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October 31, 2023

Roux, Inc.
1301 West 22nd Street, Suite 800
Oakbrook, Illinois 60523

City of Chicago
2 N. LaSalle Street
Chicago, IL 60602

RE: Phase I Environmental Site Assessment
Commercial/Industrial Property
11414 S. Halsted St
Chicago, IL 60628
A3E Project No.: 2023.3080

Dear Ms. Williams:

A3 Environmental, LLC ("A3E") has completed a Phase I Environmental Site Assessment of the above referenced property. The work was conducted in accordance with A3E's letter of engagement and generally accepted industry standards. This report was prepared solely for the use of The City of Chicago Department of AIS and the City of Chicago Department of Assets, Information, and Services (hereinafter "Client" or "User") and any party specifically referenced in Section 1.10 User Reliance. No other party shall use or rely on this report or the findings herein, without the prior written consent of A3E. If you have any questions or need any additional information, please contact the undersigned at 630-507-9002.

Sincerely,

Report Writer:

A handwritten signature in black ink, appearing to read 'Nikki Axtolis', written over a light blue horizontal line.

Nikki Axtolis
Project Geologist

Senior Reviewer:

A handwritten signature in black ink, appearing to read 'Colleen Stull', written over a light blue horizontal line.

Colleen Stull
Sr. Project Manager



PHASE I ENVIRONMENTAL SITE ASSESSMENT

COMMERCIAL/INDUSTRIAL PROPERTY

11414 S. Halsted St
Chicago, IL 60628
PIN: 25-20-226-017, 25-20-226-018

PREPARED FOR

Roux, Inc.	City of Chicago, Department
1301 West 22nd Street	of Asset, Information and Services
Oakbrook, IL 60523	& 2 N. LaSalle Street
	Chicago, IL 60602

PREPARED BY

[A3 Environmental, LLC](#)
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532

Project Number: 2023.3080
Date: October 31, 2023

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EXECUTIVE SUMMARY

A3 Environmental, LLC (A3E) performed this *Phase I Environmental Site Assessment (ESA)* in conformance with the scope and limitations of The American Society for Testing and Materials (ASTM) Standard Practice for *Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-13)*, the United States Environmental Protection Agency (USEPA) *All Appropriate Inquiry (40 CFR 312)*, for the Commercial/Industrial Property located at 11414 S. Halsted St in Chicago, Cook County, IL (hereinafter referred to as the Subject Property). The Phase I ESA is designed to provide The City of Chicago Department of AIS and City of Chicago with an assessment concerning environmental conditions (limited to those issues identified in Section [1.8](#)) as they exist at the Subject Property.

Subject Property Description	
Property Name	Commercial/Industrial Property
Property Address	11414 S. Halsted St
Historical/Additional Addresses	11458 S. Halsted (per 1975 and 1987 FIM)
City, County, State, Zip	Chicago, Cook County, IL 60628
Location	Located on the northwest corner of the S. Halsted Street and W. 115th Street intersection.
Vicinity Characteristics & Adjoining Property Use	The Subject Property is located in a mixed and use area. The adjoining properties are comprised of vacant commercial lots, commercial buildings, and residential dwellings.
Property Use	Commercial
Number of Parcels/ Parcel Number(s)	Two (2); 25-20-226-017, 25-20-226-018
Size/Acres	6.39 acres (Tax Assessor)
Number of Buildings & Description	One (1)
Date of Construction	1976 (Fire Insurance Maps)
Gross Building Area (SF)	67,000 SF (City of Chicago Department of Planning and Development)
Occupant/Current Use	The Subject Property is currently unoccupied.
Hazardous Material Use	Hazardous materials are not currently handled or generated at the property.

Site Reconnaissance Summary	
Subject Property	A3E observed the Subject Property to be developed with an unoccupied commercial storefront and parking lot areas. No access was provided to the interior of the building. Conditions observed include <i>de minimis</i> staining in the exterior areas on the northern side of the building. Please refer to Section 5.2 for further discussion.

Adjoining Properties	A3E observed the adjoining properties and identified several environmentally sensitive occupants at the time of the site visit. Refer to Section 5.3 for further discussion.
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Historical Summary	
Historical Summary of Subject Property	<p>The Subject Property was first depicted as developed, urban land in the 1938 Aerial Photographs. The property was redeveloped in 1952 with several buildings. The 1975 Fire Insurance Map (FIM) and associated City Directories indicated the property was utilized as a golf course from 1952 to 1973. The property was redeveloped again in 1976 as a grocery store until 2008. Victors Valet (dry cleaning facility) was listed as a brief occupant in 2011.</p> <p>Refer to Section 3.2.1 for further discussion.</p>
Historical Summary of Adjoining Properties	<p>The adjoining properties were developed for residential and commercial land-use beginning in 1938. The parcels underwent reconfiguration between 1952 and 1984.</p> <p>Historical review of the available City Directories indicated that several environmental concerns have occupied the north, east, south, and west adjoining properties since their initial development. Refer to Section 3.2.2 for further discussion.</p>
Regulatory Summary	
Regulatory Summary of Subject Property	<p>The Subject Property was identified in the FINDS/FRS, ICIS, and TANKS CHICAGO federal/state databases.</p> <p>The Subject Property was identified in the TANKS CHICAGO federal/state database for a 275 gal. fuel oil UST installed on October 28, 1952. The OSFM indicated no removal records exist in reference to the current status of the UST. The City of Chicago was also contacted in regard to installation, removal, and/or inspection records. On October 26, 2023, CDPH indicated no additional records were located. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that the TANKS CHICAGO listing represents a REC.</p> <p>Refer to Section 4.2.1 for further discussion.</p>
Regulatory Summary of Adjoining Properties	Several adjoining properties were identified in the ASTM standard federal and state database search. Refer to Section 4.2.2 for further discussion.

Findings & Opinions

This section is only a brief summary of the findings and does not represent a detailed summary of the information gathered in the preparation of this report. The Phase I ESA report should be reviewed in its entirety to fully understand any environmental conditions associated with the Subject Property.

Recognized Environmental Condition (REC) is defined by ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat or a future release to the environment.

This assessment has revealed the following evidence of known or suspect RECs, HRECs, or CRECs in connection with the Subject Property.

- The Subject Property was identified in the TANKS CHICAGO federal/state database. The database reports indicated a 275 gal. fuel oil UST was installed on October 28, 1952. A FOIA request was submitted to the Office of the State Fire Marshall (OSFM) on October 17th, 2023 in reference to records of removal. The OSFM indicated no removal records exist on October 18, 2023. An additional FOIA request was submitted to the City of Chicago in regard to removal records on October 19, 2023. On October 26, 2023, the CDPH indicated no additional records were located. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that the TANKS CHICAGO listing represents a REC.
- Victors Valet (dry cleaning facility) was listed as an occupant of the Subject Property in 2011. Although the listing was brief, the potential exists for a release, impacting the sub surface soils and groundwater. Therefore, it is A3E's opinion that this is considered a REC.
- The east adjoining property at 11451 S. Halsted Ave was occupied by service and gas stations in the 1960 to 1978 City Directories. No records indicating the installation or removal of any USTs were identified. Based on this information, it is A3E's opinion that the east adjoining property represents a REC.

Controlled Recognized Environmental Condition (CREC) is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substance or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

A3E did not identify evidence of CRECs during this assessment.

Historical Recognized Environmental Condition (HREC) is defined by ASTM Standard Practice 1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

A3E did not identify evidence of HRECs during this assessment.

De Minimis Condition is defined as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not Recognized Environmental Conditions or controlled Recognized Environmental Conditions as defined by the ASTM Standard Practice 1527-13.

De Minimis Conditions were identified during this assessment:

- Staining was observed along the northern elevation of the Subject building. The staining was located on the concrete near the warehouse doors. A single storm drain was observed in the vicinity. Based on the size and superficial nature of the staining, it is A3E's opinion that the staining is considered *de minimis*.

Business Environmental Risks/Non-Scope Considerations warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice 1527-13. These include, but are not limited to, business environmental considerations such as the presences of asbestos containing materials (ACMs), lead-based paints (LBPs), radon, mold and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the property.

The following Business Environmental Risks/Non-Scope Considerations were identified:

- The Subject Property building was constructed at a time (1976) when the use of ACM was common. An ACM Survey conducted by SECOR on June 13, 1995, indicated three (3) samples tested positive for ACM. In the event of further damage, renovation, or demolition, the suspect ACMs should be properly reassessed for asbestos and handled in accordance with federal, state and local regulations.
- Based on the age (47 years) of the building, LBP may be present. An LBP Survey conducted by SECOR on June 13, 1995, indicated none of the samples tested positive for LBP. However, in the event of further renovation, demolition or other construction activities that would disturb painted surface, A3E recommends a survey be completed to reconfirm the present or absence of LBP.

Significant Data Gaps are defined as a lack of or inability to obtain information required by the Phase I ESA ASTM despite good faith efforts by the environmental professional to gather such information to identify recognized environmental conditions.

The following significant data gap was identified:

- Due to the restricted access to the building during the site reconnaissance, A3E was unable to observe interior site conditions. Therefore, it is unknown if environmentally sensitive conditions exist in the interior portions of the building. Based on this information, it is A3E's opinion that this data gap impacts the site reconnaissance findings of the report.

Conclusions & Recommendations

A3 Environmental, LLC (A3E) performed this *Phase I Environmental Site Assessment (ESA)* in conformance with the scope and limitations of the (ASTM) Practice E1527-13, for the Commercial/Industrial Property located at 11414 S. Halsted St in Chicago, Cook County, IL (the 'Subject Property'). Any exceptions to, or deletions from, this assessment are described in Section 1 of this report.

This assessment has revealed the following evidence of known or suspect RECs connection with the Subject Property.

- The Subject Property was identified in the TANKS CHICAGO federal/state database. The database reports indicated a 275 gal. fuel oil UST was installed on October 28, 1952. A FOIA request was submitted to the Office of the State Fire Marshall (OSFM) on October 17th, 2023 in reference to records of removal. The OSFM indicated no removal records exist on October 18, 2023. An additional FOIA request was submitted to the City of Chicago in regards to removal records on October 19, 2023. On October 26, 2023, the CDPH indicated no additional records were located. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that the TANKS CHICAGO listing represents a REC.
- Victors Valet (dry cleaning facility) was listed as an occupant of the Subject Property in 2011. Although the listing was brief, the potential exists for a release, impacting the sub surface soils and groundwater. Therefore, it is A3E's opinion that this is considered a REC.
- The east adjoining property at 11451 S. Halsted Ave was occupied by service and gas stations in the 1960 to 1978 City Directories. No records indicating the installation or removal of any USTs were identified. Based on this information, it is A3E's opinion that the east adjoining property does represent a REC.

Based on the findings of this Phase I ESA, A3E recommends additional investigation or inquiry to evaluate Recognized Environmental Conditions identified in this report

Signatures and Environmental Professional Statement

Report Writer:



Nikki Axtolis
Project Geologist

Senior Reviewer:



Colleen Stull
Sr. Project Manager

The following personnel contributed to the preparation of this Phase I ESA under the direct charge of the environmental professional(s) signed below:

Site Assessor:



Nikki Axtolis
Project Geologist

Environmental Professional Statement/AAI Certification

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312 of 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the *property*. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR 312.



Colleen Stull
Sr. Project Manager

1.0 INTRODUCTION

1.1 Project Overview

A3 Environmental, LLC (A3E) was retained by Roux, of 1301 West 22nd Street, Oakbrook, Illinois and the City of Chicago Department of Asset, Information and Services (AIS), of 2 North LaSalle Street Chicago, IL 60602 (Client) to conduct a Phase I ESA of the Commercial/Industrial Property, located at 11414 S. Halsted St, Chicago, Cook County, IL, 60628 (Subject Property). A site reconnaissance and examination of the Subject Property and surrounding properties was conducted on October 13, 2023.

This Phase I Environmental Site Assessment was performed by or under the supervision of an Environmental Professional. An Environmental Professional is defined by AAI as “a person who possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presences of release or threatened releases to the surface or subsurface of a property.” See the [Appendix](#) for a copy of A3E’s resumes and Environmental Professionals.

The purpose of the Phase I ESA is to identify the presence or likely presence of Recognized Environmental Conditions, as defined by the ASTM International Standard Practice for Environmental Site Assessments – E 1527-13 (ASTM-13) or the existence of hazardous substances under the Federal AAI. The purpose of the Phase I ESA is to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability (landowner liability protection).

1.2 Property Description

Subject Property Description	
Property Name	Commercial/Industrial Property
Property Address	11414 S. Halsted St
Historical/Additional Addresses	11458 S. Halsted (per 1975 and 1987 FIM)
City, County, State, Zip	Chicago, Cook County, IL 60628
Location	Located on the northwest corner of the intersection of S. Halsted Street and W. 115th Street.
Property Use	Commercial
Number of Parcels/ Parcel Number(s)	two (2); 25-20-226-017, 25-20-226-018
Size/Acres	6.39 acres (Tax Assessor)
Vicinity Characteristics & Adjoining Property Use	The Subject Property is located in a commercial land use area. The adjoining properties are currently vacant lots, residential dwellings, and additional commercial establishments to the south and east.

1.3 Scope of Services

The assessment was based on visual assessment of the Subject Property, a review of available land use records, interviews with subject site representatives, review of previous environmental reports and information from environmental agencies. The assessment is designed to provide an objective, independent, professional opinion of the potential environmental risks, if any, associated with the Subject Property.

- Review of standard federal, state, tribal and local record sources, additional record sources, physical setting sources and standard historical sources. Historical sources include fire insurance maps, topographic maps, aerial photographs, city directories, and chain-of-title/environmental lien documents (if provided/available).
- Conduct a site visit of the Subject Property to visually and/or physically observe exterior and interior conditions and physical characteristics. Identify current conditions and operations of the Subject Property and surrounding properties. Visually assess the Subject Property for evidence of RECs, CRECs, or HRECs, including RECs associated with Vapor Encroachment Conditions (VECs).
- Interview past and present owners, operators, and occupants of the Subject Property; interview state, and local government officials for the purpose of obtaining information that may indicate Recognized Environmental Conditions in connection with the Subject Property; anyone with available knowledge pertaining to the Subject Property.

- Prepare a Phase I ESA report documenting the findings, opinions and conclusions.

Additional non-scope considerations are environmental conditions in connection with the Subject Property were included with this assessment:

- Asbestos - a limited, visual evaluation of accessible areas for the presence of suspect asbestos containing materials (ACMs) at the Subject Property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. The information is for general informational purposes only and does not constitute an asbestos survey.
- Radon - a review of the US EPA prepared a map of radon zones. The map divides the country into three Radon Zones; Zone 1 (Exceed 4.0 pCi/L), Zone 2 (2.0-4.0 pCi/L), and Zone 3 (less than 2.0 pCi/L). The US EPA recommends additional action for radon concentrations above 4.0 pCi/L). The information is for general informational purposes only and does not constitute a radon survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to radon.
- Wetlands - a review of the online US Fish & Wildlife Service's National Wetlands Inventory (NWI) Wetlands Mapper to determine if wetlands are present/mapped on the Subject Property. The information is for general informational purposes only and does not constitute wetland survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to wetlands.
- Flood Zone - a review of the The Federal Emergency Management Agency (FEMA) published Flood Insurance Rate Maps (FIRMS) that identify the Flood Zone for a property. The information is for general informational purposes only and does not constitute a flood zone survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to flood zones.
- Lead-based Paint - a limited, visual evaluation of accessible areas for the presence of suspect Lead Based Paint (LBP). Lead was commonly used as a paint additive prior to 1972. In 1978, the use of LPB was banned completely for consumer products, although such products may still be used for industrial/military applications. The information is for general informational purposes only and does not constitute a LBP survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to LBP.
- Lead in Drinking Water - a review of the most recent available Consumer Confidence Reports to determine if lead in drinking water is a concern for the Subject Property. The information is for general informational purposes only and does not constitute an analysis of lead in drinking water. In addition, the information is not intended to comply with federal, state, or local regulations in regard to lead in drinking water.

- Emerging Contaminants - A review of possible emerging contaminants. Several substances are not defined as hazardous substances under CERCLA, including some substances sometimes generally referred to as "emerging contaminants". These substances are not considered hazardous substances unless or until the substances are classified as such under CERCLA are not included in the scope of this practice. These substances may include: (1) some substances that occur naturally or through biological digestion (for example, methane), and (2) substances about which human understanding is evolving (for example, per- and polyfluoroalkyl substances, also known as "PFAS"). However, some of these substances may be considered a "hazardous substance" (or equivalent) under applicable state laws.

1.4 Project-Specific Limitations

Performance of this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the Subject Property. This assessment was prepared in a manner consistent with generally accepted industry practices and standards. All information is true and correct to the best of A3E's knowledge and reflects our best professional opinion and judgment.

In performing this Phase I ESA, the following limitations exist:

- A Phase I ESA does not include the testing or sampling of the surface and subsurface soil, water, groundwater, air, or building materials located on the Subject Property.
- A Phase I ESA is not intended to address environmental issues that are considered beyond the scope of a Phase I ESA, (e.g., asbestos-containing materials, radon, lead-based paint, wetland investigations) unless specifically requested by the *user* and included in Section 9.0.
- A Phase I ESA does not address whether requirements in addition to *all appropriate inquiries* have been met in order to qualify for the *landowner liability protections*. For example, a Phase I ESA does not address the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release-reporting obligations. Additional requirements necessary to qualify for *landowner liability protections* are specified in USC § 9607(b)(3)(a) and (b) and cited in Appendix XI of ASTM E1527-13.
- This report contains information and opinions that are limited to the date the report was issued. No additional site reconnaissance activities, data review or other investigation of the Subject Property have been performed by A3E since the date of this report. A3E makes no representation with respect to, nor expresses any opinion about, the Subject Property after the date of the report. A3E does not assume any obligation to update this report for any purpose whatsoever.

- Performance of this Phase I ESA is intended to reduce, but not eliminate, uncertainty of environmental conditions associated with the Subject Property. A3E is unable to represent that the Subject Property or adjoining properties contain no hazardous waste, petroleum products, or other conditions beyond that detected or observed by A3E during Phase I ESA activities. The possibility for contaminants to migrate through surface and subsurface soil, water, groundwater or air always exists. The scope of this ESA cannot completely address the environmental risks associated with migration in these media.
- The ASTM standard and AAI do not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens and activity and use limitations unless specifically included as an additional scope of work item in the proposal and acceptance agreement.
- Site reconnaissance activities were performed with the intention to review areas that may present potential environmental conditions. A3E cannot assert that all areas of the Subject Property presenting these conditions were reviewed during on-site activities.

1.5 Definitions

ASTM defines the following related terms utilized throughout the Phase I ESA report.

- *All appropriate Inquiries* – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practices as defined in CERCLA 42 USC §9601 (35) (B), that will qualify a party to a commercial real estate transaction for CERCLA liability (42 USC §9601 (35) (A) and (B), §9607 (b) (3), §9607 (q), and §9607 (r)), assuming compliance with other elements of the defense.
- *Hazardous substances* – a substance defined as hazardous pursuant to CERCLA 42 USC § 9601 (14), and as interpreted by USEPA regulations and the courts.
- *Petroleum product* – those substances included within the meaning of the petroleum exclusion to CERCLA 42 USC § 9601 (14), as interpreted by the courts and USEPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of CERCLA 42 USC § 9601 (14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas useable for fuel (or mixtures of natural gas and such synthetic gas).
- *Recognized Environmental Conditions*- the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release

to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not Recognized Environmental Conditions.

- *Historical Recognized Environmental Conditions*– a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, Subject Property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical Recognized Environmental Condition, the environmental professional must determine whether the past release is a *Recognized Environmental Condition* at the time the Phase I ESA is conducted (for example, if there has been a change in the regulatory criteria).
- *Controlled Recognized Environmental Conditions*– a Recognized Environmental Condition *resulting* from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, Subject Property use restrictions, activity and use limitations, institutional controls, or engineering controls).
- *De minimis condition* – a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not Recognized Environmental Conditions or controlled Recognized Environmental Conditions.

1.6 Deletions

No deletions from the proposed scope of work were noted during preparation of this report.

1.7 Assumptions

The following assumptions are made by A3E in this report. A3E relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. A3E has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the

client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, A3E cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the Subject Property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. A3E assumes the Subject Property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

1.8 Limiting Conditions/Deviations and Exceptions

Due to the restricted access to the building during the site reconnaissance, A3E was unable to observe interior site conditions. Therefore, it is unknown if environmentally sensitive conditions exist in the interior portions of the building. Based on this information, it is A3E's opinion that this data gap impacts the site reconnaissance findings of the report.

1.9 Special Terms and Conditions

This Phase I ESA was completed in accordance with the acceptance agreement authorized by The City of Chicago Department of AIS and subject to the noted terms, conditions, and limitations.

Per Section 6.2 of ASTM E1527-13, "Unless added by a change in the scope of work to be performed by the environmental professional, this practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens and AULs. The user should either (1) engage a title company, real estate attorney, or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens and AULs currently recorded against or relating to the property, or (2) negotiate such an engagement of a title company, real estate attorney, or title professional as an addition to the scope of work to be performed by the environmental professional."

1.10 User Reliance

This assessment and report was prepared on behalf and for the exclusive use of Roux, Inc. and the City of Chicago Department of AIS (*user*), and its agents, and attorneys. The report and its findings shall not, in whole or in part, be disseminated or conveyed to another party, nor used by another party in whole or in part, without prior written consent by A3 Environmental, LLC, except as permitted by the ASTM standard.

Third parties may come into possession of this report either partially or in full. In the absence of a written agreement from A3E granting reliance, no third parties shall have rights of recourse or recovery whatsoever under any course of action against A3E, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify, and hold A3E, Client, and their respective officers, employees, vendors, successors, and assigns harmless from any and all claims, damages, losses, liabilities, expenses, and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.11 Data Gaps and Data Failures

Data gaps occur when, despite good faith efforts, the consultant is unable to identify information required to satisfy objectives of the assessment. Data gaps may result from incompleteness in any of the activities required by the ESA Standard. The ESA Standard requires that data gaps be identified in the report when they significantly impact the ability of the consultant to identify Recognized Environmental Conditions at the Subject Property. Limiting Conditions identified in this report are not considered to significantly impact our ability to satisfy the objectives of this assessment.

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

Data Failure			Significance
History not conducted back to undeveloped land or 1940 (whichever is earlier)	✓	None	No data failure encountered
		Low	Not expected to significantly limit the ability to identify Recognized Environmental Conditions
		Low	Based on other available information reviewed during this assessment, will not likely alter conclusions.
		Unknown	However, if receipt of additional information (i.e., FOIAs) alters the conclusions, the client will be notified.
		High	May significantly limit the ability to identify Recognized Environmental Conditions. Additional research recommended.
Subject Property history not conducted in 5-year intervals.	✓	None	No data failure encountered

Data Failure			Significance
		Low	Not expected to significantly limit the ability to identify Recognized Environmental Conditions
		Low	Based on other available information reviewed during this assessment, will not likely alter conclusions.
		Unknown	However, if receipt of additional information (i.e., FOIAs) alters the conclusions, the client will be notified.
		High	May significantly limit the ability to identify Recognized Environmental Conditions. Additional research recommended.
User Questionnaire not returned to A3E	✓	None	No data failure encountered
		Low	Not expected to significantly limit the ability to identify Recognized Environmental Conditions
		Low	Based on other available information reviewed during this assessment, will not likely alter conclusions.
		Unknown	However, if receipt of additional information (i.e., FOIAs) alters the conclusions, the client will be notified.
		High	May significantly limit the ability to identify Recognized Environmental Conditions. Additional research recommended.
FOIAs not returned		None	No data failure encountered
		Low	Not expected to significantly limit the ability to identify Recognized Environmental Conditions
	✓	Low	Based on other available information reviewed during this assessment, will not likely alter conclusions.
		Unknown	However, if receipt of additional information (i.e., FOIAs) alters the conclusions, the client will be notified.
		High	May significantly limit the ability to identify Recognized Environmental Conditions. Additional research recommended.
Unable to interview former site owner or operator or key site manager		None	No data failure encountered
	✓	Low	Not expected to significantly limit the ability to identify Recognized Environmental Conditions
		Low	Based on other available information reviewed during this assessment, will not likely alter conclusions.
		Unknown	However, if receipt of additional information (i.e., FOIAs) alters the conclusions, the client will be notified.

Data Failure			Significance
		High	May significantly limit the ability to identify Recognized Environmental Conditions. Additional research recommended.

2.0 PROPERTY OVERVIEW

2.1 Subject Property Location & Legal Description

The Subject Property is addressed as 11414 S. Halsted St, Chicago, IL. The Subject Property consists of two (2) parcels of land that total to 6.39-acres in size. The Subject Property's location is depicted on [Figure 1](#). The land use of the Subject Property and land use of the adjoining properties is depicted on [Figure 2](#). The Subject Property layout and details are depicted on [Figure 3](#).

Site Information	
Legal Description/Source	LOT 1 IN JETCO RESUBDIVISION, BEING A SUBDIVISION IN THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 20, TOWNSHIP 37 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 14, 2003 AS DOCUMENT NO. 03322634033, IN COOK COUNTY, ILLINOIS
Landowner/Source	ALBERTSONS (per Tax Assessor)
Parcel Index Number (PIN)	25-20-226-017, 25-20-226-018
Zoning	Zoning/Land Use records for the Subject Property were reviewed online at the City of Chicago website. The zoning map reviewed was an interactive GIS map which is continuously updated. According to the zoning map, the Subject Property is zoned PD for planned developmental use.
Water Utility	Chicago Department of Water Management
Sewer Utility	Chicago Department of Water Management
Power Utility	Commonwealth Edison
Natural Gas Utility	People's Gas

2.2 Current Use of Adjoining Properties

The Subject Property is located in an Commercial area on the west side of Chicago. During the site reconnaissance, A3E observed the following land use on properties in the immediate vicinity.

Direction	Occupant & Address	Land Use
North	Residential Dwelling // 11358 Green St	Residential
North	Residential Dwelling // 11359 Green St	Residential
North	Popeyes Louisiana Kitchen // 11356 S Halsted St	Commercial
East	McDonald's // 11419 S Halsted St	Commercial

Direction	Occupant & Address	Land Use
East	State Farm Insurance // 11435 S Halsted St	Commercial
East	Imani Children's Academy // 11443 S Halsted St	Commercial
East	Checkers // 11449 S Halsted St	Commercial
South	Citgo Gas Station // 11500 S Halsted St	Commercial
South	Walgreens // 833 W 115th St	Commercial
Southwest	Vacant Lot // 843 / 853 W 115th St	Unoccupied
West	Parking Lot // 830 W 115th St	Commercial

2.3 Physical Setting Source

A3E evaluated the general physical setting of the Subject Property and vicinity using Information regarding the topography, surface water, geology, and hydrology to evaluate the likelihood of hazardous substances or petroleum products originating from on the Subject Property or from off-site sources to potential receptors. The information was obtained from readily accessible sources and the ERIS Physical Setting Report (PSR). Actual conditions may vary from general conditions in the area.

2.3.1 Topography

In accordance with Section 8.2.4 of the ASTM Standard Practice, A3E reviewed a current *USGS 7.5 Minute Topographic Map* (or equivalent) showing the area on which the Subject Property is located.

Description	Findings
Current Topographic Map	Blue Island, IL; Lake Calumet, IL, 2021
Property Elevation (MSL)	618.45 ft
Configuration	Relatively flat
General Slope	Relatively flat

2.3.2 Soils & Geology

Description	Findings
Soils	The current soil information is incomplete, outdated, or nonexistent. Urban development has expanded into previously mapped areas resulting in the soils in these areas have been so modified that the maps no longer provide correct information.
Geology	The geology beneath the Subject Property is identified as Silurian-aged dolomite and limestone.

2.3.3 Hydrogeology & Hydrology

Description	Findings
Surface Waters On-Site	No surface waters were identified on the Subject Property.
Nearest Surface Water	The nearest surface water is the Little Calumet River located approximately 1.81 miles to the south.
Estimated Depth to Groundwater	According to ERIS's Physical Setting Report map, and/or the USGS Groundwater Watch Website, shallow groundwater in the vicinity of the Subject Property is anticipated to be encountered at a depth of 10-15 feet below ground surface.
Gradient	<p>According to the USEPA <i>Groundwater Handbook, Vol. 1 Groundwater and Contamination, September 1990</i>, the water table typically conforms to surface topography. This means that the direction of flow for shallow groundwater is generally from higher elevations to lower elevations. Localized flow direction, however, may vary as a result of rainfall, development, geologic characteristics, nearby surface water bodies, underground utilities such as storm drains, septic systems and sewers, or other influences such as the presence of high volume wells.</p> <p>A3E did not perform a hydraulic study at the Subject Property; therefore the hydraulic gradient direction is presumed based on the above factors.</p> <p>A3E identified a closure report submitted to the IEPA LUST Section on November 27, 2002, requesting a NFR Letter for the south adjoining property addressed as 11500 South Halsted Street. The report contained groundwater data which indicates that the general groundwater flow direction in the area is to the east.</p>

2.3.4 Minerals Exploration and Production

Description	Findings
Oil & Gas Wells	No oil or gas wells were observed at the Subject Property. No wells were depicted on the USGS Topographic Map. According to the ERIS Physical Setting Report, no oil or gas wells are on the Subject Property or nearby properties.
Pipelines	<p>No petroleum pipelines were observed on or adjoining the Subject Property during the site reconnaissance. No pipelines were depicted on the USGS Topographic Map.</p> <p>According to the National Pipeline Mapping System, no pipelines are located on the Subject Property.</p>
Mining	No mining activities were observed on or adjoining the Subject Property. No mining activities were depicted on the USGS Topographic Map.

2.4 Floodplains

The Federal Emergency Management Agency (FEMA) publishes Flood Insurance Rate Maps (FIRMS) that identify the Flood Zone for a property. The information below is for general informational purposes only and does not constitute a flood zone survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to flood zones.

According to the FIRMs, the Subject Property is located on Community Panel 17031C0645J, dated August 2008 and is located in Flood Zone X.

Zone X: Area of moderate flood hazard, usually the area between the limits of the 100-year and 500-year floods.

2.5 Wetlands

According to the map, no wetlands are present on the Subject Property.

3.0 PROPERTY BACKGROUND/OPERATING HISTORY

Interviews were conducted with persons familiar with the Subject Property and surrounding properties to obtain information regarding the presence or possible presence of Recognized Environmental Conditions in connection with the Subject Property. Interviews were conducted in person, in writing, or by telephone. Any copies of communications records are included in the [Appendix](#).

Pertinent information from the interviews is presented in applicable sections of this report.

3.1 Interviews

3.1.1 Key Site Manager

No Key Site Manager was identified/interviewed for this assessment.

3.1.2 Current Owner

A Current Owner was not interviewed during the site reconnaissance.

3.1.3 Current Occupant Interview(s)

The Subject Property is unoccupied. No occupants were interviewed for this assessment.

3.1.4 Past Owners, Operators, Occupants

Contact information for previous owners, operators and occupants at the Subject Property was not provided.

3.1.5 Other Pertinent Interviews

A3E obtained a completed User Questionnaire from the provided purchaser, The City of Chicago.

Name/Title	Ellyn Gates // AIS Representative
Telephone/Email	312-744-7205, ellyn.gates@cityofchicago.org
Interview Type	Questionnaire
Date of Interview	Friday, October 13, 2023
Details	The City of Chicago Department of AIS indicated they are obtaining these Phase I ESAs for the purchase of the identified Subject Property. AIS provided documentation to A3E which is summarized in Section 3.3.1. A copy of this questionnaire is included in the Appendix of this report for further review. Information noted in this questionnaire is not likely to change the overall findings of this report.

3.2 Historical Review

The objective of consulting historical sources is to develop a history of the previous uses of the Subject Property and surrounding area, in order to help identify the likelihood of past uses having led to Recognized Environmental Conditions in connection with the Subject Property.

Per the ASTM, Standard historical sources include aerial photographs, fire insurance maps, property tax files, recorded land title records, USGS topographic maps, local street directories building department records, zoning/land use records and other historical sources.

A3E performed a review of reasonably ascertainable standard historical sources back to the Subject Property’s first developed use, or back to 1940, whichever is earlier. Per the ASTM Standard Practice, an attempt was made to review the standard historical sources at a minimum of five year intervals. The historical sources reviewed by A3E are provided by a third party, Google Earth, and/or other reasonably ascertainable sources. Copies of available historical sources are included in the [Appendix](#).

The table below summarizes the historical resources that were available for review.

Year	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories	Other
Not Reviewed					✓
<1940	✓	✓	✓	✓	
1945				✓	
1950	✓	✓	✓	✓	
1955		✓		✓	
1960	✓			✓	
1965	✓	✓		✓	
1970				✓	
1975	✓	✓	✓	✓	
1980		✓		✓	
1985	✓		✓	✓	
1990	✓			✓	
1995		✓		✓	
2000	✓			✓	
2005	✓			✓	

Year	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories	Other
2010	✓			✓	
2015	✓	✓		✓	
2020	✓	✓		✓	

3.2.1 Subject Property

Historical Source	Description	REC
Aerial Photographs	The Subject Property first appeared as developed urban land in 1938. The eastern portion of the property appeared redeveloped in 1952 with a parking lot and several buildings. By 1984, the property was redeveloped with a single commercial warehouse and parking lot until present day.	Victors Valet (dry cleaning facility) was listed as the tenant in the 2011 City Directories. Although the listing was brief, the potential exists for a release, impacting the sub surface soils and groundwater. Therefore, it is A3E's opinion that this is considered a REC.
Topographic Maps	The property is depicted with buildings from 1900 to 1901 and from 1953 to 1997. No buildings were depicted on the remaining Topographic Maps.	
Fire Insurance Maps (FIM)	The Subject Property was depicted as a golf course with two (2) buildings in 1975. In 1987, the Subject Property was depicted with the eastern portion of a large unlabeled building and a parking lot.	
City Directories	The Subject Property (11414 / 11458 S Halsted Ave) was occupied by Sheldon Heights Golf Range from 1952 to 1973 and Jewel Food Stores from 1978 to 2008. Victors Valet (dry cleaners) was listed as a tenant in 2011. No additional listings were found in the remaining City Directories.	

3.2.2 Adjoining Properties

Per Phase I ESA ASTM, an adjoining property is defined as 'any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road or other public-thorough fare separating them.'

The following adjoining properties were reviewed.

North Adjoining - 11358 Green St

Historical Source	Description	REC
Aerial Photographs	The north adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single residential style dwelling from 1952 to present day.	None Identified

Historical Source	Description	REC
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A single residential dwelling is depicted from 1975 to 1987.	
City Directories	The north adjoining property was not listed in the available City Directories.	

North Adjoining - 11359 Green St

Historical Source	Description	REC
Aerial Photographs	The north adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single residential style dwelling from 1952 to present day.	None Identified
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A single residential dwelling is depicted from 1975 to 1987.	
City Directories	The north adjoining property was not listed in the available City Directories.	

North Adjoining - 11350 S Halsted St

Historical Source	Description	REC
Aerial Photographs	The north adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single commercial style building from 1984 to present day.	None Identified
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A single commercial building was depicted in 1987.	
City Directories	The north adjoining property was occupied by Popeyes Famous Chicken from 1986 to present day.	

East Adjoining - 11421 S Halsted St

Historical Source	Description	REC
Aerial Photographs	The east adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single commercial style building from 1959 to 1973. The building was razed and an additional commercial style building was noted from 1984 to present day.	The property was occupied by service and gas stations in the 1965 to 1978 City Directories. Based on the removal of the USTs, lack of reported releases at the property and the down-gradient relationship to the Subject Property, it is A3E's opinion that the east adjoining property does not represent a REC.
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A single commercial building was depicted from 1975 to 1987.	
City Directories	The east adjoining property was occupied by McDonalds from 1981 to present day. Historical address (11401 S Halsted) list Rich's Enco Service Station, Gas USA, and HEJ Gas USA as the occupants from 1965 to 1978.	

East Adjoining - 11431 S Halsted St

Historical Source	Description	REC
Aerial Photographs	The east adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single commercial style building from 1959 to 1973. The building was razed and the property was redeveloped as a parking lot from 1984 to present day.	None Identified
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A single commercial building was depicted in 1975.	
City Directories	The east adjoining property was occupied by various corporate offices from 1960 to 1981.	

East Adjoining - 11435 S Halsted St

Historical Source	Description	REC
Aerial Photographs	The east adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single commercial style building from 1959 to present day.	None Identified

Historical Source	Description	REC
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A single commercial building was depicted in 1987.	
City Directories	The east adjoining property was occupied by restaurants from 1965 to 1978 and by State Farm Insurance from 1981 to present day.	

East Adjoining - 11443 S Halsted St

Historical Source	Description	REC
Aerial Photographs	The east adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single commercial style building from 1959 to present day.	None Identified
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A single commercial building was depicted from 1975 to 1987.	
City Directories	The east adjoining property was occupied by insurance offices from 1965 to 1973 and by educational daycare centers from 1978 to present day.	

East Adjoining - 11451 S Halsted St

Historical Source	Description	REC
Aerial Photographs	The east adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single commercial style building from 1959 to present day.	The property was occupied by service and gas stations in the 1960 to 1978 City Directories. No records indicating the installation or removal of any USTs were identified. Based on this information, it is A3E's opinion that the east adjoining property does represent a REC.
Topographic Maps	No buildings were depicted in the available Topographic Maps.	
Fire Insurance Maps	A filling station was depicted in 1975 with the following year depicting a commercial building.	
City Directories	The east adjoining property was occupied by Checkers from 1996 to present day. Historical addresses (11451 / 11455 S. Halsted St) list Halsted Fruit Market from 2000 to 2003 and several various gas stations from 1960 to 1978.	

South Adjoining - 11500 S Halsted St

Historical Source	Description	REC
Aerial Photographs	The south adjoining property first appeared as developed with a single building in 1938. The property was redeveloped with a single commercial style building from 1959 to 1973 and redeveloped again with a larger structure from 1984 to present day.	The property was occupied by gas stations from 1928 to 2022 City Directories. Documents available on the IEPA Document Explorer indicated groundwater contamination was migrating towards the east and did not impact the Subject Property. The site obtained an NFR letter, as of September 5, 2003. Based on the issuance of an NFR and the presumed cross-gradient relationship to the Subject Property, it is A3E's opinion that the south adjoining property (11500) does not represent a REC.
Topographic Maps	A single building was depicted from 1953 to 1997.	
Fire Insurance Maps	A filling station was depicted from 1975 to 1987.	
City Directories	The south adjoining property was occupied by various gas stations from 1928 to present day.	

South Adjoining - 833 W. 115th St

Historical Source	Description	REC
Aerial Photographs	The south adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single industrial style warehouse from 1967 to 2004 and redeveloped with a single commercial storefront from 2007 to present day.	None Identified
Topographic Maps	A single building was depicted from 1963 to 1997.	
Fire Insurance Maps	A Cake Decorations Manufacturer facility was depicted in 1975 and incorporated to be a part of the T&R Cartage Motor Freight Station in 1987.	

Historical Source	Description	REC
City Directories	The south adjoining property was occupied by Wilton School of Cake Decorating from 1965 to 1978, various Chicago offices from 1991 to 2003, and Walgreens from 2008 to present day.	

Southwest Adjoining - 843 / 853 W. 115th St

Historical Source	Description	REC
Aerial Photographs	The southwest adjoining property first appeared developed with several buildings and at least 15 ASTs from 1938 to 1967. The property was redeveloped with an additional single warehouse style building from 1973 to 2004. The buildings were razed and an additional commercial style building were noted from 2007 to present day.	The property was occupied by a bulk oil station from at least 1938 to 1960. A portion of this property was enrolled into the IEPA SRP Program in 2004, and was issued an NFR letter in 2018. Based on the removal of the historical storage tanks and the presumed cross-gradient relationship to the Subject Property, and the issuance of an NFR on the portion of the property which historical contained bulk petroleum storage, it is A3E's opinion that the south adjoining property does not represent a REC.
Topographic Maps	Several buildings were depicted from 1953 to 1997.	
Fire Insurance Maps	Standard Oil Co. of Ind. Bulk Station was depicted with several warehouse buildings and at least 11 gasoline oil tanks in 1950. The ASTs were not depicted from 1975 to 1987. An additional warehouse is depicted from 1975 to 1987.	
City Directories	The southwest adjoining property was occupied by J&J Nails and Creative Designz Hair Salon from 2016 to present day. Historical address (901 W 115th) list Standard Oil Co, Climate Control, and Dobbs Recycling Service as the occupants from 1952 to 1991.	

West Adjoining - 11444 S. Halsted St

Historical Source	Description	REC
Aerial Photographs	The west adjoining property first appeared as developed urban land in 1938. The property was redeveloped with a single commercial style building from 1984 to present day.	None Identified

Historical Source	Description	REC
Topographic Maps	The property was depicted with buildings from 1993 to 1997. No buildings were depicted on the remaining Topographic Maps.	
Fire Insurance Maps	The Subject Property was depicted as a golf course in 1975 and a single commercial building in 1987.	
City Directories	The west adjoining property was occupied by various commercial storefronts from 1996 to present day.	

3.3 User Provided Information

User provided information is intended to help identify the possibility of RECs in connection with the Subject Property. According to ASTM E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the *user*, and the results of such inquiries be provided to the Environmental Professional. The responsibility for qualifying for CERCLA limited liability protection (LLP) by conducting the inquiries ultimately rests with the *user*, and providing the information to the Environmental Professional. When not provided, the missing information must be considered as a possible data gap. Information required to be provided by the *user* includes:

- Research into the existence of environmental cleanup liens and Activity and Use Limitations
- Any specialized knowledge or experience of the "user"
- Commonly known or reasonably ascertainable information about the property
- Relationship of the purchase price to fair market value, and
- The degree of obviousness of the presence or likely presence of contamination.

The *user*, as defined by ASTM E1527-13, is “the party seeking to use Practice E1527-13 to complete an environmental site assessment of the Subject Property. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an owner of *property*, a lender, or a *property* manager.

The City of Chicago Department of AIS is identified as the *user* of this ESA.

A3E received completed User Questionnaires from the City of Chicago Department of AIS to assist A3E with identifying the presence of Recognized Environmental Conditions in connection with the Subject Property. Copies of the completed questionnaire and other documents provided by the User are included in the Appendix and summarized below.

3.3.1 Information/Documents Provided By The User

Document	Not Provided	No Knowledge	Knowledge Provided
Environmental Liens or AULs		✓	
Specialized Knowledge		✓	
Valuation Reduction for Environmental Issues		✓	

Document	Not Provided	No Knowledge	Knowledge Provided
Commonly known or reasonably ascertainable information		✓	
Obvious Indicators of Releases		✓	
Title Records		✓	
Previous Reports			✓

3.3.2 Previous Reports and Other Provided Documentation

A3E requested additional documents (if available) from The City of Chicago Department of AIS that may help to identify Recognized Environmental Conditions in connection with the Subject Property.

Roux Associates, Inc. on behalf of the User, provided several documents in relation to surrounding properties. A City of Chicago Property Screen was conducted on 11420 S. Kedzie Street. Several databases were found for the Subject Property or neighboring properties under the Chicago Department of Environment, Illinois Environmental Protection Agency, and/or US Environmental Protection Agency. As a result, an Environmental Site Assessment, Sampling Investigations, and Site Clean-Up/Remediation were anticipated to be conducted from the potential impacts from the USTs located on the property.

A previous Phase I ESA performed by Tetra Tech was completed for the City of Chicago in June of 2014. The Phase I ESA identified the following RECs. A3E has also provided references for sections in this report where these conditions are further evaluated by A3E.

- *"Historic dry cleaners at 11414 South Halsted Street was located on the northeast corner of the subject property. The former potential use of dry cleaning solvents poses a REC to the subject property due to potential soil and groundwater impacts, as well as potential vapor migration."*

Please refer to [Section 3.2.1](#) for A3E's discussion and findings regarding this condition.

- *"According to the aerial and Sanborn maps, Standard Oil Co. of Ind 115th Street Bulk Station operated from about 1938 to 1974 on the property south of and hydraulically up-gradient to the subject property. The former bulk storage of petroleum fuels on the adjacent property poses a REC to the subject property due to potential vapor migration and potential groundwater migration."*

According to No Further Remediation Request report by Delta Environmental Consultants, Inc. provided by the IEPA, the presumed hydraulic gradient was projected towards the east. Therefore, Standard Oil Co. is considered to be cross-gradient to the Subject Property, not up-gradient as previously stated by Tetra Tech. A copy of the report can be found in the Appendices of the report. Please refer to [Section 3.2.2](#) for A3E's discussion and findings regarding this property.

- *"E.J. Brownlee at 1001 West 115th Street, located approximately 0.099 miles west southwest of and hydraulically up-gradient to the subject property, reported a LUST incident in July 1998. An NFR letter was issued for this incident in April 1999. This facility represents a REC to the subject property due to vapor encroachment potential of petroleum hydrocarbons."*

Based on the issued NFR, intervening distance (approx. 815 feet), and presumed cross-gradient relationship to the Subject Property, it is A3E's opinion this listing is not considered a VEC.

- *"Amoco 5954 at 11500 South Halsted Street is located approximately 0.002 miles southeast of and at a lower elevation than the subject property. The facility is classified as a Non-Generator and does not presently generate hazardous waste. A LUST incident was reported in November 1992 and an NFR letter was issued for this incident in September 2003. This facility is an active gas station operated by Citgo with three 10,000-gallon USTs containing gasoline. In addition, this facility is listed on the historical gas station list. Due to the proximity to the subject property, potential vapor encroachment of petroleum hydrocarbons and historical and current use as a gasoline station, this site represents a REC to the subject property."*

Please refer to [Section 3.4](#) and [Section 4.2.2](#) for A3E's discussion and findings regarding this condition.

- *"Mobil Carwash at 11501 South Halsted Street, located approximately 0.006 miles southeast of the subject property, reported a LUST incident in February 1999. An NFR letter was issued for this incident in November 2002. This facility is an active facility with 4,000-, 8,000-, and 12,000-gallon USTs storing gasoline. This facility is also listed on the historical gas station list. Due to the proximity to the subject property and potential vapor encroachment of petroleum hydrocarbons this site represents a REC to the subject property."*

Please refer to [Section 3.4](#) and [Section 4.2.2](#) for A3E's discussion and findings regarding this condition.

- *"Chicago Housing Authority at 833 W. 115 Street is located approximately 0.006 miles south of and hydraulically up-gradient to the subject property. The facility is listed as a RCRA SQG with no violations reported. Hazardous materials storage facilities include ignitable hazardous wastes. In addition, a LUST incident was reported for this facility in July 1992. An NFR letter was issued for this incident in November 2010. The site was enrolled in the SRP in June 2004. An NFR letter has not been issued for this site through the SRP. The former hazardous materials storage, potential vapor encroachment, and SRP enrollment for this site pose as a REC to the subject property."*

Please refer to [Section 3.4](#) and [Section 4.2.2](#) for A3E's discussion and findings regarding this condition.

- *"First Cook Community Bank at 11453 South Halsted Street approximately 0.026 miles east southeast of the subject property reported a LUST incident in February 1992. An NFR letter was issued for this incident in August 1992. This facility represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons."*

Please refer to [Section 3.4](#) and [Section 4.2.2](#) for A3E's discussion and findings regarding this condition.

- *"Bob S Super 100 at 11525 South Halsted Street approximately 0.018 miles south of the subject property represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons."*

Based on A3E's review of the 11525 South Halsted site location and the associated databases, this site is located over 1,000-feet south of and down/cross-gradient to the Subject Property building. Based on this information, it is A3E's opinion this is not considered a VEC.

- *"Historic Auto Station at 11550 South Halsted Street approximately 0.082 miles south of the subject property represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons."*

Based on A3E's review of the 11550 South Halsted site location and the associated databases, this site is located over 1,000-feet south of and down/cross-gradient to the Subject Property building. Based on this information, it is A3E's opinion this is not considered a VEC.

Tetra Tech recommend the following;

- Tetra Tech recommends that a Phase II ESA be conducted to evaluate presence of contaminated soil and groundwater and the potential for vapor encroachment due to the historic dry cleaner on the subject property and due to the RECs on adjacent properties.

Upon further review of the remaining documents (Abatement Closure Report, Flooring Abatement, and Phase I Review Reports), A3E determined the remaining provided documents do not contain environmentally concerning information or provide duplicative information which was obtained as a part of the regulatory and historical document review conducted by A3E. All documents listed above can be found in the appendices of this report.

3.4 Vapor Encroachment Condition

3.4.1 Vapor Encroachment Conditions

As part of this assessment, A3E completed a Tier 1 Vapor Encroachment Screening, as described in ASTM E2600-15 '*Standard Guide for Vapor Encroachment Screening on a Property Involved in Real Estate Transactions*'. The purpose is to conduct an initial screen to identify, to the extent feasible, the potential for a vapor encroachment condition (VEC) in connection with the Subject Property with respect to chemicals of concern that may migrate as vapors into the vadose zone of the Subject Property as a result of known or suspect contaminated soil and/or groundwater on or near the Subject Property.

The Tier 1 Screening is based entirely upon information discovered during completion of this Phase I ESA and is intended to solely aid in the identification of Recognized Environmental Conditions. Consideration of vapor encroachment consists of a review of available information and use of professional judgement in determining if contamination is suspected in the soil and/or groundwater on the Subject Property or nearby properties and whether the identified contamination is suspected to exist within a critical distance of the Subject Property.

Critical Distance, as defined by ASTM E 2500-15 is defined as the maximum distances at which vapor encroachment may occur. These distances vary depending on topographic and hydrologic gradient, width of the contaminant plume, and type of contaminant known, or suspected, to exist. Generally, Critical Distances are 100 feet for non-petroleum contaminants of concern (COCs) and 30 feet for dissolved petroleum COCs. If a facility is beyond the critical distance, it is highly unlikely that a VEC exists. Consideration of topographic gradient is key to defining the Areas of Concern (AOCs) within which Critical Distances are applied. When plume data is not available, AOCs are used in lieu of Critical Distance to determine whether a VEC exists or not. According to ASTM E2600, the AOCs for these critical distances are as follows:

- 1,760 feet (1/3 mile) for contamination located up-gradient of the Property, except for dissolved petroleum hydrocarbons, which have a distance of 528 feet (1/10 mile);
- 365 feet for contamination located cross-gradient of the Property;
- 100 feet for contamination located down-gradient of the Property, with the exception of dissolved petroleum hydrocarbons, which have a distance of 30 feet. If non-aqueous phase petroleum hydrocarbons (LNAPL) are present, the 100-foot distance is utilized.

The following is based upon the results of A3E's data collection, reconnaissance, and analysis.

Based on A3E's review of available information, several known releases of hazardous substances and/or petroleum products to soil or groundwater has been identified at the Subject, adjoining, or nearby properties, which would result in a VEC.

- The Subject Property was listed under the TANKS CHICAGO database records for a 275 gal. fuel oil UST that was installed on October 28, 1952. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that a VEC cannot be ruled out.
- The east adjoining property, 11421 S Halsted, (approximately 95 feet down-gradient) was listed under the TANKS CHICAGO database records for five (5) USTs that were installed in 1955 and removed in 1980 and 2007. Based on the removed status of the USTs and the lack of LUST related incidents, it is A3E's opinion that a VEC can be ruled out at this time.
- The east adjoining property, 11453 S Halsted, (approximately 95 feet down-gradient) was listed under the TANKS CHICAGO database records for six (6) USTs that were installed in 1948/1965 and removed in 1992. A LUST was discovered during the removal process and received regulatory closure as of 1992. Based on the removed status of the USTs and the issuance of an NFR, it is A3E's opinion that a VEC can be ruled out at this time.
- The south adjoining property, 11500 S Halsted, (approximately 65 feet cross-gradient) was listed under the TANKS CHICAGO database records for five (5) USTs that were removed in 1979. A LUST was discovered in 1992 and received regulatory closure as of 2003. Based on the removed status of the USTs and the issuance of an NFR, it is A3E's opinion that a VEC can be ruled out at this time.
- The south adjoining property, 833 W 115th St, (approximately 65 feet cross-gradient) was listed under the TANKS CHICAGO database records for a UST that was installed in 1986 and removed in 1991. A LUST was discovered during the removal process and received regulatory closure as of 2010. Based on the removed status of the USTs and the issuance of an NFR, it is A3E's opinion that a VEC can be ruled out at this time.

- The south surrounding property, 901 W 115th St, (approximately 65 feet cross-gradient) was listed under the TANKS CHICAGO database records for six (6) USTs that were installed from 1953 to 1979. Based on the removed status of the USTs and the lack of LUST related incidents, it is A3E's opinion that a VEC can be ruled out at this time.
- The south surrounding property, under the name Mobil / Equilon Enterprises / Shell Oil located at 11501 S Halsted St (approximately 115 feet down-gradient) was identified in the DELISTED LUST, LUST, LUST DOCUMENT, PERMITS CHICAGO, SPILLS, TANKS CHICAGO, and UST federal/state databases. A release (Incident No. 990250/ID 23151) occurred on the property (LPC No. 0316495058) on February 4, 2022. An unknown amount of gasoline was released from the onsite underground storage tanks. The site obtained an NFR letter, as of November 15, 2022. Based on the removal of the historical storage tanks, issuance of an NFR, and the presumed down-gradient relationship to the Subject Property, it is A3E's opinion that a VEC can be ruled out at this time.

An ASTM E 2600-15 Tier 1 assessment has not been requested for inclusion to this report and is beyond the scope of this ASTM E 1527-13 Phase I Environmental Site Assessment.

4.0 RECORDS REVIEW

The records review was performed to obtain and review reasonably ascertainable government records from standard sources to assist in identifying recognized environmental concerns in connection with the Subject Property.

4.1 Standard Environmental Records Review

A3E contracted Environmental Risk Information Services (ERIS) to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of "Unmapped" sites. Poor or inadequate address information, prohibits the ability of the site to be geocoded/mapped by ERIS, thus, information is provided based upon vicinity zip codes, city name, and state.

A3E cannot warrant the accuracy of the information but has made reasonable efforts to identify mistakes or errors in the information reviewed. A3E reviewed the data to identify sites that store, use, generate or dispose of hazardous substances and/or petroleum products. A3E also reviewed the data to identify sites that have had a release of hazardous substances and/or petroleum products and evaluated the potential of contaminant migration on the Subject Property or from offsite sources onto the Subject Property via soil, groundwater or vapor pathways.

A copy of the regulatory database report is included in the Appendix.

4.2 Federal & State Standard Database Review

4.2.1 Federal/State - Subject Property

The Subject Property, under various names, and addressed as 11414 / 11436 S. Halsted St was identified in the FINDS/FRS, ICIS, and TANKS CHICAGO federal/state databases.

- **FINDS/FRS:** The FINDS and FRS databases are indexing systems that are used to cross-reference various federal and state database listings. The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. These databases do not, in and of themselves, contain any data concerning environmentally significant information. This listing appear to reference a Agency Compliance And Enforcement

Systems (ACES) listing. Based on the facility not being identified on any other regulatory databases indicative of contamination, lack of documented release, and lack of active violations, it is A3E's opinion that the FINDS/FRS listing does not represent a REC.

- **ICIS:** The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program. The NPDES database lists industrial facilities with stormwater permits. The facility is not listed on any other database that would indicate a known or suspect release to the environment. Based on this information, it is A3E's opinion that the ICIS listing does not represent a REC.
- **TANKS CHICAGO:** This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the City of Chicago Department of Public Health's (CDPH) Tank Asset Database. The database reports indicated a 275 gal. fuel oil UST was installed on October 28, 1952. A FOIA request was submitted to the Office of the State Fire Marshall (OSFM) on October 17th, 2023 in reference to records of removal. The OSFM indicated no removal records exist on October 18, 2023. An additional FOIA request was submitted to the City of Chicago in regards to removal records on October 19, 2023. On October 26, 2023, CDPH indicated no additional records were located. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that the TANKS CHICAGO listing represents a REC.

4.2.2 Federal/State - Adjoining & Surrounding Properties

In determining if a listed site is a potential environmental concern to the Subject Property, A3E generally applies the following criteria to classify the site as a lower potential environmental concern:

- The site only holds an operating permit (which does not imply a release)
- The database is a cross-reference database and does not contain information that would identify or have knowledge of a release.
- The site has recently been granted "No Further Action" by the appropriate regulatory agency.
- The site's distance from the Subject Property,
- The site's topographic position, with respect to presumed groundwater flow relative (i.e. cross-gradient or down-gradient). A3E assumes the direction of groundwater flow is consistent with topographic contours depicted on the most current USGS Topographic Map depicting the

Subject Property and surrounding area. Accurate groundwater flow may be determined from actual well data or from A3E's experience and knowledge of the area.

A3E identified a closure report submitted to the IEPA LUST Section on November 27, 2002, requesting a NFR Letter for the south adjoining property addressed as 11500 South Halsted Street. The report contained groundwater data which indicates that the general groundwater flow direction in the area is to the east.

The east adjoining property, under the name McDonalds located at 11401 / 11421 S Halsted St (approximately 95 feet down-gradient) was identified in the TANKS CHICAGO, FINDS/FRS, and PERMITS CHICAGO federal/state databases.

- **FINDS/FRS:** The FINDS and FRS databases are indexing systems that are used to cross-reference various federal and state database listings. The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. These databases do not, in and of themselves, contain any data concerning environmentally significant information. Based on the information above, it is A3E's opinion that these listings do not represent a REC.
- **PERMITS CHICAGO:** The property was listed in the PERMITS CHICAGO database for kitchen improvement activities. No environmentally sensitive features or activities were noted in the database listing. Based on this information it is A3E's opinion that this database listing does not represent a REC.
- **UST / TANKS CHICAGO:** The database reports indicated the former presence of six (6) USTs on the property.
 - Four (4) 4,000 gallon gasoline UST were installed on October 25, 1955 and removed on January 17, 1980.
 - One (1) 1,000 gallon fuel oil UST was installed on October 25, 1955 and removed on January 17, 1980.
 - One (1) 1,150 gallon heating oil UST was removed on May 23, 2007.

A3E performed a review of the OSFM UST database and submitted a FOIA request to the OSFM regarding these database listings. No additional information beyond that provided in the database listings has been identified. Based on no reported releases at the property prior to or after the removal of the USTs and the down-gradient relationship to the Subject Property, it is A3E's opinion that these database listings do not represent a REC.

The east adjoining property, under the names First Cook Community and Quality Muffler, located at 11453 S Halsted St (approximately 95 feet down-gradient) was identified in the FINDS/FRS, IEPA DOCS, LUST, LUST DOCUMENT, RCRA NON GEN, SPILLS, TANKS CHICAGO, and UST federal/state databases.

- **FINDS/FRS:** The FINDS and FRS databases are indexing systems that are used to cross-reference various federal and state database listings. The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. These databases do not, in and of themselves, contain any data concerning environmentally significant information. Based on the information above, it is A3E's opinion that these listings do not represent a REC.
- **RCRA NON GEN:** The RCRA-Generator database is a listing of facilities that are required to register for tracking purposes due to the amount of hazardous waste generated. According to the RCRA-Generator database, this property was formerly a small quantity generator of ignitable waste. However the property has since been verified to be a non-generator of hazardous wastes with no violations reported. Based on this information, it is A3E's opinion that this database listing does not represent a REC.
- **UST / TANKS CHICAGO:** Reviewed databases indicate the following USTs are associated with the property:
 - One (1) 6,000 gal. gasoline (underground) storage tank was installed in 1965 and removed on March 26, 1992.
 - One (1) 8,000 gal. gasoline (underground) storage tank was installed in 1965 and removed on March 26, 1992.
 - One (1) 10,000 gal. gasoline (underground) storage tank was installed in 1965 and removed on March 26, 1992.
 - One (1) 2,000 gal. gasoline (underground) storage tank was installed in 1948 and removed on April 9, 1992.
 - One (1) 1,000 gal. gasoline (underground) storage tank was installed in 1948 and removed on April 9, 1992.
 - One (1) 550 gal. used oil (underground) storage tank was installed in 1948 and removed on April 9, 1992.

The historical UST system is associated with a LUST incident which occurred during overfilling of the system on February 5, 1992. Following the removal of the USTs from March to April 1992, a NFR Letter was issued on August 18, 1992. Please refer to the LUST discussion below for further

details. Based on the removed status of the USTs, the issued NFR Letter for the release, and the down-gradient relationship to the Subject Property, it is A3E's opinion that these database listings do not represent a REC.

- **LUST / SPILLS / IEPA DOCS / LUST DOCUMENT:** The Leaking Underground Storage Tank Incident Tracking (LIT) database identifies the status of all Illinois LUST incidents reported to the Illinois Emergency Management Agency (IEMA) and to the Illinois Environmental Protection Agency. A release (Incident No. 920332/ID 12437) occurred on the property (LPC No. 0316755040) on February 5, 1992. An unknown amount of gasoline was released due to overfilling of the historical UST system at the site. Following the removal of the UST system from March to April 1992, the site was issued an NFR letter, dated August 18, 1992. A3E performed a review of the IEPA Document Explorer and submitted FOIAs to the IEPA. No further documentation was identified for these database listings. Based on the removed status of the USTs, the issued NFR Letter for the release, and the down-gradient relationship to the Subject Property, it is A3E's opinion that these database listings do not represent a REC.

The east adjoining property, under the name Shirley Powell located at 11443 S Halsted St (approximately 95 feet down-gradient) was identified in the PERMITS CHICAGO federal/state database.

- **PERMITS CHICAGO:** The property was listed in the PERMITS CHICAGO database for installation of a furnace. No environmentally sensitive features or activities were noted in the database listing. Based on this information it is A3E's opinion that this database listing does not represent a REC.

The east adjoining property, under the name Rimond Jamou/INTER. DOUBLE DRIVE THRU located at 11449 S Halsted St (approximately 95 feet down-gradient) was identified in the PERMITS CHICAGO federal/state database.

- **PERMITS CHICAGO:** The property was listed in the PERMITS CHICAGO database for installation of a furnace and a gas powered dryer. No environmentally sensitive features or activities were noted in the database listing. Based on this information it is A3E's opinion that this database listing does not represent a REC.

The south adjoining property, under the name Citgo / Amoco Oil Co located at 11500 S Halsted St (approximately 65 feet cross-gradient) was identified in the AFS, AIR PERMITS, ICIS, PERMITS CHICAGO, TANKS CHICAGO, FINDS/FRS, IEPA DOCS, LUST, LUST DOCUMENT, RCRA NON GEN, SPILLS, AND UST federal/state databases.

- **UST / TANKS CHICAGO / LUST / SPILLS / IEPA DOCS:** The database reports indicated the presence of three (3) active and five (5) former USTs on the property.
 - Three (3) 10,000 gal. gasoline (underground) storage tanks were installed on January 1, 1979.
 - One (1) 6,000 gal. (underground) storage tank was removed on January 29, 1979.
 - One (1) 3,000 gal. (underground) storage tank was removed on January 29, 1979.
 - One (1) 2,000 gal. (underground) storage tank was removed on January 29, 1979.
 - One (1) 550 gal. (underground) storage tank was removed on January 29, 1979.
 - One (1) 500 gal. (underground) storage tank was removed on January 29, 1979.

A release (Incident No. 923184/ID 14265) was identified in the Leaking Underground Storage Tank Incident Tracking (LIT) database. The release occurred on the property (LPC No. 0316545010) on November 12, 1992. An unknown amount of gasoline was released via the onsite underground storage tanks. Documents available on the IEPA Document Explorer indicated the groundwater contamination was migrating towards the east and did not impact the Subject Property. The site obtained an NFR letter dated September 25, 2003. Based on the removed status of the five (5) historical USTs, the issuance of an NFR, and the presumed cross-gradient relationship to the Subject Property, it is A3E's opinion these databases are not considered a REC.

- **PERMITS CHICAGO:** The property was listed in the PERMITS CHICAGO database for the application for an underground storage tank, see above. Based on this information it is A3E's opinion that this database listing does not represent a REC.

- **RCRA NON GEN:** According to the RCRA-Generator database, this property was formerly a small quantity generator of ignitable waste. However the property has since been verified to be a non-generator of hazardous wastes with no violations reported. Based on this information, it is A3E's opinion that this database listing does not represent a REC.
- **FINDS/FRS / AFS / ICIS:** The FINDS and FRS databases are indexing systems that are used to cross-reference various federal and state database listings. The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. These databases do not, in and of themselves, contain any data concerning environmentally significant information. Based on the information above, it is A3E's opinion that these listings do not represent a REC.

The south adjoining property, under the name Walgreens / Chicago Housing Authority located at 833 W 115th St (approximately 65 feet cross-gradient) was identified in the ENG, FINDS/FRS, INST, LUST, LUST DOCUMENT, PCB, PERMITS CHICAGO, RCRA NON GEN, REM ASSESS, SPILLS, SRP, TANKS CHICAGO, and UST federal/state databases.

- **UST / TANKS CHICAGO:** The database reports indicated the presence of one (1) UST on the property.
 - One (1) 550 gal. used oil (underground) storage tank was installed on November 23, 1986 and removed on August 1, 1991.
- **LUST / SPILLS / INST/ SRP / ENG / PCB:** A release (Incident No. 921830/ID 13453) occurred on the property (LPC No. 0316755035) on November 1, 1991. An unknown amount of used oil was released due to overfilling of the onsite underground storage tank. Documents available on the IEPA Document Explorer indicated the possible extent of the contamination was migrating towards the east and did not impact the Subject Property. The site obtained an NFR letter, as of November 1, 2010 and was enrolled with the SRP with a comprehensive focus. A NFR letter was issued through the SRP on June 13, 2018. Based on the removal of the historical storage tanks, issuance of an NFR, and the presumed cross-gradient relationship to the Subject Property, it is A3E's opinion that the south adjoining property (833) does not represent a REC.
- **PERMITS CHICAGO:** The property was listed in the PERMITS CHICAGO database for installation of a compactor. No environmentally sensitive features or activities were noted in the database listing. Based on this information it is A3E's opinion that this database listing does not represent a REC.

- **RCRA NON GEN:** According to the RCRA-Generator database, this property was formerly a small quantity generator of ignitable waste. However the property has since been verified to be a non-generator of hazardous wastes with no violations reported. Based on this information, it is A3E's opinion that this database listing does not represent a REC.
- **FINDS/FRS:** The FINDS and FRS databases are indexing systems that are used to cross-reference various federal and state database listings. The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. These databases do not, in and of themselves, contain any data concerning environmentally significant information. Based on the information above, it is A3E's opinion that these listings do not represent a REC.

The south surrounding property, under the name Wilton Enterprises / Former CHA Warehouse located at 901 W 115th St (approximately 65 feet cross-gradient) was identified in the PERMITS CHICAGO, TANKS CHICAGO, and UST federal/state databases.

- **UST / TANKS CHICAGO / PERMITS CHICAGO:** The database reports indicated the presence of six (6) USTs on the property.
 - One (1) 3,000 gal. heating oil (underground) storage tank (no installation documents were provided).
 - One (1) 4,000 gal. (underground) storage tank was installed on October 7, 1953.
 - One (1) 4,000 gal. gasoline (underground) storage tank was installed on February 8, 1973 and later removed at an unknown date.
 - Three (3) 10,000 fuel oil (underground) storage tanks were installed on February 9, 1979. Please note that these tanks are associated with a historic address of 809 W. 115th St.

Based on the removal of the historical storage tanks, the presumed cross-gradient relationship to the Subject Property, and lack of reported releases from the current storage tanks, it is A3E's opinion that the south adjoining property (901) does not represent a REC.

The south surrounding property, under the name Mobil / Equilon Enterprises / Shell Oil located at 11501 S Halsted St (approximately 115 feet down-gradient) was identified in the DELISTED LUST, LUST, LUST DOCUMENT, PERMITS CHICAGO, SPILLS, TANKS CHICAGO, and UST federal/state databases.

- **UST / TANKS CHICAGO / PERMITS CHICAGO:** The database reports indicated the former presence of four (4) and three (3) active USTs on the property.
 - Two (2) 10,000 gal. gasoline (underground) storage tanks were installed on November 29, 1971 and was removed on August 8, 2001.
 - One (1) 8,000 gal. gasoline (underground) storage tank was installed on November 29, 1971 and was removed on August 8, 2001.
 - One (1) 1,000 gal. (underground) storage tank was installed on November 29, 1971.
 - One (1) 12,000 gal. gasoline (underground) storage tank was installed on February 6, 2002.
 - One (1) 8,000 gal. gasoline (underground) storage tank was installed on February 6, 2002.
 - One (1) 4,000 gal. diesel (underground) storage tank was installed on February 6, 2002.
- **LUST / SPILLS / LUST DOCUMENTS / DELISTED LUST:** A release (Incident No.990250/ID 23151) occurred on the property (LPC No. 0316495058) on February 4, 2022. An unknown amount of gasoline was released from the onsite underground storage tanks. The site obtained an NFR letter, as of November 15, 2022. Based on the removal of the historical storage tanks, issuance of an NFR, and the presumed down-gradient relationship to the Subject Property, it is A3E's opinion that the south adjoining property (11501) does not represent a REC.

Several surrounding properties were identified on various regulatory databases. However, based on the listed criteria above, it is A3E's opinion that these properties are not considered a REC.

4.3 Additional Federal, State, Tribal and Local Record Sources

ERIS also provided a search of additional federal and state databases. The list of records that were searched by ERIS can be reviewed in the Appendix.

4.4 Unmapped Site Summary

Thirteen (13) unmapped sites were identified in the database search. It does not appear that the unmapped site/s listed in the database report represent a REC based on review of limited descriptions provided in the report.

4.5 Regulatory Agency File and Records Review

In accordance with the ASTM Standard, if the Subject Property or any of the adjoining properties is identified on one or more of the standard environmental record sources, a regulatory file and records review should be conducted, unless it is the environmental professional's opinion that such a review is not warranted.

The Subject and adjoining properties were identified within the TANKS CHICAGO database. A3E requested documentation regarding the listing from the OSFM on October 17, 2023 and the City of Chicago Department of Public Health (CDPH) on October 19, 2023.

- The OSFM indicated no records exist on October 18, 2023.
- On October 26, 2023, CDPH indicated no additional records were located.

Additional documents were available on the Illinois Environmental Protection Agency (IEPA) Document Explorer and discussed in the appropriate sections above.

4.6 Freedom of Information Act Requests

4.6.1 Local Government Official Interview(s)

Local government officials were interviewed by A3E either in person, in writing, or by telephone. FOIA responses that were not received at the time of the completion of this ESA will be reviewed by A3E when the information becomes available. If the reviewed information significantly alters A3E's findings and conclusions, an addendum to this assessment will be issued. Responses not received within 20 calendar days of the initial request for information are considered not *reasonably ascertainable* per the ASTM Standard.

Interviews with local government officials are described below.

4.6.1.1 Local Fire Department

A3E contacted Chicago Fire Department requesting records relate to spills, releases, or storage tanks at the Subject Property.

The Chicago Fire Department provided the following documents to A3E on October 17, 2023.

- Building Annual Inspection / Tenant Annual Inspection
 - Completed in 2015, 2018, 2021, and 2022 - PASS
 - Code Violations - NONE

- Hazardous Materials - NONE

4.6.1.2 Municipal/State/Other

A3E submitted a request for information regarding UST records from Office of the State Fire Marshall (OSFM) on October 17, 2023.

Name/Title	Nancy Robinson, Associate General Counsel – FOIA Officer
Department	Office of the State Fire Marshal
Telephone/Email	217-785-1011
Interview Type	FOIA
Date of Interview	October 17, 2023
Details	A response from the OSFM, dated October 18, 2023, indicated that no records were on file in relation to the TANKS CHICAGO listings for the Subject and/or adjoining properties.

4.6.2 Building Department Records

As part of the Phase I ESA, A3E requested building department records from the City of Chicago Department of Buildings.

At the time of this report, the Chicago Department of Building (DOB) had not yet responded to the request for information. In accordance with Sections 8.1.4 and 8.1.5 of the ASTM Standard, this information will be considered not *reasonably ascertainable* if not provided within 20 calendar days. Any information received within 20 calendar days will be reviewed by A3E. If any of the information has a significant impact on the findings and opinions of this report, A3E will issue an addendum as soon as practical.

5.0 PROPERTY INSPECTION

A3E conducted a site inspection of the Subject Property. Refer to [Section 8.1](#) for limitations encountered during the inspection and [Section 4.2](#) for a description of the Subject Property operations. Photographs of the Subject Property and surrounding properties are included in the [Site Photographs Appendix](#).

Site Reconnaissance Date	October 13, 2023
Site Assessor(s)	Nicole Axtolis
Escort/Relationship to Subject Property	No escort provided
Areas Observed	The exterior of the Subject Property and adjoining properties were observed during site reconnaissance.
Areas Not Observed/Reason	Due to the restricted access to the building during the site reconnaissance, A3E was unable to observe interior site conditions. Therefore, it is unknown if environmentally sensitive conditions exist in the interior portions of the building. Based on this information, it is A3E's opinion that this data gap impacts the site reconnaissance findings of the report.
Weather	Cloudy and 57°F

5.1 Methodologies and Limiting Conditions

The site inspection included visual observation of the Subject Property, Subject Property boundaries, and adjoining properties to document and/or identify evidence of Recognized Environmental Conditions.

Adjoining properties were viewed from locations on the Subject Property or public right-of-ways.

A3E was not provided access to the interior of the building located on the Subject Property. Due to the restricted access to the building during the site reconnaissance, A3E was unable to observe interior site conditions. Therefore, it is unknown if environmentally sensitive conditions exist in the interior portions of the building. Based on this information, it is A3E's opinion that this data gap impacts the site reconnaissance findings of the report.

5.2 Interior and Exterior Observations

Not Observed	Interior	Exterior	Environmental Condition	REC
✓			Hazardous substances and petroleum products	
✓			Storage Tanks	
✓			Odors	

Not Observed	Interior	Exterior	Environmental Condition	REC
✓			Pools of Liquid	
✓			Drums	
✓			Polychlorinated biphenyls (PCBs)	
✓			Pits, ponds, or lagoons	
		✓	Stained soil or pavement	De Minimis
✓			Stressed vegetation	
✓			Solid Waste Disposal/Evidence of Fill Materials	
✓			Wastewater	
		✓	Storm Water	No
✓			Wells	
✓			Septic Systems	
✓			Drains or Sumps	
		✓	Other Environmental Conditions	No

5.2.1 Stained Soil or Pavement

Staining was observed along the northern elevation of the Subject building. The staining was located on the concrete near the warehouse doors. A single storm drain was observed in the vicinity. Based on the size and superficial nature of the staining, it is A3E's opinion that the staining is considered *de minimis*.

5.2.2 Storm Water

Storm water infiltrates into soil, landscaped and gravel covered areas, or discharges into on-site storm water collection features. These features include storm drains in the paved parking lot on the west side of the property. No visual indications of oil or other pollutants were noted in the vicinity of the drains. Based on the drainage being transported offsite to the city municipal system and no visible signs of staining or hazardous debris, it is A3E's opinion that storm water removal does not represent a REC.

5.2.3 Other Environmental Conditions

Four (4) vertical pipes were observed along the northern elevation of the Subject Property building. The pipes were segmented metal, approximately 20-25 feet in length, with a singular metal box covering the top portion. The pipes are believe to be electrical in nature with no environmental concerns noted.

5.3 Adjoining Property Reconnaissance

The ASTM Standard Practice defines adjoining properties as "any real property or properties, the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them."

During the site inspection, A3E observed the following land use on adjoining properties.

Not Observed	Observed	Environmental Condition	REC
	✓	Hazardous substances and petroleum products	No
	✓	Storage Tanks	No
✓		Odors	
✓		Pools of Liquid	
✓		Drums	
	✓	Polychlorinated biphenyls (PCBs)	No
✓		Pits, ponds, or lagoons	
✓		Stained soil or pavement	
✓		Stressed vegetation	
✓		Solid Waste Disposal/Evidence of Fill Materials	
✓		Wastewater	
✓		Wells	
✓		Septic Systems	
✓		Other Environmental Conditions	

Adjoining Property Summary

A3E identified the following visual evidence of environmentally sensitive conditions during the site reconnaissance of the adjoining properties.

- The south adjoining property (11500 S. Halsted St) was noted to be an active gas station at the time of site reconnaissance. The property is associated with a historical LUST first documented in 2003. Documents available on the IEPA Document Explorer indicated the groundwater contamination was migrating towards the east and did not impact the Subject Property. The site obtained an NFR letter, as of September 5, 2003. Based on the issuance of an NFR and the presumed cross-gradient relationship to the Subject Property, it is A3E's opinion that the south adjoining property (11500) does not represent a REC.

- One (1) pole-mounted transformer was observed on the northwest adjoining property. The transformer did not have any 'Non-PCB' labels. The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. A3E did not observe evidence of spills, staining, or leaks on or around the transformer. Based on observations, it is A3E's opinion that transformer is not indicative of a REC.

6.0 ADDITIONAL (NON-SCOPE) SERVICES

Additional non-scope considerations are environmental conditions in connection with the *property* that are outside the scope of the Phase I ESA practice. If specifically requested by Client, evaluations of non-scope considerations are discussed further below.

6.1 Asbestos-Containing Building Materials

A3E has conducted a limited, visual evaluation of accessible areas for the presence of suspect ACMs at the Subject Property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to ACM.

The Subject Property building was constructed at a time when the use of ACM was common. An ACM Survey conducted by SECOR on June 13, 1995, indicated three (3) samples tested positive for ACM. In the event of further damage, renovation, or demolition, the suspect ACMs should be properly assessed for asbestos and handled in accordance with federal, state and local regulations.

6.2 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones; Zone 1 (Exceed 4.0 pCi/L), Zone 2 (2.0-4.0 pCi/L), and Zone 3 (less than 2.0 pCi/L). The US EPA recommends additional action for radon concentrations above 4.0 pCi/L). The information below is for general informational purposes only and does not constitute a radon survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to radon.

The Subject Property was identified to be in Zone 2, below the US EPA recommendation for additional action. No sampling was performed to determine site-specific radon concentrations.

6.3 Lead-Based Paint

A3E conducted a limited, visual evaluation of accessible areas for the presence of suspect Lead Based Paint (LBP). Lead was commonly used as a paint additive prior to 1972. In 1978, the use of LPB was banned completely for consumer products, although

such products may still be used for industrial/military applications. The information below is for general informational purposes only and does not constitute a LBP survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to LBP.

Based on the age of the building, LBP may be present. An LBP Survey conducted by SECOR on June 13, 1995, indicated none of the samples tested positive for LBP. However, in the event of further renovation, demolition or other construction activities that would disturb painted surface, A3E recommends a survey be completed to reconfirm the present or absence of LBP.

6.4 Lead in Drinking Water

The information below is for general informational purposes only and does not constitute an analysis of lead in drinking water. In addition, the information is not intended to comply with federal, state, or local regulations in regard to lead in drinking water.

The Subject Property receives its drinking water from the municipal system. According to the most current Consumer Confidence Report, for the year 2022 the water supplied to the Subject Property reportedly meets federal and state drinking water standards, including those for lead and copper.

6.5 Vapor Intrusion Pathway

ASTM E 2600 Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions, which reviews the potential for vapor intrusion conditions, was considered beyond the scope of work and was not conducted as part of this Phase I ESA.

6.6 Other Considerations

Mold growth will often occur when excessive moisture or water accumulates indoors. Mold, if present will not visually manifest itself. Neither the site assessor, nor A3E has any liability for the identification of mold-related concerns and this Phase I ESA should not be construed as a mold survey or inspection. This concern is intended to give the client an indication of the potential presence of mold at the Target Property. Additional areas of water intrusion and/or mold growth not observed during this limited assessment may be present.

No additional environmental issues were considered as part of this assessment.

6.7 Emerging Contaminants

Several substances are not defined as hazardous substances under CERCLA, including some substances sometimes generally referred to as "emerging contaminants". These substances are not considered hazardous substances unless or until the substances are classified as such under CERCLA are not included in the scope of this practice. These substances may include: (1) some substances that occur naturally or through biological digestion (for example, methane), and (2) substances about which human understanding is evolving (for example, per- and polyfluoroalkyl substances, also known as "PFAS"). However, some of these substances may be considered a "hazardous substance" (or equivalent) under applicable state laws.

A3E did not identify known or suspect evidence of "emerging contaminants" associated with the Subject Property.

7.0 CONCLUSIONS AND RECOMMENDATIONS

A3 Environmental, LLC (A3E) performed this *Phase I Environmental Site Assessment (ESA)* in conformance with the scope and limitations of The American Society for Testing and Materials (ASTM) Standard Practice for *Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-13)*, the United States Environmental Protection Agency (USEPA) *All Appropriate Inquiry (40 CFR 312)*, for the Commercial/Industrial Property located at 11414 S. Halsted St in Chicago, Cook County, IL (hereinafter referred to as the Subject Property). The Phase I ESA is designed to provide The City of Chicago Department of AIS with an assessment concerning environmental conditions (limited to those issues identified in [Section 2.7](#) and [8.1](#)) as they exist at the Subject Property.

Subject Property Description	
Property Name	Commercial/Industrial Property
Property Address	11414 S. Halsted St
Historical/Additional Addresses	11458 S. Halsted (per 1975 and 1987 FIM)
City, County, State, Zip	Chicago, Cook County, IL 60628
Location	Located on the northwest corner of the intersection of S. Halsted Street and W. 115th Street.
Vicinity Characteristics & Adjoining Property Use	The Subject Property is located in a commercial land use area. The adjoining properties are currently vacant lots, residential dwellings, and additional commercial establishments to the south and east.
Property Use	Commercial
Number of Parcels/ Parcel Number(s)	Two (2); 25-20-226-017, 25-20-226-018
Size/Acres	6.39 acres (Tax Assessor)
Number of Buildings & Description	One (1) Vacant commercial structure
Date of Construction	1976 (Fire Insurance Maps)
Gross Building Area (SF)	67,000 SF (City of Chicago Department of Planning and Development)
Occupant/Current Use	The Subject Property is currently unoccupied.
Hazardous Material Use	Hazardous materials are not currently handled or generated at the property.

Site Reconnaissance Summary	
Subject Property	A3E observed the Subject Property to be developed with an unoccupied commercial storefront and parking lot areas. No access was provided to the interior of the building. Conditions observed include <i>de minimis</i> staining in the exterior areas on the northern side of the building. Please refer to Section 5.2 for further discussion.
Adjoining Properties	A3E observed the adjoining properties and identified several environmentally sensitive occupants at the time of the site visit. Refer to Section 5.3 for further discussion.

Historical Summary	
Historical Summary of Subject Property	<p>The Subject Property was first depicted as developed, urban land in the 1938 Aerial Photographs. The property was redeveloped in 1952 with several buildings. The 1975 Fire Insurance Map (FIM) and associated City Directories indicated the property was utilized as a golf course from 1952 to 1973. The property was redeveloped again in 1976 as a grocery store until 2008. Victors Valet (dry cleaning facility) was listed as a brief occupant in 2011.</p> <p>Refer to Section 3.2.1 for further discussion.</p>
Historical Summary of Adjoining Properties	<p>The adjoining properties were developed for residential to commercial land-use beginning in 1938. The parcels underwent reconfiguration between 1952 and 1984.</p> <p>Historical review of the available City Directories indicated that several environmental concerns have occupied the north, east, south, and west adjoining properties since their initial development. Please refer to Section 3.2.2 for further discussion.</p>
Regulatory Summary	
Regulatory Summary of Subject Property	<p>The Subject Property was identified in the FINDS/FRS, ICIS, and TANKS CHICAGO federal/state databases.</p> <p>The Subject Property was identified in the TANKS CHICAGO federal/state database for a 275 gal. fuel oil UST installed on October 28, 1952. The OSFM indicated no removal records exist in reference to the existence of the UST. The City of Chicago was also contacted in regard to installation, removal, and/or inspection records. On October 26, 2023, CDPH indicated no additional records were located. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that the TANKS CHICAGO listing represents a REC.</p> <p>Refer to Section 4.2.1 for further discussion.</p>
Regulatory Summary of Adjoining Properties	Several adjoining properties were identified in the ASTM standard federal and state database search. Refer to Section 4.2.2 for further discussion.

7.1 Findings & Opinions

Recognized Environmental Condition (REC) is defined by ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat or a future release to the environment.

This assessment has revealed the following evidence of known or suspect RECs in connection with the Subject Property.

- The Subject Property was identified in the TANKS CHICAGO federal/state database. The database reports indicated a 275 gal. fuel oil UST was installed on October 28, 1952. A FOIA request was submitted to the Office of the State Fire Marshall (OSFM) on October 17th, 2023 in reference to records of removal. The OSFM indicated no removal records exist on October 18, 2023. An additional FOIA request was submitted to the City of Chicago in regard to removal records on October 19, 2023. On October 26, 2023, the CDPH indicated no additional records were located. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that the TANKS CHICAGO listing represents a REC.
- Victors Valet (dry cleaning facility) was listed as an occupant of the Subject Property in 2011. Although the listing was brief, the potential exists for a release, impacting the sub surface soils and groundwater. Therefore, it is A3E's opinion that this is considered a REC.
- The east adjoining property at 11451 S. Halsted Ave was occupied by service and gas stations in the 1960 to 1978 City Directories. No records indicating the installation or removal of any USTs were identified. Based on this information, it is A3E's opinion that the east adjoining property represents a REC.

Controlled Recognized Environmental Condition (CREC) is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substance or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

A3E did not identify evidence of CRECs during this assessment.

Historical Recognized Environmental Condition (HREC) is defined by ASTM Standard Practice 1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

A3E did not identify evidence of HRECs during this assessment.

De Minimis Condition is defined as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not Recognized Environmental Conditions or controlled Recognized Environmental Conditions as defined by the ASTM Standard Practice 1527-13.

De Minimis Conditions were identified during this assessment:

- Staining was observed along the northern elevation of the Subject building. The staining was located on the concrete near the warehouse doors. A single storm drain was observed in the vicinity. Based on the size and superficial nature of the staining, it is A3E's opinion that the staining is considered *de minimis*.

Business Environmental Risks/Non-Scope Considerations warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice 1527-13. These include, but are not limited to, business environmental considerations such as the presences of asbestos containing materials (ACMs), lead-based paints (LBPs), radon, mold, lead in drinking water, and PFAS, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the property.

The following Business Environmental Risks/Non-Scope Considerations were identified:

- The Subject Property building was constructed at a time (1976) when the use of ACM was common. An ACM Survey conducted by SECOR on June 13, 1995 indicated three (3) samples tested positive for ACM. In the event of further damage, renovation, or demolition, the suspect ACMs should be properly reassessed for asbestos and handled in accordance with federal, state and local regulations.
- Based on the age (47 years) of the building, LBP may be present. An LBP Survey conducted by SECOR on June 13, 1995 indicated none of the samples tested positive for LBP. However, in the event of further renovation, demolition or other construction activities that would disturb painted surface, A3E recommends a survey be completed to reconfirm the present or absence of LBP.

Significant Data Gaps are defined as a lack of or inability to obtain information required by the Phase I ESA ASTM despite good faith efforts by the environmental professional to gather such information to identify recognized environmental conditions.

The following significant data gap was identified:

- Due to the restricted access to the building during the site reconnaissance, A3E was unable to observe interior site conditions. Therefore, it is unknown if environmentally sensitive conditions exist in the interior portions of the building. Based on this information, it is A3E's opinion that this data gap impacts the site reconnaissance findings of the report.

7.2 Conclusions & Recommendations

A3 Environmental, LLC (A3E) performed this *Phase I Environmental Site Assessment (ESA)* in conformance with the scope and limitations of the (ASTM) Practice E1527-13, for the Commercial/Industrial Property located at 11414 S. Halsted St in Chicago, Cook County, IL (the 'Subject Property'). Any exceptions to, or deletions from, this assessment are described in [Section 2](#) of this report.

This assessment has revealed the following evidence of known or suspect RECs connection with the Subject Property.

- The Subject Property was identified in the TANKS CHICAGO federal/state database. The database reports indicated a 275 gal. fuel oil UST was installed on October 28, 1952. A FOIA request was submitted to the Office of the State Fire Marshall (OSFM) on October 17th, 2023 in reference to records of removal. The OSFM indicated no removal records exist on October 18, 2023. An additional FOIA request was submitted to the City of Chicago in regards to removal records on October 19, 2023. On October 26, 2023, the CDPH indicated no additional records were located. Based on the lack of removal records and the potential impacts to the subsurface over the past 70 years, it is A3E's opinion that the TANKS CHICAGO listing represents a REC.
- Victors Valet (dry cleaning facility) was listed as an occupant of the Subject Property in 2011. Although the listing was brief, the potential exists for a release, impacting the sub surface soils and groundwater. Therefore, it is A3E's opinion that this is considered a REC.
- The east adjoining property at 11451 S. Halsted Ave was occupied by service and gas stations in the 1960 to 1978 City Directories. No records indicating the installation or removal of any USTs were identified. Based on this information, it is A3E's opinion that the east adjoining property does represent a REC.

Based on the findings of this Phase I ESA, A3E recommends additional investigation or inquiry to evaluate Recognized Environmental Conditions identified in this report.

On-Site Concerns

PIN#	Pathways	COCs	RECs	Current/Historic Land Uses	Acreage	Address
25202260180000	Vapor Encroachment, Soil ingestion/inhalation, Groundwater ingestion, Construction Worker ingestion/inhalation	VOCs, BTEX, Lead, TCLP, and MTBE	Refer to Section 7.2	Unoccupied Commercial Storefront	6.33 acres	11420 Halsted St
25202260180000	Vapor Encroachment, Soil ingestion/inhalation, Groundwater ingestion, Construction Worker ingestion/inhalation	VOCs and PNAs	Refer to Section 7.2	Unoccupied Commercial Storefront	6.33 acres	11420 Halsted St

Off-Site Concerns

PIN#	Pathways	COCs	RECs	Current/Historic Land Uses	Acreage	Address
25211240280000	Vapor Encroachment, Soil ingestion/inhalation, Groundwater ingestion, Construction Worker ingestion/inhalation	VOCs, BTEX, Lead, TCLP, and MTBE	Refer to Section 7.2	Commercial Storefront	0.34 acres	11451 Halsted St

7.3 Signatures and Environmental Professional Statement

Report Writer:



Nikki Axtolis
Project Geologist

Senior Reviewer:



Colleen Stull
Sr. Project Manager

The following personnel contributed to the preparation of this Phase I ESA under the direct charge of the environmental professional(s) signed below:

Site Assessor:



Nikki Axtolis
Project Geologist

7.4 Environmental Professional Statement/AAI Certification

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312 of 40 CFR Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the *property*. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR 312.



Colleen Stull
Sr. Project Manager

8.0 REFERENCES

Resources	Agency/Provider/Contact Information	Date
Phase I Guidelines	ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, November 2013 (ASTM 1527-13)	November 2013
Environmental Records	ERIS Database Report	October 2023
Physical Setting Report	ERIS Physical Setting Report	October 2023
Aerial Photographs	ERIS Historical Aerial Report	October 2023
Fire Insurance Maps	ERIS Fire Insurance Maps	October 2023
Property Tax Files	Cook County website	October 2023
Land Title Records	Cook County GIS	October 2023
USGS Topographic Maps	ERIS PSR or the USGS Historical Topographic Map Explorer https://livingatlas.arcgis.com/topoexplorer/index.html	October 2023
Local Street Directories	ERIS Historical City Directories	October 2023
Building Department Records	Chicago municipal office	October 2023
Zoning/Land Use Records	Chicago Zoning Map	October 2023
Environmental & Activity Land Use Controls	Environmental Lien Search Report	N/A
Geological Information	ERIS Physical Setting Report (PSR)	October 2023
Soils Information	ERIS Physical Setting Report (PSR) or United States Department of Agriculture Natural Resources Conservation Service (http://www.soils.usda.gov/)	October 2023
Flood Information	ERIS PSR or Federal Emergency Management Agency (FEMA) (http://www.fema.gov)	October 2023
Wetland Information	ERIS PSR or National Wetlands Inventory On-line Mapper, U.S. Fish and Wildlife Service Website (http://www.fws.gov/wetlands/data/mapper.HTML)	October 2023
Groundwater Information	ERIS PSR or USGS Groundwater Watch website https://groundwaterwatch.usgs.gov/default.asp	October 2023

Appendix A

Qualifications of Environmental

Professionals



Nicole B. Axtolis

Project Geologist

Qualifications Summary:

Ms. Axtolis is an environmental scientist with 1 years of experience in environmental assessments. Her experience lies in project set-up and administration, reporting, and data management. Her experience includes work for the collateral transactions and redevelopment of commercial properties, retail properties, abandoned industrial and warehouse properties and facilities including railroads and various manufacturing facilities.

Ms. Axtolis has a strong working knowledge of Phase I and Phase II Environmental Site Assessments (ESAs) and has completed them for a wide range of local and national clients including lending institutions, real estate owners, real estate investment trusts, private equity investment firms, and many others, all in accordance with the applicable American Society for Testing and Materials (ASTM) Standards and Guidelines, United State Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) rules, Housing and Urban Development (HUD) Multi-family Accelerated Processing (MAP) guidelines and other client specific scopes of work.

Ms. Axtolis's environmental background includes a detailed understanding of the risks and compliance needs associated with hazardous and regulated materials storage, use, generation and disposal, aboveground and underground storage tanks (ASTs and USTs), polychlorinated biphenyls (PCBs), asbestos-containing materials (ACM), lead-based paint (LBP), mold, and radon. She is skilled in the research requirements necessary for the preparation of Phase I ESAs including historical land use, regulatory, physical, and geological sources, and governmental research, including title as well as activity and use limitation (AUL) requirements. Ms. Axtolis has also conducted various Phase II subsurface investigations to assess the horizontal and vertical extent of soil, groundwater and soil vapor contamination at industrial facilities.

Areas of Expertise:

- Client Management
- Project Management/ Administration
- Soil/Groundwater Sampling
- Soil Gas Sampling
- Environmental Site Assessments

Education:

- Bachelor of Science, Geology
 - Illinois State University, 2019

Registrations & Training:

- OSHA 40-hour HAZWOPER



■ Representative Project Experience

Transactional Screens with Interpretation, *Various Locations*

Performed several environmental screens nationwide for residential, commercial, and industrial properties. Performed a review of state and federal government databases and deliver a professional opinion letterhead as to whether a property is at high or low risk and if further investigation is necessary.

Records Search with Risk Assessment (RSRA), *Various Locations*

Performed several Records Search with Risk Assessment (RSRAs) nationwide for residential, commercial, and industrial properties. Performed extensive reviews of historical records including state and federal databases, aerial photographs, topographic maps, fire insurance maps, and city directories, in order to make a high or low risk determination on the property at hand.

Phase I Environmental Site Investigations, *Various Locations*

Performed several Phase I ESAs and transaction screens across the Midwest and nationwide. Property types have included residential, light, and heavy industrial/manufacturing facilities, commercial buildings, and agricultural properties. Assessment activities include a site reconnaissance, historical data collection and analysis, regulatory database review, and report preparation. All reporting has been prepared in accordance with ASTM 1527 and 1528 standards as well as client-specific specifications.

Phase II Environmental Site Assessments, *Illinois*

Participated in multiple Phase II ESA investigations, including the collection of surface and subsurface soil samples, installation of temporary monitoring wells, and groundwater sampling. Reviewed analytical data, compared data to the applicable regulatory agency objectives and authored reports.

Desktop Pin Reviews, *Chicago, Illinois*

Ms. Axtolis has performed several Desktop Reviews of vacant lots for the City of Chicago. The reviews of historical records including state databases, fire insurance maps, and city directories, in order to make a risk determination for the properties at hand.

Construction Contractor Oversight, Chicago Public Schools System (CPS), *Chicago, Illinois*

Performed the environmental oversight of construction contractors on multiple projects including the construction of schools, residential facilities, and soil removal. Tasks included management of proper soil disposal, on-site management of soil removal and disposal, and report writing.

PCB Sample Management, NICOR, *Northern Illinois*

Ms. Axtolis manages the intake and processing of polychlorinated biphenyls (PCB) samples, client management, manifest organization, and correspondence of analytical results with Nicor clientele.



COLLEEN L. STULL

Senior Project Manager

Qualifications Summary:

Colleen L. Stull is a Sr. Project Manager for A3 Environmental, LLC. She has more than 6 years of experience in environmental consulting, encompassing field work and office work for a wide variety of projects for local and state governments as well as private industries. In addition, she has over 1 year of experience performing ecological services including wetland delineations. Her sound understanding of actual and potential challenges on both simple and complex projects has enabled her to navigate clients cost-effectively and quickly through all types of environmental issues.

Ms. Stull has a strong working knowledge of Phase I and Phase II Environmental Site Assessments and has completed them for a wide range of local and national clients all in accordance with the applicable American Society for Testing and Materials Standards and Guidelines, United States Environmental Protection Agency All Appropriate Inquiry rules, Housing and Urban Development Multifamily Accelerated Processing guidelines and other client specific scopes of work.

Ms. Stull's environmental background includes a detailed understanding of the risks and compliance needs associated with hazardous and regulated materials storage, use, generation and disposal, aboveground and underground storage tanks, polychlorinated biphenyls, asbestos-containing materials, lead-based paint, mold, and radon. She is skilled in the research requirements necessary for the preparation of Phase I ESAs including historical land use, regulatory, physical, and geological sources, and governmental research, including title as well as activity and use limitation (AUL) requirements. Ms. Stull has also conducted and managed various Phase II subsurface investigations to assess the horizontal and vertical extent of soil, groundwater and soil vapor contamination at underground storage tank sites as well as industrial facilities, including dry cleaners and industrial manufacturers.

Areas of Expertise:

- Client Management
- Project Management
- Soil/Groundwater Sampling
- Soil Gas Sampling
- Environmental Site Assessments
- Soil/Groundwater Remediation
- Risk Assessments
- LUST/VCP

Education:

- Bachelor of Science, Earth Sciences, Northeastern Illinois University, 2014

Registrations & Training:

- OSHA 40-hour HAZWOPER
- Basic Wetland Delineation Course Certificate – Wetland Training Institute - 2021

■ Representative Project Experience

Phase I Environmental Site Investigations, Various Locations

Performed several Phase I ESAs and transaction screens across the Midwest. Property types have included residential, industrial zones, commercial buildings, and agricultural properties. Assessment activities include a site reconnaissance, historical data collection and analysis, regulatory database review, and report preparation. All reporting has been prepared in accordance with ASTM 1527 and 1528 standards as well as client-specific specifications.

Phase II Environmental Site Investigations, Various Locations

Participated in multiple Phase II ESA investigations, including the collection of surface and subsurface soil samples, installation of temporary and permanent monitoring wells, and groundwater sampling. Reviewed analytical data, compared data to the applicable regulatory agency objectives and authored reports.

Construction Contractor Oversight, Chicago Public Schools System (CPS)/Illinois Department of Transportation (IDOT), Chicago, Illinois

Performed the environmental oversight of construction contractors on multiple projects including the construction of schools, residential facilities, and soil removal. Tasks included management of proper soil disposal, on-site management of soil removal and disposal, and report writing.

Illinois Department of Transportation, Preliminary Environmental Site Assessment (PESA) and Preliminary Site Investigation (PSI), Various Locations

Supervised the completion of environmental reports supporting IDOT development projects across Illinois. Her involvement included developing the scope, oversight, coordination, sample collection, data analysis, soil disposal classification, and reporting in accordance with IDOT standards.

Site Investigation/ Reporting, Various Locations

Involvement in investigations included remediation oversight, performing comprehensive site investigations, reviewing analytical data and historical information. This also included the oversight of cleanup activities, daily report writing, and collection of soil samples in a residential area, as well as interacting with members of the community to answer questions about project work. Also, prepared Comprehensive/Focused Site Investigation reports, Corrective Action Plans and Completion Reports.

Management of Chicago Housing Authority Environmental Project Portfolio, Various Locations

Managed environmental projects ranging from Phase I ESAs through enrollment into the Illinois Environmental Protection Agency (IEPA) Site Remediation Program (SRP). Tasks included preparation of invoices, review of contractor submittals, soil and groundwater investigations, on-site management of soil removal and disposal, and preparation of final closure reports.

Wetland Delineations, Various Locations in Illinois

Assisted in field delineation of wetlands according to US Army Corps of Engineers' Wetland Delineation Manual, for an approximately 5.82-acre parcel planned for sewer installment being routed underneath I-57 located in Peotone, Illinois.

Assisted a client in determining how to mitigate for future development of an 0.8-acre wetland on the 36-acre property owned by the client and facilitating the purchase of wetland mitigation credits by the client; DeKalb, Illinois.

Leaking Underground Storage Tank (LUST), Various Locations in Illinois

Experienced with supervising the removal of numerous USTs for commercial and residential properties. Her involvement included developing the scope, coordinating UST removal activities, collecting confirmation soil samples, supervising soil removal activities, and preparing the required budgeting and reporting in accordance with applicable regulatory agencies.



Thomas Bouleanu

Senior Project Manager

Qualifications Summary:

Thomas Bouleanu is currently a Senior Project Manager with eight years of experience. Mr. Bouleanu conducts and manages Phase I and Phase II Environmental Site Assessments, Site Remediation Program (SRP) projects, Leaking Underground Storage Tank (LUST) projects, and Risk Assessments in numerous states. Mr. Bouleanu is familiar with Illinois specific programs, including waste characterization and landfill disposal procedures for remedial sites and soil design projects. Additionally, Mr. Bouleanu performs Baseline Environmental Assessments (BEAs) and prepares Due Care Plans (DCPs) in the State of Michigan. Mr. Bouleanu proposes on, executes, prepares regulatory reports, and manages environmental projects throughout the Midwest.

Mr. Bouleanu manages A3E contracts with the City of Chicago Department of Assets, Information, and Services (AIS), Chicago Public Schools (CPS), and Commonwealth Edison (ComEd). Mr. Bouleanu prepares proposals and bids for both private and government clients, manages project staff, and conducts fieldwork for soil, groundwater, soil gas, and air monitoring events. Mr. Bouleanu also has expertise in managing and executing geotechnical and geophysical investigations to provide various engineering and environmental recommendations to clients nationwide.

Areas of Expertise:

- Client Management
- Project Management
- Marketing and Client Facing
- LUST/SRP
- Subsurface Characterization
- Contamination Modeling
- Remedial Design and Oversight
- Environmental Site Assessments
- Risk Assessments
- Soil Management and Disposal
- Air Monitoring

Education:

- Bachelor of Science
Geological Sciences,
Illinois State University,
2016

Registrations & Training:

- G.I.T Certification (California)
- OSHA 40-hour HAZWOPER

■ Representative Project Experience

Phase I Environmental Site Investigations, *Various Locations*

Serves as a senior reviewer for Phase I ESAs and transaction screens across the Midwest and nationwide. Property types have included residential, light, and heavy industrial/manufacturing facilities, commercial buildings, and agricultural properties. Assessment activities include site reconnaissance, historical data collection and analysis, regulatory database review, and report preparation. All reporting has been prepared in accordance with ASTM 1527 and 1528 standards as well as client-specific specifications. Mr. Bouleanu specializes in performing Phase I ESAs for industrial facilities with complex regulatory backgrounds.

Phase II Environmental Site Assessments, Various Locations

Mr. Bouleanu develops and executes scopes of work for numerous Phase II ESAs across the state of Illinois and the Midwest. Utilizing his knowledge of Illinois environmental regulations, Mr. Bouleanu has conducted numerous Phase II ESAs on complex sites including gas station facilities, plating facilities, dry cleaning facilities, and automotive facilities. Mr. Bouleanu performs the collection of surface and subsurface soil samples, soil gas samples, indoor and outdoor air samples, installation of temporary and permanent monitoring wells, and groundwater sampling. Additionally, Mr. Bouleanu is able to perform aquifer testing, deep groundwater sampling, long-term air monitoring, and various other *in-situ* environmental field testing. Mr. Bouleanu reviews analytical data, compares data to the applicable regulatory agency objectives and authors the reports.

Site Remediation Program

Mr. Bouleanu manages and coordinates multiple SRP sites in the state of Illinois. With a firm understanding of the Tiered Approach to Corrective Action Objectives (TACO) and SRP sampling requirements, Mr. Bouleanu guides and advises clients through the investigation, remedial action, and remedial design process in order to obtain a No Further Remediation (NFR) Letter. Activities include the collection of surface and subsurface soil and groundwater samples, installation of temporary and permanent monitoring wells, soil gas sampling, fate transport modeling and groundwater modeling. Mr. Bouleanu authors Site Investigation Reports, Remedial Objective Reports, Remedial Action Plans, and Remedial Action Completion Reports. Mr. Bouleanu additionally leads meetings with regulatory agents to ensure all work is being conducted in accordance with the IEPA TACO and industry accepted standards.

Leaking Underground Storage Tank

Mr. Bouleanu manages and coordinates multiple LUST sites in the state of Illinois. With a firm understanding of the Tiered Approach to Corrective Action Objectives (TACO) and LUST sampling requirements, Mr. Bouleanu guides and advises clients through the investigation, remedial action, and remedial design process in order to obtain an NFR Letter. Mr. Bouleanu authors 20-day and 45-day immediate action reports following the identified release of hazardous materials USTs. Mr. Bouleanu additionally prepares Stage One, Stage Two, and Stage Three budgets and investigation reports which are submitted for approval from the IEPA. Mr. Bouleanu additionally leads meetings with regulatory agents to ensure all work is being conducted in accordance with the IEPA TACO and industry accepted standards.

Environmental Remediation and Air Monitoring

Mr. Bouleanu managed an illegal landfill closure project in El Centro, California. Characterized 210,000 cubic yards of soil during remedial activities of a 42-acre parcel. Reviewed analytical data, compared data to the applicable regulatory agency objectives and authored the report. Provided construction oversight for the remediation of hundreds of residential properties in Evansville, Indiana. Activities included characterization of excavated material, characterization of import fill material and implementation of air monitoring. Air monitoring activities specifically included installing and maintaining perimeter air monitoring for volatiles and dust as well as personnel air monitoring.

Mr. Bouleanu performed perimeter and personnel air monitoring in active remediation sites in Evansville, Indiana, and East Chicago, Indiana. Utilizing Dust-Trak and Gillian Pumps, perimeter air emissions from the site were actively monitored and the data was utilized to provide indications to as to when to cease excavation/construction activities. Utilizing Gillian Pumps, personnel air monitoring was performed to gauge the dust and air emissions intake on construction personnel to reduce the inhalation risk of lead and asbestos materials. Datasets were downloaded from Dust-Trak equipment and tabulated to determine site emissions. Gillian Pump air cartridges were collected intermittently throughout the day and submitted to laboratory under chain of custody protocols.

Performed perimeter, personnel, and county-wide air monitoring during disaster responses in Hawaii and Northern California. Work was conducted as a result of volcanic eruptions and wildfires respectively. Utilizing paired Dust-Trak and Multi-Rae setups tied into a wireless communication system known as Viper, real-time county wide air monitoring data was continuously submitted to the command-and-control center for the disaster responses. These wireless air monitoring stations were spread throughout the County and were

continuously monitored by staff. Real-time datasets were interpreted, and communications were initiated to the National Guard or Fire Departments if evacuation was warranted based on the air quality. Air monitoring activities were specifically conducted for lead and asbestos materials as well as volatiles.

Environmental Remedial Design

Participated in the sampling of over 2000 residential homes in East Chicago, Indiana with the purpose of remedial design creation. Characterized the subsurface of each residential property, reviewed analytical data, compared data to applicable regulatory agency objectives, and submitted proposed remedial designs to the regulatory agency.

Geotechnical Investigations

Managed multiple geotechnical investigations which included collection of surface and subsurface soil samples for the purpose of providing engineering recommendations for proposed residential and commercial structures, slope failures and fault investigations.

Geophysical Investigations

Managed multiple geophysical investigations which included collection of electromagnetic data, shallow and deep seismic waves, and ground penetrating radar data. Data collected was used for LUST searches, oil well investigations, fault studies, slope failure investigations, and depth to bedrock/rippability investigations.

Appendix B

Site Photographs



1
SUBJECT PROPERTY



2
NORTH ELEVATION



3
EAST ELEVATION



4
SOUTH ELEVATION



5
WEST ELEVATION



6
EAST PARKING LOT



7
SOUTH PARKING LOT



8
SEWER COVER - NORTHWEST



9
SEWER COVER - NORTH



10
SEWER COVER - NORTH



11
ELECTRICAL PIPING - NORTH



12
STORM WATER - NORTH



13
STORM WATER - NORTH



14
STORM WATER - NORTH



15
LOADING BAY - NORTH (NO HYDRAULICS OBSERVED)



16
SIGNAGE



17
NORTH ADJOINING



18
NORTH ADJOINING



19
NORTH ADJOINING



20
NORTH ADJOINING



21
EAST ADJOINING



22
EAST ADJOINING



23
EAST ADJOINING



24
SOUTH ADJOINING



25
SOUTH ADJOINING



26
WEST ADJOINING



27
WEST ADJOINING



28
WEST ADJOINING - LOADING DOCK



29
WEST ADJOINING - LOADING DOCK



30
TRANSFORMER - NORTHWEST ADJOINING



31
TRANSFORMER



32
SOUTHEAST SURROUNDING



33
SOUTHWEST SURROUNDING - 901 W 115TH

Appendix C

FOIA Requests/Responses/ Regulatory Documents



Electronic FOIA Request Form PDF

FOIA Request Date:	<input type="text" value="10/17/2023"/>
Web Request #:	<input type="text" value="69060"/>
Requestor:	<input type="text" value="Nicole Axtolis"/>
Business Name:	<input type="text" value="A3 Environmental"/>
Address:	<input type="text" value="3030 Warrenville Road"/>
City State Zip:	<input type="text" value="Lisle, IL 60532"/>
Phone:	<input type="text" value="6305079002"/>
Email Address:	<input type="text" value="nikki@a3e.com"/>
Preferred Contact Method:	<input type="text" value="Email"/>

Will any part of the requested information, records or documentation be used, in any form, for sale, resale, solicitation or advertisement for sales or services?

Information Requested:

We are conducting a Phase I Environmental Assessment and are inquiring about a property:Address: 11436 S HALSTED ST, CHICAGO ILPINS: 25202260180000Project Number: 2023_3080Our records indicate a 275 gal. FuelOil UST was installed on the property on October 28, 1952 and we are looking for additional information that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents.

Fee Justification: In accordance with 5 ILCS 140/6(c), fees for public records may be reduced or waived if determined by the Agency to be in the public interest. If applicable, please provide a justification in the comments field below.

Questions or Comments:

No records found



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
James A. Rivera, State Fire Marshal

October 18, 2023

Nicole Axtolis
3030 Warrenville Road
Lisle, IL 60532

Dear Nicole Axtolis,

The Office of the State Fire Marshal (“OSFM”) received your request for records, pursuant to the Freedom of Information Act, on 10/17/2023. The OSFM has reviewed its files and, unfortunately cannot fulfill your request for the following reason:

- The documentation and/or information you seek is not of the type prepared or maintained by the OSFM.
- We have carefully searched our office records in response to your request. Unfortunately, the OSFM does not have any records that are responsive to your specific request [for the property located at 11401 S Halsted Street, Chicago, IL](#). I meant to put this on last one as well but you may want to check with the City of Chicago as they took care of all Chicago addresses at that time.

Pursuant to Section 9.5 of the Act, “any person whose request to inspect or copy a public record is denied by a public body, may file a request for review with the Public Access Counselor established in the Office of the Attorney General not later than 60 days after the date of the final denial.” Such requests must be in writing, signed by the requester and include (1) a copy of the request for access to records and (2) any response from the OSFM. Further information on such requests contact:

Counselor Office of the Attorney General
500 S. 2nd Street
Springfield, Illinois 62706
Phone: 1-877-299-FOIA
(1-877-299-3642)
Fax: (217) 782-1396

For your added convenience, we now also offer electronic submission of FOIA requests. To use this feature please go to [OSFM FOIA Request](#) and simply fill out our electronic FOIA request form.

Should you have further questions regarding this matter, please contact me at your earliest convenience.

Sincerely,



Nancy Robinson
Associate General Counsel – FOIA Officer
Office of the State Fire Marshal
217-785-1011



Electronic FOIA Request Form PDF

FOIA Request Date:	<input type="text" value="10/17/2023"/>
Web Request #:	<input type="text" value="69062"/>
Requestor:	<input type="text" value="Nicole Axtolis"/>
Business Name:	<input type="text" value="A3 Environmental"/>
Address:	<input type="text" value="3030 Warrenville Road"/>
City State Zip:	<input type="text" value="Lisle, IL 60532"/>
Phone:	<input type="text" value="6305079002"/>
Email Address:	<input type="text" value="nikki@a3e.com"/>
Preferred Contact Method:	<input type="text" value="Email"/>

Will any part of the requested information, records or documentation be used, in any form, for sale, resale, solicitation or advertisement for sales or services?

Information Requested:

We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: 11401 S HALSTED ST, CHICAGO IL Facility ID: 11401HA1980-01-17 Project Number: 2023_3080 Our records indicate four 4,000 gal. gasoline and one 1,000 gal. fuel oil UST were removed on the property on January 17, 1980 and we are looking for additional information that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents.

Fee Justification: In accordance with 5 ILCS 140/6(c), fees for public records may be reduced or waived if determined by the Agency to be in the public interest. If applicable, please provide a justification in the comments field below.

Questions or Comments:

No records found



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
James A. Rivera, State Fire Marshal

October 18, 2023

Nicole Axtolis
3030 Warrenville Road
Lisle, IL 60532

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- The documentation and/or information you seek is not of the type prepared or maintained by the OSFM.
- We have carefully searched our office records in response to your request. Unfortunately, the OSFM does not have any records that are responsive to your specific request [for the property located at 11436 S Halsted Street, Chicago, IL.](#)

Pursuant to Section 9.5 of the Act, “any person whose request to inspect or copy a public record is denied by a public body, may file a request for review with the Public Access Counselor established in the Office of the Attorney General not later than 60 days after the date of the final denial.” Such requests must be in writing, signed by the requester and include (1) a copy of the request for access to records and (2) any response from the OSFM. Further information on such requests contact:

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Should you have further questions regarding this matter, please contact me at your earliest convenience.

Sincerely,



Nancy Robinson
Associate General Counsel – FOIA Officer
Office of the State Fire Marshal
217-785-1011



November 27, 2002

17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109
U.S.A.
262/789-0254
FAX: 262/789-5483

Ms. Melinda Friedel
Illinois Environmental Protection Agency
Bureau of Land
Division of Remediation Management
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

RE: **No Further Remediation Request**
LPC No. 0316545010 – Cook County
Amoco Service Station No. 5954
11500 South Halsted Street
Chicago, Illinois
LUST Incident No. 923184
LUST TECHNICAL REPORT FILE
Delta Project No. AMG00J9

RECEIVED
DEC 02 2002
IEPA/BOL

Dear Ms. Friedel:

On behalf of BP Products North America Inc. (BP), Delta Environmental Consultants, Inc. (Delta) submits this letter report in duplicate requesting no further remediation for the above referenced site. This letter report addresses the reoccurrence of liquid-phase hydrocarbons (LPH) measured on June 27, 2002, and documented in a correspondence to the Illinois Environmental Protection Agency (Agency) prepared by Delta dated October 30, 2002. This letter report serves as an addendum to the *Closure Response Letter* dated May 31, 2002 and is in response to the Agency's correspondence dated August 26, 2002 (Appendix A). The Agency's correspondence denied Delta's request for closure of leaking underground storage tank (LUST) incident number 923184 at the above referenced site. The issues resulting in denial of closure are addressed in this addendum for your review and approval.

RELEASED

FFR 26 2003

REVIEWER: MLE

TABLES

Table 1	Ground Water Elevation and LPH Thickness Data
Table 2	AS/SVE Cumulative Hydrocarbon Destruction Summary
Table 3	Ground Water BTEX Analytical Results

FIGURES

Figure 1	Site Map
Figure 2	Ground Water Contour Map (October 21, 2002)
Figure 3	Ground Water Assessment Map
Figure 4	Highway Agreement Location Map

APPENDICES

Appendix A	IEPA Correspondence (August 26, 2002)
Appendix B	ICE Performance Data
Appendix C	Ground Water Laboratory Reports
Appendix D	Shell Oil FOIA Documentation
Appendix E	Equation R26 Remediation Objective Development Spreadsheets
Appendix F	Professional Engineer Certification

Occurrence of Liquid Phase Hydrocarbons

As reported in correspondence submitted to the Agency on September 5, 2002, Delta discovered the reoccurrence of LPH in monitoring well OW-4 at 0.01 feet on June 27, 2002. This was the first time LPH had been observed on site since the air sparge/soil vapor extraction (AS/SVE) system with catalytic oxidation vapor treatment was shutdown on January 31, 2002. In subsequent gauging events performed on July 11 and July 25, 2002, LPH were reconfirmed at 0.01 feet.

Liquid Phase Hydrocarbons Abatement

In response to the LPH reoccurrence, Delta conducted additional air sparge/soil vapor extraction (AS/SVE) activities to abate the residual LPH in monitoring well OW-4 from July through October 2002. The AS/SVE activities were conducted using a dual internal combustion engine (ICE) with a positive displacement blower attached to a power take-off connected to an array of recovery wells (R-1 and R-2), soil vapor extraction (SVE) wells (V-8 and V-9), and air sparge points (S-3 and S-5). Approximately 121 equivalent gallons of LPH were successfully recovered from the subsurface over approximately 363 hours of operation. LPH have not been observed in site monitoring wells in the last two gauging events conducted in September and October 2002. Ground-water elevations and LPH thickness measurements are presented in Table 1 and an AS/SVE hydrocarbon destruction summary is presented in Table 2. ICE performance data are presented in Appendix B.

The ICE was connected to a manifold, which was connected by flexible hosing to the SVE wells and nearby monitoring wells. The ICE created a vacuum (negative pressure) on the formation from which the vapors were removed and treated through combustion by the ICE. Propane served as the primary fuel to run the ICE, but hydrocarbon vapors removed from the formation were used to supplement the propane. The ICE exhaust gases were passed through a catalytic converter to ensure 95 percent or greater combustion prior to discharge to the atmosphere. Sparge air was accomplished with a Roots™ Positive Displacement Blower attached to a power takeoff driven by one of the two ICE engines.

Ground-water Analytical Results and Extent of Impacts

Subsequent to the ground-water data presented in the *Closure Response Letter* submitted to the Agency by Delta dated May 31, 2002, depth-to-ground-water measurements and ground-water samples were collected on June 27, 2002 and October 21, 2002. One additional ground-water sample was collected from monitoring well OW-4 on September 24, 2002. An interpretation of the October 21, 2002 data concluded that the ground-water flow direction is easterly. This is consistent with the historical ground-

water flow direction. Ground-water samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8020. Benzene concentrations in ground water exceeded Tier 1 Class I remediation objective in monitoring wells OW-2, OW-6, and OW-7, recovery wells R-1 and R-2, and temporary wells P-2, P-3, and P-5 through P-7. In monitoring well OW-4, LPH were not detected and BTEX concentrations were non-detectable with the exception of toluene at 0.0019 milligrams per liter (mg/l). Ground-water elevation data are summarized in Table 1 and ground-water analytical results for BTEX are summarized on Table 2. A ground-water contour map of October 21, 2002 data is presented on Figure 2. Ground-water laboratory reports not previously submitted to the Agency are presented in Appendix C.

Ground-water impacts are limited to the north half of the site and along the northern and eastern property boundaries into 115th Street and Halsted Street, respectively. The extent of hydrocarbon-impacted ground water is delineated to the north by OW-11 and P-8, to the south by OW-10, OW-1, and P-1, and to the west by OW-8. Ground-water samples collected from soil borings SB-1 through SB-4 installed by ERS of Illinois, Inc. on the Shell Service Station property located east of Halsted Street provide delineation to the east. Applicable Freedom of Information Act (FOIA) documents including the soil borings and ground-water analytical results from these off-site borings are plotted on Figure 4 presented in Appendix D as part of the FOIA documentation. A ground-water assessment map with the estimated extent of impacted ground water above Tier 1 Class I remediation objectives as related to the Amoco Service Station is illustrated on Figure 2.

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AUGUST 26, 2002
CORRESPONDENCE CONCERNS**

The Illinois Environmental Protection Agency (IEPA) correspondence dated August 26, 2002 stated "*1. The corrective action plan proposing the use of air sparging/soil vapor extraction to address residual contamination is approved.*" However, closure was denied based on several reasons as restated and addressed below. The IEPA correspondence is presented in Appendix A.

**RECALCULATE TIER 2 REMEDIATION OBJECTIVES USING HYDRAULIC GRADIENT
FROM MW-8 TO MW-5**

"*2. The hydraulic gradient in the Tier 2 evaluation should be calculated using MW-8 and MW-5 in order to obtain the most conservative value from the groundwater elevation data collected February 6, 2002.*"

Ground Water Ingestion Exposure Route

Ground Water Component of the Ground Water Ingestion Exposure Route

Tier 1 Evaluation

Ground-water quality has been monitored following the last occurrence of LPH in July 2002. The most recent ground-water sampling event included sampling eleven monitoring wells (OW-1 through OW-11) on October 21, 2002 for BTEX. Ground-water samples were also submitted for analysis of BTEX from recovery wells R-1 and R-2 on June 27, 2002. Ground-water analytical results from the most recent sampling event for each monitoring, recovery, and temporary well were compared to Tier 1 Class I remediation objectives. Benzene concentrations exceeded Tier 1 Class I ground water component of the ground-water ingestion exposure route remediation objective of 0.005 mg/l in monitoring wells OW-2, OW-6, OW-7, and OW-9, recovery wells R-1 and R-2, and temporary wells P-2, P-3, and P-5 through P-7. Ground-water analytical results for BTEX are presented in Table 3.

Tier 2 Evaluation

The potential extent of ground-water impact from the source was recalculated using equation R26 from the IAC 742 and the hydraulic gradient between OW-5 and OW-8 from October 21, 2002. The benzene concentrations in ground water observed at each point in exceedance of Tier 1 Class I ground-water remediation objective and the parameters listed below were used to predict the distance from the source where the Tier 1 Class I ground-water remediation objective will be met.

PARAMETERS USED IN THE SOLUTION OF EQUATION R26		
Parameter	Value	Description
Source Area Concentration	Benzene 0.0055 mg/l (OW-2) 0.016 mg/l (OW-6) 0.050 mg/l (OW-7) 0.029 mg/l (R-1) 0.140 mg/l (R-2) 0.270 mg/l (P-2) 1.10 mg/l (P-3) 0.014 mg/l (P-5) 0.0052 mg/l (P-6) 0.0075 mg/l (P-7)	Concentrations in Exceedance of Tier I Class I Remediation Objectives
First Order Degradation Constant	benzene 0.0009/day	TACO value

Aquifer Hydraulic Conductivity	5.11×10^{-5} cm/sec	Highest field-measured K value (OW-6) used to be most conservative.
Hydraulic Gradient	0.020	Based on ground-water elevation measurements in October 2002 from OW-5 to OW-8
Total Soil Porosity	0.32	TACO porosity value for sand (The soil is predominantly fine to medium sand.)
Source Width (Horizontal)	160 feet	The maximum distance perpendicular to ground-water flow and along the horizontal plane for the width of the estimated extent of ground-water impacts.
Source Width (Vertical)	6.56 feet	TACO default value for the mixing zone thickness.

MAXIMUM PREDICTED EXTENT OF GROUND-WATER IMPACT - EQUATION R26	
Result	Value
Tier 1 ground-water remediation objective for Class I ground water at the point of human exposure	Benzene 0.005 mg/l
Predicted distance from source at which ground-water concentrations will meet Tier 1 Class I ground-water remediation objectives	Benzene 1 foot (OW-2) 13 feet (OW-6) 28 feet (OW-7) 21 feet (R-1) 43 feet (R-2) 52 feet (P-2) 74 feet (P-3) 12 feet (P-5) 1 foot (P-6) 5 foot (P-7)

Based on the solutions derived from R26, the predicted distance from the source where Tier 1 Class I ground-water remediation objective of 0.005 mg/kg will be met for benzene is limited to the northern half of the site, approximately 80 feet into Halsted Street from the eastern property line and approximately 20 feet into 115th Street from the northern property line. Based on the R26 predicted solutions, the point of potential human exposure for ground water encompasses the site and the entire right-of-ways of Halsted

Street and 115th Street including the sidewalks. The estimated extent of impacted ground water is illustrated on Figure 3. Equation R26 remediation objective development spreadsheets are included in Appendix E. Professional Engineer Certification is presented in Appendix F.

INSTITUTIONAL CONTROLS

“3. The proposed highway authority agreement for Halsted and 115th Streets needs to be submitted. The location of the Halsted Street agreement should be extended to include the eastern right-of-way instead of ending at the centerline.”

The highway authority agreement (HAA) for Halsted Street was only proposed for the western half of the right-of-way in the *Closure Response Letter* dated May 31, 2002. However, the HAAs were secured with the Illinois Department of Transportation (IDOT) and the City of Chicago for the entire right-of-way of Halsted Street. The IDOT and City of Chicago HAAs were forwarded to the IEPA for final review and approval on September 4th and 16th, 2002, respectively. The extent of the HAAs for Halsted and 115th Streets are illustrated on Figure 4.

“4. The City of Chicago should be notified of groundwater contamination beneath the subject site in accordance with the Chicago groundwater use ordinance.”

Copies of notifications, to the subject site and the City of Chicago, of the use of the Chicago groundwater use ordinance (Ordinance No. 097990) shall be provided to the Agency within forty-five (45) days of the issuance of the No Further Remediation (NFR) letter.

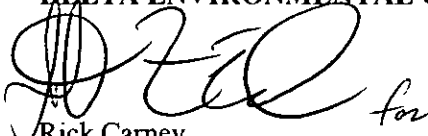
CONCLUSION

Delta has completed the characterization of the extent and degree of soil and ground-water impacts on and off-site as related to the Amoco Service Station as well as successfully abated LPH at the site. Therefore, upon completion of Agency review and approval of the enclosed information and the Highway Authority Agreements submitted in September 2002, Delta requests that LUST Incident Number 923184 be closed and that "No Further Remediation" status be issued for Amoco Service Station No. 5954.

Should you require additional information, please feel free to contact us at (800) 888-1331.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.


Rick Carney
Project Manager

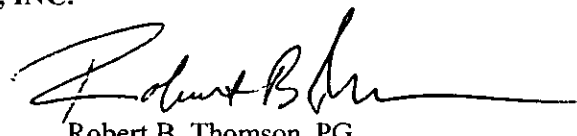

Robert B. Thomson, PG
Project Geologist



Table 1
 Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-1						
		Well Depth: 22.5 feet		Well Diameter: 2 inch		
		Screen Length: 20 feet		6/28/02 sounded depth 19.02 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/18/1993	2.5 - 22.5	100.00	7.60	NFP	0.00	92.40
1/12/1994	2.5 - 22.5	100.00	8.16	NFP	0.00	91.84
3/30/1994	2.5 - 22.5	100.00	NM	NM	NM	NM
4/28/1994	2.5 - 22.5	100.00	NM	NM	NM	NM
5/17/1994	2.5 - 22.5	100.00	7.55	NFP	0.00	92.45
8/30/1995	2.5 - 22.5	100.00	8.24	NFP	0.00	91.76
11/12/1996	2.5 - 22.5	100.00	8.30	NFP	0.00	91.70
1/9/1997	2.5 - 22.5	100.00	8.20	NFP	0.00	91.80
2/14/1997	2.5 - 22.5	100.00	8.12	NFP	0.00	91.88
3/28/1997	2.5 - 22.5	100.00	NM	NM	NM	NM
4/2/1997	2.5 - 22.5	100.00	7.63	NFP	0.00	92.37
9/22/1997	2.5 - 22.5	100.00	8.23	NFP	0.00	91.77
7/29/1999	2.5 - 22.5	100.00	8.20	NFP	0.00	91.80
8/20/1999	2.5 - 22.5	100.00	8.26	NFP	0.00	91.74
2/8/2000	2.5 - 22.5	100.00	8.88	NFP	0.00	91.12
3/24/2000	2.5 - 22.5	100.00	7.86	NFP	0.00	92.14
4/26/2000	2.5 - 22.5	100.00	8.18	NFP	0.00	91.82
10/27/2000	2.5 - 22.5	99.01	8.21	NFP	0.00	90.80
12/1/2000	2.5 - 22.5	99.01	8.40	NFP	0.00	90.61
2/16/2001	2.5 - 22.5	99.01	7.61	NFP	0.00	91.40
2/20/2001	2.5 - 22.5	99.01	7.48	NFP	0.00	91.53
2/20/2001	2.5 - 22.5	99.01	7.64	NFP	0.00	91.37
6/27/2001	2.5 - 22.5	99.01	7.98	NFP	0.00	91.03
9/19/2001	2.5 - 22.5	99.01	8.05	NFP	0.00	90.96
1/3/2002	2.5-22.5	99.01	8.21	NFP	0.00	90.80
2/6/2002	2.5-22.5	99.01	8.20	NFP	0.00	90.81
6/27/2002	2.5-22.5	99.01	7.75	NFP	0.00	91.26
9/24/2002	2.5-22.5	99.01	8.21	NFP	0.00	90.80
10/21/2002	2.5-22.5	99.01	8.36	NFP	0.00	90.65

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-2						
		Well Depth: 22.5 feet		Well Diameter: 2 inch		
		Screen Length: 20 feet		6/28/02 sounded depth 18.93 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/18/1993	2.5 - 22.5	99.43	7.65	NFP	0.00	91.78
1/12/1994	2.5 - 22.5	99.43	8.18	8.17	0.01	91.26
3/30/1994	2.5 - 22.5	99.43	7.74	NFP	0.00	91.69
4/28/1994	2.5 - 22.5	99.43	7.51	NFP	0.00	91.92
5/17/1994	2.5 - 22.5	99.43	7.59	NFP	0.00	91.84
8/30/1995	2.5 - 22.5	99.43	8.14	NFP	0.00	91.29
11/12/1996	2.5 - 22.5	99.43	8.31	NFP	0.00	91.12
1/9/1997	2.5 - 22.5	99.43	8.30	NFP	0.00	91.13
2/14/1997	2.5 - 22.5	99.43	8.26	NFP	0.00	91.17
3/28/1997	2.5 - 22.5	99.43	7.72	NFP	0.00	91.71
4/2/1997	2.5 - 22.5	99.43	7.79	NFP	0.00	91.64
9/22/1997	2.5 - 22.5	99.43	8.20	NFP	0.00	91.23
7/29/1999	2.5 - 22.5	99.43	8.15	NFP	0.00	91.28
8/20/1999	2.5 - 22.5	99.43	8.24	NFP	0.00	91.19
2/8/2000	2.5 - 22.5	99.43	9.28	NFP	0.00	90.15
3/24/2000	2.5 - 22.5	99.43	8.43	NFP	0.00	91.00
4/26/2000	2.5 - 22.5	99.43	8.31	NFP	0.00	91.12
10/27/2000	2.5 - 22.5	98.48	8.28	NFP	0.00	90.20
12/1/2000	2.5 - 22.5	98.48	8.62	NFP	0.00	89.86
2/16/2001	2.5 - 22.5	98.48	7.83	NFP	0.00	90.65
2/20/2001	2.5 - 22.5	98.48	7.64	NFP	0.00	90.84
2/20/2001	2.5 - 22.5	98.48	7.90	NFP	0.00	90.58
6/27/2001	2.5 - 22.5	98.48	8.05	NFP	0.00	90.43
9/19/2001	2.5 - 22.5	98.48	8.08	NFP	0.00	90.40
1/3/2002	2.5-22.5	98.48	8.26	NFP	0.00	90.22
2/6/2002	2.5-22.5	98.48	8.28	NFP	0.00	90.20
6/27/2002	2.5-22.5	98.48	7.83	NFP	0.00	90.65
7/25/2002	2.5-22.5	98.48	8.10	NFP	0.00	90.38
9/24/2002	2.5-22.5	98.48	8.19	NFP	0.00	90.29
10/21/2002	2.5-22.5	98.48	8.35	NFP	0.00	90.13

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-3						
		Well Depth: 22.5 feet		Well Diameter: 2 inch		
		Screen Length: 20 feet		6/28/02 sounded depth 20.21 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/18/1993	2.5 - 22.5	99.45	8.00	NFP	0.00	91.45
1/12/1994	2.5 - 22.5	99.45	8.53	8.5	0.03	90.94
3/30/1994	2.5 - 22.5	99.45	7.90	NFP	0.00	91.55
4/28/1994	2.5 - 22.5	99.45	7.95	NFP	0.00	91.50
5/17/1994	2.5 - 22.5	99.45	7.94	NFP	0.00	91.51
8/30/1995	2.5 - 22.5	99.45	8.43	8.41	0.02	91.04
11/12/1996	2.5 - 22.5	99.45	8.61	8.58	0.03	90.86
1/9/1997	2.5 - 22.5	99.45	9.33	8.65	0.68	90.63
2/14/1997	2.5 - 22.5	99.45	8.70	NFP	0.00	90.75
3/28/1997	2.5 - 22.5	99.45	8.26	8.24	0.02	91.21
4/2/1997	2.5 - 22.5	99.45	8.26	8.23	0.03	91.2125
9/22/1997	2.5 - 22.5	99.45	8.62	NFP	0.00	90.83
7/29/1999	2.5 - 22.5	99.45	8.78	8.65	0.13	90.77
8/20/1999	2.5 - 22.5	99.45	8.99	8.53	0.46	90.81
2/8/2000	2.5 - 22.5	99.45	9.71	9.65	0.06	89.79
3/24/2000	2.5 - 22.5	99.45	9.05	9.03	0.02	90.42
4/26/2000	2.5 - 22.5	99.45	8.78	NFP	0.00	90.67
10/27/2000	2.5 - 22.5	98.53	8.93	8.68	0.25	89.79
12/11/2000	2.5 - 22.5	98.53	9.48	NFP	0.00	89.05
2/16/2001	2.5 - 22.5	98.53	8.85	NFP	0.00	89.68
2/20/2001	2.5 - 22.5	98.53	7.98	NFP	0.00	90.55
2/20/2001	2.5 - 22.5	98.53	8.33	NFP	0.00	90.20
6/27/2001	2.5 - 22.5	98.53	8.39	NFP	0.00	90.14
9/19/2001	2.5 - 22.5	98.53	8.30	NFP	0.00	90.23
1/3/2002	2.5-22.5	98.53	8.38	NFP	0.00	90.15
1/30/2002	2.5-22.5	98.53	8.63	NFP	0.00	89.90
2/6/2002	2.5-22.5	98.53	8.52	NFP	0.00	90.01
6/27/2002	2.5-22.5	98.53	8.01	NFP	0.00	90.52
7/25/2002	2.5-22.5	98.53	8.30	NFP	0.00	90.23
9/24/2002	2.5-22.5	98.53	8.36	NFP	0.00	90.17
10/21/2002	2.5-22.5	98.53	8.52	NFP	0.00	90.01

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-4						
		Well Depth:	22.5 feet	Well Diameter:	2 inch	
		Screen Length:	20 feet	6/28/02 sounded depth 19.00 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/18/1993	2.5 - 22.5	99.65	8.05	NFP	0.00	91.60
1/12/1994	2.5 - 22.5	99.65	8.76	8.47	0.29	91.11
3/30/1994	2.5 - 22.5	99.65	7.89	7.8	0.09	91.83
4/28/1994	2.5 - 22.5	99.65	7.93	7.92	0.01	91.73
5/17/1994	2.5 - 22.5	99.65	7.90	7.89	0.01	91.76
8/30/1995	2.5 - 22.5	99.65	8.42	NFP	0.00	91.23
11/12/1996	2.5 - 22.5	99.65	8.74	NFP	0.00	90.91
1/9/1997	2.5 - 22.5	99.65	8.75	NFP	0.00	90.90
2/14/1997	2.5 - 22.5	99.65	8.68	NFP	0.00	90.97
3/28/1997	2.5 - 22.5	99.65	8.17	NFP	0.00	91.48
4/2/1997	2.5 - 22.5	99.65	8.23	NFP	0.00	91.42
9/22/1997	2.5 - 22.5	99.65	8.60	NFP	0.00	91.05
7/29/1999	2.5 - 22.5	99.65	10.10	9.6	0.50	89.93
8/20/1999	2.5 - 22.5	99.65	9.38	8.54	0.84	90.90
2/8/2000	2.5 - 22.5	99.65	10.56	9.16	1.40	90.14
3/24/2000	2.5 - 22.5	99.65	9.18	8.84	0.34	90.73
4/26/2000	2.5 - 22.5	99.65	9.28	8.78	0.50	90.75
10/27/2000	2.5 - 22.5	98.52	9.70	8.2	1.50	89.95
12/1/2000	2.5 - 22.5	98.52	9.85	NFP	0.00	88.67
2/16/2001	2.5 - 22.5	98.52	8.41	8.14	0.27	90.31
2/20/2001	2.5 - 22.5	98.52	8.02	NFP	0.00	90.50
2/20/2001	2.5 - 22.5	98.52	9.39	NFP	0.00	89.13
6/27/2001	2.5 - 22.5	98.52	8.18	NFP	0.00	90.34
9/19/2001	2.5 - 22.5	98.52	8.23	8.18	0.05	90.33
1/3/2002	2.5-22.5	98.52	8.53	NFP	0.00	89.99
2/6/2002	2.5-22.5	98.52	8.43	NFP	0.00	90.09
6/27/2002	2.5-22.5	98.52	7.87	7.86	0.01	90.66
7/25/2002	2.5-22.5	98.52	8.10	8.09	0.01	90.43
9/24/2002	2.5-22.5	98.52	8.22	NFP	0.00	90.30
10/21/2002	2.5-22.5	98.52	8.40	NFP	0.00	90.12

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-5						
		Well Depth: 22.5 feet		Well Diameter: 2 inch		
		Screen Length: 20 feet		6/28/02 sounded depth 21.8 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/18/1993	2.5 - 22.5	99.34	8.30	NFP	0.00	91.04
1/12/1994	2.5 - 22.5	99.34	8.71	NFP	0.00	90.63
1/28/1994	2.5 - 22.5	99.34	8.74	8.73	0.01	90.61
3/30/1994	2.5 - 22.5	99.34	8.06	NFP	0.00	91.28
4/28/1994	2.5 - 22.5	99.34	7.74	NFP	0.00	91.60
5/17/1994	2.5 - 22.5	99.34	8.06	NFP	0.00	91.28
8/30/1995	2.5 - 22.5	99.34	8.39	NFP	0.00	90.95
11/12/1996	2.5 - 22.5	99.34	8.81	NFP	0.00	90.53
1/9/1997	2.5 - 22.5	99.34	8.86	NFP	0.00	90.48
2/14/1997	2.5 - 22.5	99.34	NM	NM	NM	NM
3/28/1997	2.5 - 22.5	99.34	8.45	NFP	0.00	90.89
4/2/1997	2.5 - 22.5	99.34	8.51	NFP	0.00	90.83
9/22/1997	2.5 - 22.5	99.34	8.71	NFP	0.00	90.63
7/29/1999	2.5 - 22.5	99.34	8.90	NFP	0.00	90.44
8/20/1999	2.5 - 22.5	99.34	8.75	NFP	0.00	90.59
2/8/2000	2.5 - 22.5	99.34	9.46	NFP	0.00	89.88
3/24/2000	2.5 - 22.5	99.34	9.08	NFP	0.00	90.26
4/26/2000	2.5 - 22.5	99.34	9.03	NFP	0.00	90.31
10/27/2000	2.5 - 22.5	98.21	8.86	NFP	0.00	89.35
12/1/2000	2.5 - 22.5	98.21	9.03	NFP	0.00	89.18
2/16/2001	2.5 - 22.5	98.21	8.28	NFP	0.00	89.93
2/20/2001	2.5 - 22.5	98.21	8.26	NFP	0.00	89.95
2/20/2001	2.5 - 22.5	98.21	8.51	NFP	0.00	89.70
6/27/2001	2.5 - 22.5	98.21	8.52	NFP	0.00	89.69
9/19/2001	2.5 - 22.5	98.21	8.52	NFP	0.00	89.69
1/3/2002	2.5-22.5	98.21	8.74	NFP	0.00	89.47
2/6/2002	2.5-22.5	98.21	8.86	NFP	0.00	89.35
6/27/2002	2.5-22.5	98.21	8.18	NFP	0.00	90.03
7/25/2002	2.5-22.5	98.21	8.36	NFP	0.00	89.85
9/24/2002	2.5-22.5	98.21	8.48	NFP	0.00	89.73
10/21/2002	2.5-22.5	98.21	8.57	NFP	0.00	89.64

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-6						
		Well Depth: 22.5 feet		Well Diameter: 2 inch		
		Screen Length: 20 feet		6/28/02 sounded depth 18.3 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/18/1993	2.5 - 22.5	99.64	7.85	NFP	0.00	91.79
1/12/1994	2.5 - 22.5	99.64	6.10	NFP	0.00	93.54
1/28/1994	2.5 - 22.5	99.64	8.50	NFP	0.00	91.14
5/17/1994	2.5 - 22.5	99.64	7.72	NFP	0.00	91.92
8/30/1995	2.5 - 22.5	99.64	8.32	NFP	0.00	91.32
11/12/1996	2.5 - 22.5	99.64	8.58	8.38	0.20	91.21
1/9/1997	2.5 - 22.5	99.64	8.75	8.6	0.15	91.00
2/14/1997	2.5 - 22.5	99.64	8.57	8.55	0.02	91.09
3/28/1997	2.5 - 22.5	99.64	7.98	NFP	0.00	91.66
4/2/1997	2.5 - 22.5	99.64	8.06	NFP	0.00	91.58
9/22/1997	2.5 - 22.5	99.64	8.48	NFP	0.00	91.16
7/29/1999	2.5 - 22.5	99.64	8.10	NFP	0.00	91.54
8/20/1999	2.5 - 22.5	99.64	8.56	NFP	0.00	91.08
2/8/2000	2.5 - 22.5	99.64	9.23	NFP	0.00	90.41
3/24/2000	2.5 - 22.5	99.64	8.64	NFP	0.00	91.00
4/26/2000	2.5 - 22.5	99.64	8.64	NFP	0.00	91.00
10/27/2000	2.5 - 22.5	98.51	8.51	NFP	0.00	90.00
12/1/2000	2.5 - 22.5	98.51	8.93	NFP	0.00	89.58
2/16/2001	2.5 - 22.5	98.51	7.94	NFP	0.00	90.57
2/20/2001	2.5 - 22.5	98.51	7.86	NFP	0.00	90.65
2/20/2001	2.5 - 22.5	98.51	8.81	NFP	0.00	89.70
6/27/2001	2.5 - 22.5	98.51	8.08	NFP	0.00	90.43
9/19/2001	2.5 - 22.5	98.51	8.15	NFP	0.00	90.36
1/3/2002	2.5-22.5	98.51	8.33	NFP	0.00	90.18
2/6/2002	2.5-22.5	98.51	8.25	NFP	0.00	90.26
6/27/2002	2.5-22.5	98.51	7.64	NFP	0.00	90.87
7/25/2002	2.5-22.5	98.51	7.93	NFP	0.00	90.58
9/24/2002	2.5-22.5	98.51	8.11	NFP	0.00	90.40
10/21/2002	2.5-22.5	98.51	8.19	NFP	0.00	90.32

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-7						
		Well Depth: 22.5 feet		Well Diameter: 2 inch		
		Screen Length: 20 feet		6/28/02 sounded depth 14.4 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/18/1993	2.5 - 22.5	99.66	7.65	NFP	0.00	92.01
1/12/1994	2.5 - 22.5	99.66	8.23	NFP	0.00	91.43
3/30/1994	2.5 - 22.5	99.66	NM	NM	NM	NM
4/28/1994	2.5 - 22.5	99.66	NM	NM	NM	NM
5/17/1994	2.5 - 22.5	99.66	7.59	NFP	0.00	92.07
8/30/1995	2.5 - 22.5	99.66	8.22	NFP	0.00	91.44
11/12/1996	2.5 - 22.5	99.66	8.43	NFP	0.00	91.23
1/9/1997	2.5 - 22.5	99.66	8.38	NFP	0.00	91.28
2/14/1997	2.5 - 22.5	99.66	8.28	NFP	0.00	91.38
3/28/1997	2.5 - 22.5	99.66	7.73	NFP	0.00	91.93
4/2/1997	2.5 - 22.5	99.66	7.80	NFP	0.00	91.86
9/22/1997	2.5 - 22.5	99.66	8.32	NFP	0.00	91.34
7/29/1999	2.5 - 22.5	99.66	8.05	NFP	0.00	91.61
8/20/1999	2.5 - 22.5	99.66	8.05	NFP	0.00	91.61
2/8/2000	2.5 - 22.5	99.66	Dry	Dry	Dry	Dry
3/24/2000	2.5 - 22.5	99.66	8.40	NFP	0.00	91.26
4/26/2000	2.5 - 22.5	99.66	8.37	NFP	0.00	91.29
10/27/2000	2.5 - 22.5	98.57	8.26	NFP	0.00	90.31
12/1/2000	2.5 - 22.5	98.57	8.32	NFP	0.00	90.25
2/16/2001	2.5 - 22.5	98.57	7.60	NFP	0.00	90.97
2/20/2001	2.5 - 22.5	98.57	7.53	NFP	0.00	91.04
2/20/2001	2.5 - 22.5	98.57	7.66	NFP	0.00	90.91
6/27/2001	2.5 - 22.5	98.57	7.86	NFP	0.00	90.71
9/19/2001	2.5 - 22.5	98.57	7.96	NFP	0.00	90.61
1/3/2002	2.5-22.5	98.57	8.08	NFP	0.00	90.49
2/6/2002	2.5-22.5	98.57	7.84	NFP	0.00	90.73
6/27/2002	2.5-22.5	98.57	7.52	NFP	0.00	91.05
7/25/2002	2.5-22.5	98.57	7.92	NFP	0.00	90.65
9/24/2002	2.5-22.5	98.57	7.89	NFP	0.00	90.68
10/21/2002	2.5-22.5	98.57	8.10	NFP	0.00	90.47

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-8						
		Well Depth:	22.5 feet	Well Diameter:	2 inch	
		Screen Length:	20 feet	6/28/02 sounded depth 12.2 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/12/1994	2.5 - 12.5	99.56	7.89	NFP	0.00	91.67
5/17/1994	2.5 - 12.5	99.56	7.25	NFP	0.00	92.31
8/30/1995	2.5 - 12.5	99.56	7.90	NFP	0.00	91.66
11/12/1996	2.5 - 12.5	99.56	8.09	NFP	0.00	91.47
1/9/1997	2.5 - 12.5	99.56	8.03	NFP	0.00	91.53
2/14/1997	2.5 - 12.5	99.56	NM	NM	NM	NM
3/28/1997	2.5 - 12.5	99.56	NM	NM	NM	NM
4/2/1997	2.5 - 12.5	99.56	7.48	NFP	0.00	92.08
9/22/1997	2.5 - 12.5	99.56	7.92	NFP	0.00	91.64
7/29/1999	2.5 - 12.5	99.56	8.10	NFP	0.00	91.46
8/20/1999	2.5 - 12.5	99.56	8.05	NFP	0.00	91.51
2/8/2000	2.5 - 12.5	99.56	8.52	NFP	0.00	91.04
3/24/2000	2.5 - 12.5	99.56	7.98	NFP	0.00	91.58
4/26/2000	2.5 - 12.5	99.56	7.89	NFP	0.00	91.67
10/27/2000	2.5 - 12.5	99.56	7.92	NFP	0.00	91.64
12/1/2000	2.5 - 12.5	99.56	7.77	NFP	0.00	91.79
2/16/2001	2.5 - 12.5	99.56	7.05	NFP	0.00	92.51
2/20/2001	2.5 - 12.5	99.56	6.92	NFP	0.00	92.64
2/20/2001	2.5 - 12.5	99.56	6.99	NFP	0.00	92.57
6/27/2001	2.5 - 12.5	99.56	7.30	NFP	0.00	92.26
9/19/2001	2.5 - 12.5	99.56	7.40	NFP	0.00	92.16
1/3/2002	2.5-12.5	99.56	7.53	NFP	0.00	92.03
2/6/2002	2.5-12.5	99.56	7.19	NFP	0.00	92.37
6/27/2002	2.5-12.5	99.56	7.00	NFP	0.00	92.56
7/25/2002	2.5-12.5	99.56	7.56	NFP	0.00	92.00
9/24/2002	2.5-12.5	99.56	7.23	NFP	0.00	92.33
10/21/2002	2.5-12.5	99.56	7.39	NFP	0.00	92.17

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-9						
		Well Depth:	12.5 feet	Well Diameter:	2 inch	
		Screen Length:	10 feet	6/28/02 sounded depth 11.4 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/12/1994	2.5 - 12.5	99.48	8.34	NFP	0.00	91.14
3/30/1994	2.5 - 12.5	99.48	7.71	NFP	0.00	91.77
8/30/1995	2.5 - 12.5	99.48	8.26	NFP	0.00	91.22
11/12/1996	2.5 - 12.5	99.48	8.59	NFP	0.00	90.89
1/9/1997	2.5 - 12.5	99.48	NM	NM	NM	NM
2/14/1997	2.5 - 12.5	99.48	8.62	NFP	0.00	90.86
3/28/1997	2.5 - 12.5	99.48	NM	NM	NM	NM
4/2/1997	2.5 - 12.5	99.48	8.14	NFP	0.00	91.34
9/22/1997	2.5 - 12.5	99.48	8.42	NFP	0.00	91.06
7/29/1999	2.5 - 12.5	99.48	8.70	NFP	0.00	90.78
8/20/1999	2.5 - 12.5	99.48	8.49	NFP	0.00	90.99
2/8/2000	2.5 - 12.5	99.48	9.30	NFP	0.00	90.18
3/24/2000	2.5 - 12.5	99.48	8.71	8.69	0.02	90.79
4/26/2000	2.5 - 12.5	99.48	8.68	NFP	0.00	90.80
10/27/2000	2.5 - 12.5	98.29	8.38	8.213	0.17	90.04
12/1/2000	2.5 - 12.5	98.29	8.58	8.56	0.02	89.73
2/16/2001	2.5 - 12.5	98.29	8.10	NFP	0.00	90.19
2/20/2001	2.5 - 12.5	98.29	7.90	NFP	0.00	90.39
2/20/2001	2.5 - 12.5	98.29	8.65	NFP	0.00	89.64
6/27/2001	2.5 - 12.5	98.29	7.98	NFP	0.00	90.31
9/19/2001	2.5 - 12.5	98.29	8.20	NFP	0.00	90.09
1/3/2002	2.5-12.5	98.29	8.28	NFP	0.00	90.01
2/6/2002	2.5-12.5	98.29	8.28	NFP	0.00	90.01
6/27/2002	2.5-12.5	98.29	7.77	NFP	0.00	90.52
7/25/2002	2.5-12.5	98.29	8.06	NFP	0.00	90.23
9/24/2002	2.5-12.5	98.29	8.15	NFP	0.00	90.14
10/21/2002	2.5-12.5	98.29	8.21	NFP	0.00	90.08

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-10						
		Well Depth:	12.5 feet	Well Diameter:	2 inch	
		Screen Length:	10 feet	6/28/02 sounded depth 10.7 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
1/12/1994	2.5 - 12.5	98.72	7.44	NFP	0.00	91.28
3/30/1994	2.5 - 12.5	98.72	6.90	NFP	0.00	91.82
8/30/1995	2.5 - 12.5	98.72	7.41	NFP	0.00	91.31
11/12/1996	2.5 - 12.5	98.72	7.47	NFP	0.00	91.25
1/9/1997	2.5 - 12.5	98.72	7.55	NFP	0.00	91.17
2/14/1997	2.5 - 12.5	98.72	NM	NM	NM	NM
3/28/1997	2.5 - 12.5	98.72	NM	NM	NM	NM
4/2/1997	2.5 - 12.5	98.72	7.08	NFP	0.00	91.637
9/22/1997	2.5 - 12.5	98.72	7.48	NFP	0.00	91.24
7/29/1999	2.5 - 12.5	98.72	NM	NM	NM	NM
8/20/1999	2.5 - 12.5	98.72	7.60	NFP	0.00	91.12
2/8/2000	2.5 - 12.5	98.72	NM	NM	NM	NM
3/24/2000	2.5 - 12.5	98.72	7.80	NFP	0.00	90.92
4/26/2000	2.5 - 12.5	98.72	7.65	NFP	0.00	91.07
10/27/2000	2.5 - 12.5	97.58	dry	NFP	0.00	dry
12/1/2000	2.5 - 12.5	97.58	7.63	NFP	0.00	89.95
2/16/2001	2.5 - 12.5	97.58	NM	NM	NM	NM
2/20/2001	2.5 - 12.5	97.58	NM	NM	NM	NM
6/27/2001	2.5 - 12.5	97.58	7.24	NFP	0.00	90.34
9/19/2001	2.5 - 12.5	97.58	7.28	NFP	0.00	90.30
1/3/2002	2.5-12.5	97.58	7.55	NFP	0.00	90.03
2/6/2002	2.5-12.5	97.58	NM	NFP	0.00	NM
6/27/2002	2.5-12.5	97.58	7.17	NFP	0.00	90.41
9/24/2002	2.5-12.5	97.58	7.53	NFP	0.00	90.05
10/21/2002	2.5-12.5	97.58	7.64	NFP	0.00	89.94

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

OW-11						
		Well Depth: 12.5 feet		Well Diameter: 2 inch		
		Screen Length: 10 feet		6/28/02 sounded depth 12.5 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
6/7/1994	2.5 - 12.5	98.80	7.29	NFP	0.00	91.51
8/30/1995	2.5 - 12.5	98.80	7.46	NFP	0.00	91.34
4/2/1997	2.5 - 12.5	98.80	NM	NM	NM	NM
9/22/1997	2.5 - 12.5	98.80	NM	NM	NM	NM
7/29/1999	2.5 - 12.5	98.80	NM	NM	NM	NM
8/20/1999	2.5 - 12.5	98.80	8.12	NFP	0.00	90.68
2/8/2000	2.5 - 12.5	98.80	9.01	NFP	0.00	89.79
3/24/2000	2.5 - 12.5	98.80	8.46	NFP	0.00	90.34
4/26/2000	2.5 - 12.5	98.80	8.56	NFP	0.00	90.24
10/27/2000	2.5 - 12.5	98.80	8.44	NFP	0.00	90.36
12/1/2000	2.5 - 12.5	98.80	NM	NFP	0.00	NM
2/16/2001	2.5 - 12.5	98.80	NM	NFP	0.00	NM
2/20/2001	2.5 - 12.5	98.80	7.93	NFP	0.00	90.87
2/20/2001	2.5 - 12.5	98.80	8.00	NFP	0.00	90.80
6/27/2001	2.5 - 12.5	98.80	8.04	NFP	0.00	90.76
9/19/2001	2.5 - 12.5	98.80	8.10	NFP	0.00	90.70
1/3/2002	2.5-12.5	98.80	8.57	NFP	0.00	90.23
2/6/2002	2.5-12.5	98.80	8.75	NFP	0.00	90.05
6/27/2002	2.5-12.5	98.80	7.84	NFP	0.00	90.96
7/25/2002	2.5-12.5	98.80	7.95	NFP	0.00	90.85
9/24/2002	2.5-12.5	98.80	8.04	NFP	0.00	90.76

RW-1 (R-1)						
		Well Depth: 19.45 feet		Well Diameter: 4 inch		
		Screen Length: 17 feet		6/28/02 sounded depth 19.5 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
10/27/2000	2.5 - 20	98.75	8.71	NFP	0.00	90.04
12/1/2000	2.5 - 20	98.75	9.00	NFP	0.00	89.75
2/16/2001	2.5 - 20	98.75	8.12	NFP	0.00	90.63
2/20/2001	2.5 - 20	98.75	7.95	NFP	0.00	90.80
6/27/2001	2.5 - 20	98.75	8.27	NFP	0.00	90.48
9/19/2001	2.5 - 20	98.75	8.36	NFP	0.00	90.39
6/27/2002	2.5 - 20	98.75	7.97	NFP	0.00	90.78
10/21/2002	2.5 - 20	98.75	8.55	NFP	0.00	90.20

Table 1
Ground Water Elevation and LPH Thickness Data
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

RW-2 (R-2)						
		Well Depth:	19.43 feet	Well Diameter:	4 inch	
		Screen Length:	17 feet	6/28/02 sounded depth 18.45 ft		
Date	Screen Interval (feet)	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Depth to Product (feet BTOC)	Product Thickness (feet)	Groundwater Elevation (feet)
10/27/2000	2.5 - 20	98.25	NM	NFP	0.00	NM
12/1/2000	2.5 - 20	98.25	8.53	NFP	0.00	89.72
2/16/2001	2.5 - 20	98.25	7.90	NFP	0.00	90.35
2/20/2001	2.5 - 20	98.25	7.72	NFP	0.00	90.53
6/27/2001	2.5 - 20	98.25	8.03	NFP	0.00	90.22
9/19/2001	2.5 - 20	98.25	8.06	NFP	0.00	90.19
6/27/2002	2.5 - 20	98.25	7.41	NFP	0.00	90.84
10/21/2002	2.5 - 20	98.25	7.96	NFP	0.00	90.29

BTOC - Below top of casing

NM - Not measured

NFP - No free product

GW Elevation = (TOC Elevation-Depth to groundwater)+ (0.75*product thickness)

Groundwater elevations in wells with product were corrected using a product specific gravity of 0.75

Table 2
AS/SVE Cumulative Hydrocarbon Destruction Summary
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

Date	Engine #	Event Type	Wells	Destruction Rate		Total Amount Destroyed		Cumulative Destruction	
				(hrs)	(lbs/hr)	(lbs)	(gal)	(lbs)	(gal)
7/25/2002	2	DE + AS	V-8, V-9, R-1, R-2 S-3	6.92	2.31	15.99	2.55	15.99	2.55
				6.03	2.37	13.93	2.23	29.91	4.78
				Event Total		4.62	29.91	4.78	
9/24 thru 9/26 2002	2	DE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	37.60	0.92	34.59	5.53	64.51	10.30
				37.42	1.94	72.59	11.60	137.10	21.90
				Event Total		2.86	107.19	17.12	
9/27 thru 10/3 2002	2	DE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	151.63	0.63	95.53	15.26	232.63	37.16
				151.63	1.18	178.92	28.58	411.55	65.74
				Event Total		1.81	274.45	43.84	
10/4/2002	2	DE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	6.98	0.66	4.61	0.74	416.16	66.48
				6.98	2.28	15.91	2.54	432.07	69.02
				Event Total		2.94	20.52	3.28	
10/5/2002	2	DE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	6.48	0.90	5.83	0.93	437.90	69.95
				5.98	1.61	9.63	1.54	447.53	71.49
				Event Total		2.51	15.46	2.47	
10/6/2002	2	DE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	5.98	1.99	11.90	1.90	459.43	73.39
				5.98	0.33	1.97	0.32	461.41	73.71
				Event Total		2.32	13.87	2.22	
10/7/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	8.48	2.72	23.07	3.68	484.47	77.39
				0.00	0.00	0.00	0.00	484.47	77.39
				Event Total		2.72	23.07	3.68	
10/8/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	9.97	3.00	29.91	4.78	514.38	82.17
				0.00	0.00	0.00	0.00	514.38	82.17
				Event Total		3.00	29.91	4.78	
10/9/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	11.48	2.47	28.36	4.53	542.74	86.70
				0.00	0.00	0.00	0.00	542.74	86.70
				Event Total		2.47	28.36	4.53	
10/10/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	15.97	2.59	41.36	6.61	584.10	93.31
				0.00	0.00	0.00	0.00	584.10	93.31
				Event Total		2.59	41.36	6.61	
10/11/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	16.58	1.52	25.20	4.03	609.30	97.33
				0.00	0.00	0.00	0.00	609.30	97.33
				Event Total		1.52	25.20	4.03	
10/12/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	8.48	2.15	18.23	2.91	627.53	100.24
				0.00	0.00	0.00	0.00	627.53	100.24
				Event Total		2.15	18.23	2.91	
10/13/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	6.00	1.71	10.26	1.64	637.79	101.88
				0.00	0.00	0.00	0.00	637.79	101.88
				Event Total		1.71	10.26	1.64	
10/14/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	6.98	2.27	15.84	2.53	653.64	104.42
				0.00	0.00	0.00	0.00	653.64	104.42
				Event Total		2.27	15.84	2.53	
10/21/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	9.47	2.15	20.36	3.25	674.00	107.67
				0.00	0.00	0.00	0.00	674.00	107.67
				Event Total		2.15	20.36	3.25	
10/22/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	8.48	2.37	20.10	3.21	694.10	110.88
				0.00	0.00	0.00	0.00	694.10	110.88
				Event Total		2.37	20.10	3.21	
10/23/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	15.47	1.30	20.11	3.21	714.21	114.09
				0.00	0.00	0.00	0.00	714.21	114.09
				Event Total		1.30	20.11	3.21	
10/24/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	21.45	1.23	26.38	4.21	740.59	118.31
				0.00	0.00	0.00	0.00	740.59	118.31
				Event Total		1.23	26.38	4.21	
10/25/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	1.50	1.95	2.93	0.47	743.52	118.77
				0.00	0.00	0.00	0.00	743.52	118.77
				Event Total		1.95	2.93	0.47	
10/27/2002	2	SE + AS	RW-1, RW-2, V-8, V-9 S-3, S-5	6.98	2.22	15.50	2.48	759.01	121.25
				0.00	0.00	0.00	0.00	759.01	121.25
				Event Total		2.22	15.50	2.48	

Total Amount Destroyed	759.01 Pounds 121.25 Gallons
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Notes:

Event Type: SE = Single Engine
 DE = Dual Engine
 Vac = with Vac Truck
 AS = with Air Sparge

7/25/02: Engine destruction rate is assumed to be equal to engine one. Destruction data for engine two is inaccurate due to a failing catalytic converter.

Table 3
 Ground Water BTEX Analytical Results
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
GROUNDWATER REMEDIALTION OBJECTIVES	CLASS I	0.005	1	0.7	10
	CLASS II	0.025	2.5	1	10
OW-1	1/18/1993	< 0.001	< 0.003	< 0.002	< 0.002
	1/12/1994	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	5/17/1994	< 0.001	< 0.002	< 0.002	< 0.002
	8/30/1995	< 0.001	< 0.002	< 0.002	< 0.002
	11/12/1996	< 0.001	< 0.002	< 0.002	< 0.002
	4/2/1997	0.001	< 0.002	< 0.002	< 0.002
	8/20/1999	0.001	< 0.0009	< 0.0009	< 0.0018
	2/8/2000	< 0.001	< 0.001	< 0.001	< 0.003
	4/26/2000	< 0.001	< 0.001	< 0.001	< 0.003
	10/27/2000	< 0.001	< 0.001	< 0.001	< 0.003
	2/16/2001	< 0.00013	< 0.0002	< 0.00022	< 0.00023
	6/27/2001	< 0.00013	< 0.0002	< 0.00022	< 0.00023
	9/19/2001	< 0.00031	< 0.00039	< 0.00038	< 0.0011
	1/3/2002	< 0.00013	< 0.0002	< 0.00022	< 0.00023
	06/27/02	< 0.00013	< 0.0002	< 0.00022	< 0.00023
10/21/02	< 0.001	< 0.001	< 0.001	< 0.003	
OW-2	1/18/1993	0.043 ^{1,2}	0.006	0.085	0.085
	1/12/1994	LPH	LPH	LPH	LPH
	5/17/1994	0.650 ^{1,2}	0.012	0.450	0.011
	8/30/1995	0.700 ^{1,2}	0.010	0.420	0.025
	11/12/1996	0.0099 ¹	0.014	0.0044	0.0041
	4/2/1997	0.260 ^{1,2}	0.004	0.290	0.025
	8/20/1999	0.190 ^{1,2}	0.0019	0.330	0.013
	2/8/2000	< 0.001	< 0.001	< 0.001	< 0.003
	4/26/2000	0.0015	< 0.001	< 0.001	< 0.003
	10/27/2000	0.037 ^{1,2}	0.0019	0.054	0.0067
	2/16/2001	0.016 ¹	< 0.00027	0.020	0.0006
	6/27/2001	0.190 ^{1,2}	0.00470	0.320	0.0056
	06/27/2001 D	0.160 ^{1,2}	0.0044	0.300	0.0058
	9/19/2001	0.260 ^{1,2}	0.0042	0.410	< 0.011
	1/3/2002	0.042 ^{1,2}	< 0.001	0.060	< 0.0012
6/27/2002	0.130 ^{1,2}	< 0.00024	0.160	0.0025	
10/21/2002	0.0055 ¹	0.0013	0.0016	< 0.003	

Table 3
Ground Water BTEX Analytical Results
Amoco Service Station No. 5954
11500 South Halsted Street
Chicago, Cook County, Illinois

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
GROUNDWATER REMEDIALTION OBJECTIVES	CLASS I	0.005	1	0.7	10
	CLASS II	0.025	2.5	1	10
OW-3	1/18/1993	1.600 ^{1,2}	1.300 ¹	0.160	0.690
	1/12/1994	LPH	LPH	LPH	LPH
	5/17/1994	4.200 ^{1,2}	1.200 ¹	0.760 ¹	2.100
	8/30/1995	LPH	LPH	LPH	LPH
	11/12/1996	LPH	LPH	LPH	LPH
	4/2/1997	LPH	LPH	LPH	LPH
	8/20/1999	LPH	LPH	LPH	LPH
	2/8/2000	LPH	LPH	LPH	LPH
	4/26/2000	0.540 ^{1,2}	0.030	0.270	0.930
	10/27/2000	LPH	LPH	LPH	LPH
	2/16/2001	2.100 ^{1,2}	0.130	0.710 ¹	3.100
	6/27/2001	NS	NS	NS	NS
	9/19/2001	2.000 ^{1,2}	0.170	0.650	1.600
	1/3/2002	1.000 ^{1,2}	< 0.004	0.310	0.500
	1/30/2002	0.510 ^{1,2}	0.0085	0.330	0.510
6/27/2002	0.590 ^{1,2}	0.0044	0.450	0.280	
10/21/2002	< 0.001	< 0.001	0.170	0.270	
OW-4	1/18/1993	0.180 ^{1,2}	0.021	0.023	0.042
	1/12/1994	LPH	LPH	LPH	LPH
	5/17/1994	LPH	LPH	LPH	LPH
	8/30/1995	0.210 ^{1,2}	0.004	0.006	0.009
	11/12/1996	< 1.000	< 2.000	< 2.000	< 2.000
	4/2/1997	NS	NS	NS	NS
	8/20/1999	LPH	LPH	LPH	LPH
	2/8/2000	LPH	LPH	LPH	LPH
	4/26/2000	LPH	LPH	LPH	LPH
	10/27/2000	LPH	LPH	LPH	LPH
	6/27/2001	0.500 ^{1,2}	0.063	< 0.0044	0.052
	9/19/2001	LPH	LPH	LPH	LPH
	1/3/2002	0.051 ^{1,2}	0.0072	< 0.0044	0.0092
	9/24/2002	0.070 ^{1,2}	0.0032	0.0016	0.0069
	10/21/2002	< 0.001	0.0019	< 0.001	< 0.003

Table 3
Ground Water BTEX Analytical Results
Amoco Service Station No. 5954
11500 South Halsted Street
Chicago, Cook County, Illinois

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
GROUNDWATER REMEDIAION OBJECTIVES	CLASS I	0.005	1	0.7	10
	CLASS II	0.025	2.5	1	10
OW-5	1/18/1993	0.091 ^{1,2}	0.002	0.019	0.007
	1/12/1994	0.800 ^{1,2}	< 0.0025	0.110	0.0053
	5/17/1994	1.100 ^{1,2}	< 0.002	0.180	0.018
	8/30/1995	1.200 ^{1,2}	< 0.010	0.041	0.020
	11/12/1996	0.710 ^{1,2}	< 0.200	< 0.200	< 0.200
	4/2/1997	NS	NS	NS	NS
	8/20/1999	0.220 ^{1,2}	0.0015	0.0028	0.0036
	2/8/2000	0.220 ^{1,2}	0.0039	< 0.00100	0.0051
	4/26/2000	0.200 ^{1,2}	0.0022	< 0.00100	0.0043
	10/27/2000	0.052 ^{1,2}	0.0022	< 0.00100	< 0.00300
	2/16/2001	0.250 ^{1,2}	< 0.00200	0.035	0.0042
	6/27/2001	0.330 ^{1,2}	0.0022	0.047	0.0058
	9/19/2001	0.500 ^{1,2}	< 0.0039	0.110	0.011
	1/3/2002	0.037 ^{1,2}	< 0.001	< 0.0011	0.0017
6/27/2002	0.010 ¹	0.00039	0.0014	0.003	
6/27/2002 D	0.008 ¹	< 0.0004	0.0013	0.003	
10/21/2002	< 0.001	< 0.001	< 0.001	< 0.003	
OW-6	1/18/1993	0.320 ^{1,2}	0.180	0.410	0.430
	1/12/1994	0.840 ^{1,2}	0.093	0.520	1.800
	5/17/1994	1.300 ^{1,2}	0.350	0.870 ¹	3.000
	8/30/1995	2.200 ^{1,2}	0.100	0.240	0.790
	11/12/1996	NS	NS	NS	NS
	4/2/1997	2.100 ^{1,2}	0.390	1.300 ^{1,2}	7.500
	8/20/1999	0.026 ^{1,2}	0.073	0.0051	0.051
	2/8/2000	0.042 ^{1,2}	0.022	0.0045	0.020
	4/26/2000	0.140 ^{1,2}	0.031	0.082	0.320
	10/27/2000	0.011 ¹	0.160	0.033	0.150
	2/16/2001	0.800 ^{1,2}	0.098	0.290	1.400
	6/27/2001	0.640 ^{1,2}	0.065	0.240	1.400
	9/19/2001	0.580 ^{1,2}	0.027	0.210	1.300
	1/3/2002	0.017 ¹	< 0.002	0.0057	0.030
6/27/2002	0.190 ^{1,2}	0.00072	0.078	0.140	
10/21/2002	0.016 ¹	0.0089	0.0067	0.022	

Table 3
Ground Water BTEX Analytical Results
Amoco Service Station No. 5954
11500 South Halsted Street
Chicago, Cook County, Illinois

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
GROUNDWATER REMEDIALTION OBJECTIVES	CLASS I	0.005	1	0.7	10
	CLASS II	0.025	2.5	1	10
OW-7	1/18/1993	0.013 ¹	0.002	0.010	0.022
	1/12/1994	0.048 ^{1,2}	0.0043	< 0.00050	0.0015
	5/17/1994	0.035 ^{1,2}	0.006	< 0.00200	0.003
	8/30/1995	0.100 ^{1,2}	< 0.00200	< 0.00200	< 0.0020
	11/12/1996	0.110 ^{1,2}	< 0.01000	< 0.01000	< 0.0100
	4/2/1997	0.250 ^{1,2}	0.024	< 0.00200	0.010
	8/20/1999	0.0028	< 0.0009	< 0.0009	< 0.00180
	2/8/2000	Dry	Dry	Dry	Dry
	4/26/2000	0.016 ¹	0.0035	< 0.00100	< 0.00300
	10/27/2000	< 0.001	0.0048	< 0.00100	< 0.00300
	2/16/2001	0.039 ^{1,2}	0.0037	< 0.00110	0.0038
	6/27/2001	0.057 ^{1,2}	0.003	0.00088	0.0026
	9/19/2001	0.200 ^{1,2}	0.0074	0.0041	0.018
	1/3/2002	0.031 ^{1,2}	0.0014	0.0012	0.0027
6/27/2002	0.017 ¹	0.00059	0.00038	0.00074	
10/21/2002	0.050 ^{1,2}	0.0033	< 0.001	< 0.003	
OW-8	1/12/1994	< 0.001	< 0.0005	< 0.0005	< 0.0005
	5/17/1994	< 0.002	< 0.002	< 0.002	< 0.002
	8/30/1995	< 0.002	< 0.002	< 0.002	< 0.002
	11/12/1996	< 0.001	< 0.002	< 0.002	< 0.002
	4/2/1997	NS	NS	NS	NS
	8/20/1999	< 0.001	< 0.0009	< 0.0009	0.0031
	2/8/2000	< 0.001	< 0.001	0.0012	< 0.003
	4/26/2000	< 0.001	< 0.001	< 0.001	< 0.003
	10/27/2000	< 0.001	< 0.001	< 0.001	< 0.003
	2/16/2001	< 0.00013	< 0.0002	< 0.00022	< 0.00023
	6/27/2001	< 0.00013	< 0.0002	< 0.00022	< 0.00023
	9/19/2001	< 0.00031	< 0.00039	< 0.00038	< 0.0011
	1/3/2002	< 0.00013	< 0.0002	< 0.00022	< 0.00023
	6/27/2002	< 0.00013	< 0.0002	< 0.00022	< 0.00023
10/21/2002	< 0.001	< 0.001	< 0.001	< 0.003	

Table 3
Ground Water BTEX Analytical Results
 Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
GROUNDWATER REMEDIALTION OBJECTIVES	CLASS I	0.005	1	0.7	10
	CLASS II	0.025	2.5	1	10
OW-9	1/12/1994	0.200 ^{1,2}	0.098	0.250	0.970
	3/30/1994	1.000 ^{1,2}	0.120	0.610	1.000
	5/17/1994	0.580 ^{1,2}	0.062	0.460	0.750
	8/30/1995	1.000 ^{1,2}	0.140	0.920 ¹	1.000
	11/12/1996	< 0.500	< 1.000	< 1.000	1.400
	4/2/1997	0.880 ^{1,2}	0.120	0.940 ¹	1.800
	8/20/1999	0.490 ^{1,2}	0.055	0.250	2.900
	2/8/2000	0.160 ^{1,2}	0.066	0.320	4.100
	4/26/2000	0.420 ^{1,2}	0.14	1.300 ^{1,2}	4.300
	10/27/2000	LPH	LPH	LPH	LPH
	2/16/2001	0.650 ^{1,2}	0.046	2.300 ^{1,2}	5.100
	6/27/2001	0.660 ^{1,2}	0.029	1.500 ^{1,2}	2.900
	9/19/2001	0.930 ^{1,2}	0.028	1.800 ^{1,2}	3.000
	1/3/2002	0.032 ^{1,2}	< 0.004	0.110	0.083
	6/27/2002	0.020 ¹	< 0.0002	0.035	0.046
10/21/2002	0.0042	0.015	0.0081	< 0.003	
OW-10	1/12/1994	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	5/17/1994	0.016 ¹	0.007	0.005	0.016
	8/30/1995	< 0.001	< 0.002	< 0.002	< 0.002
	11/12/1996	< 0.001	< 0.002	< 0.002	< 0.002
	4/2/1997	NS	NS	NS	NS
	8/20/1999	< 0.0009	< 0.0009	< 0.0009	< 0.0027
	2/8/2000	NS	NS	NS	NS
	4/26/2000	< 0.001	< 0.001	< 0.001	0.0056
	10/27/2000	dry	dry	dry	dry
	10/27/2000	NS	NS	NS	NS
	6/27/2001	< 0.00013	< 0.00020	< 0.00022	< 0.00023
	9/19/2001	< 0.00031	< 0.00039	< 0.00038	< 0.0011
	1/3/2002	< 0.00013	< 0.00020	< 0.00022	< 0.00023
	01/3/2002 D	< 0.00013	< 0.00020	< 0.00022	< 0.00023
	06/27/02	< 0.00013	< 0.00020	< 0.00022	< 0.00023
10/21/02	< 0.001	< 0.001	< 0.001	< 0.003	

Table 3
Ground Water BTEX Analytical Results
Amoco Service Station No. 5954
11500 South Halsted Street
Chicago, Cook County, Illinois

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
GROUNDWATER REMEDIATION OBJECTIVES	CLASS I	0.005	1	0.7	10
	CLASS II	0.025	2.5	1	10
OW-11	6/7/1994	< 0.001	< 0.002	< 0.002	< 0.002
	8/30/1995	< 0.001	< 0.002	< 0.002	< 0.002
	11/12/1996	NS	NS	NS	NS
	4/2/1997	NS	NS	NS	NS
	8/20/1999	< 0.0009	< 0.0009	< 0.0009	< 0.0018
	2/8/2000	< 0.001	< 0.001	< 0.001	< 0.003
	4/26/2000	< 0.001	< 0.001	< 0.001	< 0.003
	10/27/2000	< 0.001	< 0.001	< 0.001	< 0.003
	2/16/2001	< 0.00013	< 0.00020	< 0.00022	< 0.00023
	6/27/2001	< 0.00013	< 0.00020	< 0.00022	< 0.00023
	9/19/2001	< 0.00031	< 0.00039	< 0.00038	< 0.00110
1/3/2002	< 0.00013	< 0.00020	< 0.00022	< 0.00023	
6/27/2002	< 0.00013	< 0.00020	< 0.00022	< 0.00023	
10/21/2002	< 0.001	< 0.001	< 0.001	< 0.003	
RW-1 (R-1)	10/27/2000	0.0041	< 0.001	< 0.001	< 0.003
	2/16/2001	0.290 ^{1,2}	0.057	< 0.00440	0.017
	6/27/2001	NS	NS	NS	NS
	9/19/2001	0.510 ^{1,2}	0.0064	0.0098	0.016
	6/27/2002	0.029 ^{1,2}	0.0052	0.0018	0.0055
RW-2 (R-2)	10/27/2000	1.200 ^{1,2}	0.014	0.027	0.063
	2/16/2001	1.000 ^{1,2}	0.020	0.11	0.340
	6/27/2001	NS	NS	NS	NS
	9/19/2001	1.800 ^{1,2}	0.026	0.470	1.100
	6/27/2002	0.140 ^{1,2}	0.00088	0.035	0.011
P-1	12/1/1993	< 0.0005	< 0.0005	< 0.0005	< 0.0005
P-2	12/1/1993	0.270 ^{1,2}	< 0.001	0.050	0.0094
P-3	12/1/1993	1.100 ^{1,2}	0.250	0.160	0.550
P-4	12/1/1993	0.0019	< 0.0005	< 0.0005	< 0.0005
P-5	12/1/1993	0.014 ¹	0.0007	0.0054	0.0011
P-6	12/1/1993	0.0052 ¹	< 0.0005	0.00053	0.0013
P-7	12/1/1993	0.0075 ¹	0.00066	0.0072	0.019
P-8	12/1/1993	< 0.0005	< 0.0005	< 0.0005	< 0.0005
P-9	12/1/1993	< 0.0005	< 0.0005	< 0.0005	< 0.0005

1 = Class I Remediation Objectives exceeded

2 = Class II Remediation Objectives exceeded

LPH = Liquid Phase Hydrocarbons

NS = Not sampled

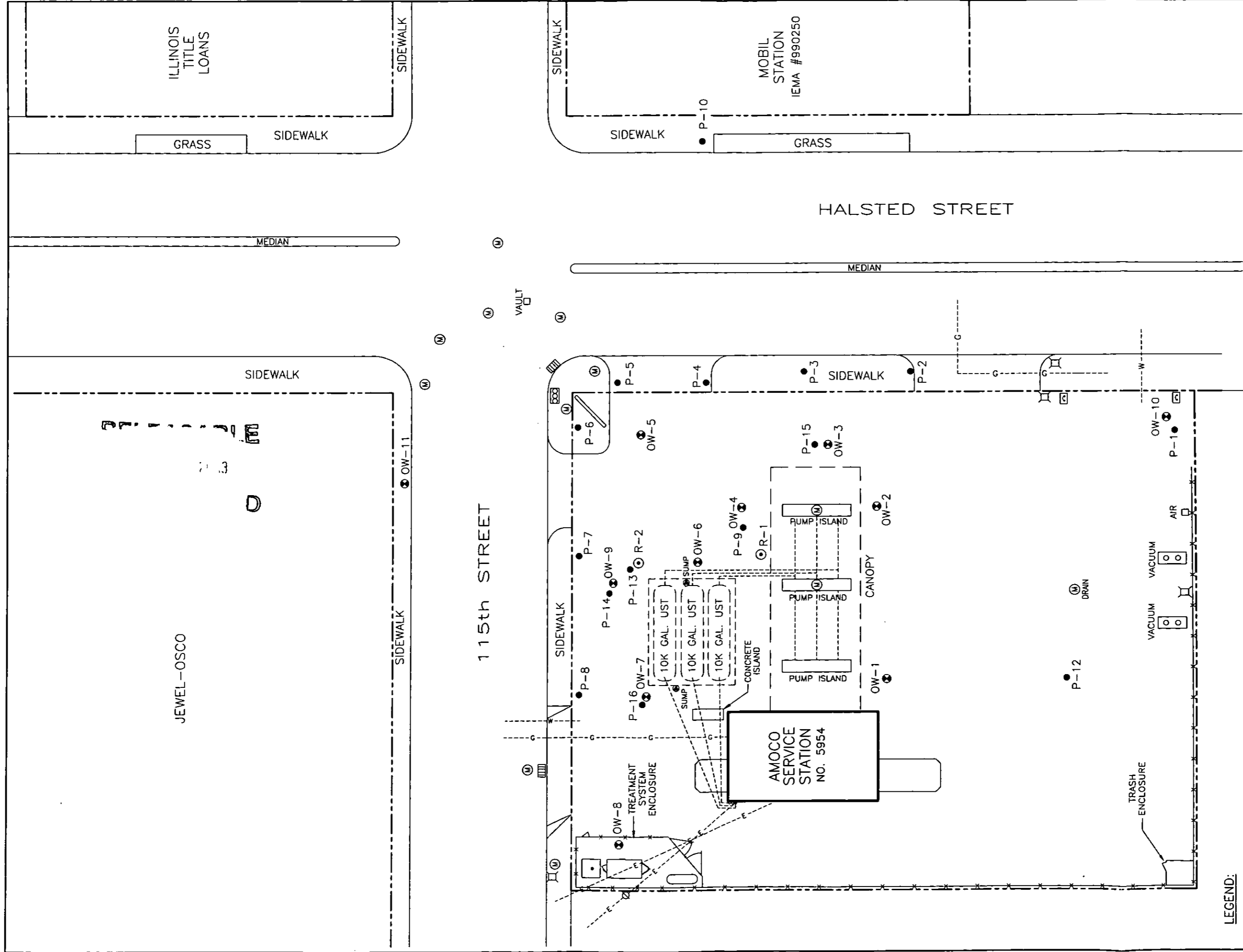
D = duplicate

Results are reported in milligrams per liter (mg/L).

All samples were analyzed using USEPA Method 8020.

This site has been evaluated based on Class I Remediation Objectives.

FIGURES



- LEGEND:**
- SOIL BORING
 - ⊗ MONITORING WELL
 - ⊙ RECOVERY WELL
 - PROPERTY BOUNDARY
 - - - FENCE
 - ⊕ UTILITY POLE
 - Ⓜ MANHOLE
 - ▤ CATCH BASIN
 - ⊕ LIGHT POLE
 - Ⓜ TELEPHONE
 - Ⓜ TRAFFIC SIGNAL
 - - - G GAS LINE
 - - - E ELECTRIC LINE
 - - - W WATER LINE

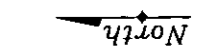


FIGURE 1
SITE MAP WITH UTILITIES
 AMOCO SERVICE STATION NO. 5954
 11500 S. HALSTED STREET
 CHICAGO, ILLINOIS

PROJECT NO.	PREPARED BY	DRAWN BY
AMGO-OJ9	TS	DD
DATE	REVIEWED BY	FILE NAME
11/22/02		5954-30



RELEASABLE
 1-22-03
 REVIEWED MD

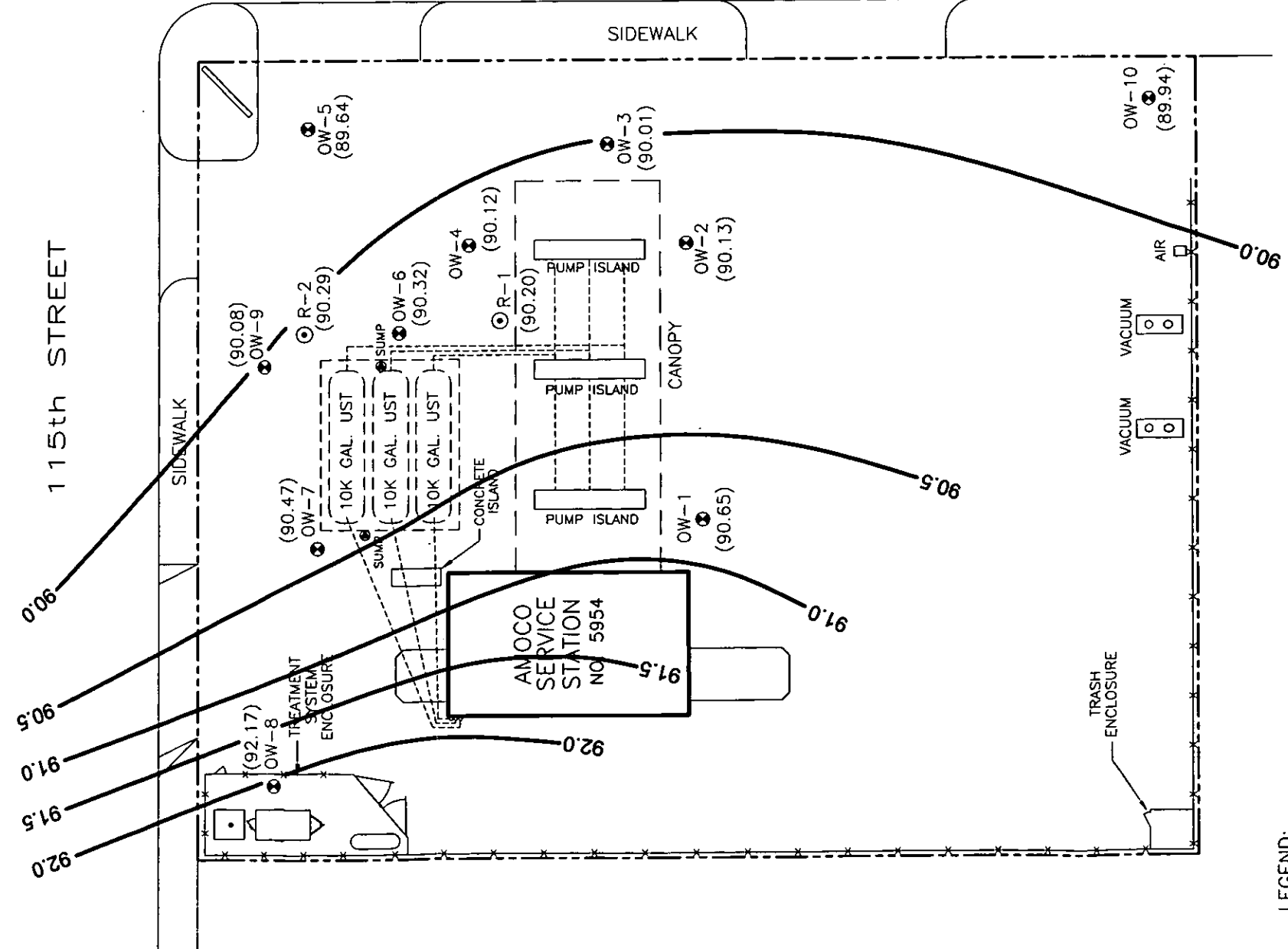
JEWEL-OSCO

ILLINOIS
 TITLE
 LOANS

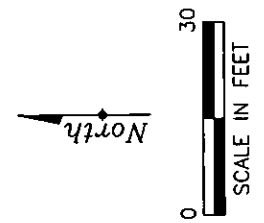
MOBIL
 STATION
 IEMA #990250

FIGURE 2
 GROUND WATER CONTOUR MAP
 (OCTOBER 21, 2002)
 AMOCO SERVICE STATION NO. 5954
 11500 S. HALSTED STREET
 CHICAGO, ILLINOIS

PROJECT NO. AMGO-OJ9	PREPARED BY TS	DRAWN BY DD
DATE 11/22/02	REVIEWED BY	FILE NAME 5954-30



- LEGEND:**
- MONITORING WELL
 - RECOVERY WELL
 - PROPERTY BOUNDARY
 - - - FENCE
 - (90.47) GROUND WATER ELEVATION (IN FEET ABOVE SITE DATUM)
 - (NM) NOT MEASURED
 - 90.0 GROUND WATER CONTOUR LINE; CONTOUR INTERVAL = 0.5 FEET



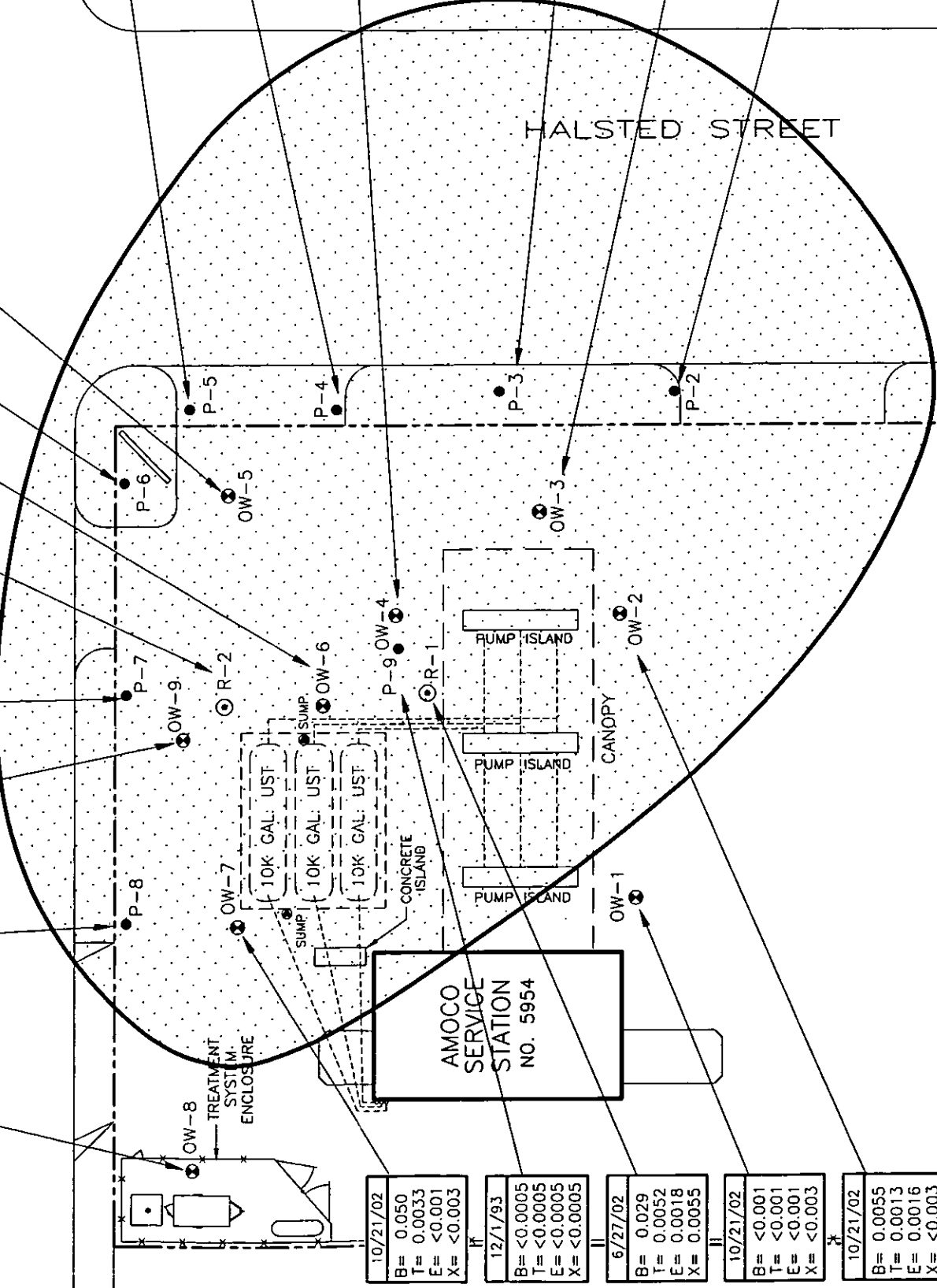
RELEASABLE
FEB 20 2003
REVIEWED MD

JEWEL-OSCO

ILLINOIS
TITLE
LOANS

10/21/02 B= <0.001 T= <0.001 E= <0.001 X= <0.003	12/1/93 B= <0.0005 T= <0.0005 E= <0.0005 X= <0.0005	10/21/02 B= 0.0042 T= 0.015 E= 0.0081 X= <0.003	12/1/93 B= 0.0075 T= 0.00066 E= 0.0072 X= 0.019	10/21/02 B= <0.001 T= <0.001 E= <0.001 X= <0.003	6/27/02 B= 0.14 T= 0.00088 E= 0.035 X= 0.011	10/21/02 B= 0.016 T= 0.0089 E= 0.0067 X= 0.022	12/1/93 B= 0.0052 T= <0.0005 E= 0.00053 X= 0.0013	10/21/02 B= <0.001 T= <0.001 E= <0.001 X= <0.003
--	---	---	---	--	--	--	---	--

115th STREET



12/1/93 B= 0.014 T= 0.0007 E= 0.0054 X= 0.0011
--

12/1/93 B= 0.0019 T= <0.0005 E= <0.0005 X= <0.0005
--

10/21/02 B= <0.001 T= 0.0019 E= <0.001 X= <0.003
--

MOBIL
STATION
IEMA #990250

12/1/93 B= 1.10 T= 0.250 E= 0.160 X= 0.550
--

10/21/02 B= <0.001 T= <0.001 E= 0.170 X= 0.270
--

12/1/93 B= 0.270 T= <0.001 E= 0.050 X= 0.0094

10/21/02 B= <0.001 T= <0.001 E= <0.001 X= <0.003
--

10/21/02 B= 0.050 T= 0.0033 E= <0.001 X= <0.003

12/1/93 B= <0.0005 T= <0.0005 E= <0.0005 X= <0.0005

6/27/02 B= 0.029 T= 0.0052 E= 0.0018 X= 0.0055
--

10/21/02 B= <0.001 T= <0.001 E= <0.001 X= <0.003
--

10/21/02 B= 0.0055 T= 0.0013 E= 0.0016 X= <0.003
--

12/1/93 B= <0.0005 T= <0.0005 E= <0.0005 X= <0.0005

LEGEND:

- SOIL BORING
- ⊙ MONITORING WELL
- ⊙ RECOVERY WELL
- PROPERTY BOUNDARY
- - - FENCE
- [Dotted Area] ESTIMATED AREA OF GROUND WATER IMPACT

10/21/02	SAMPLE DATE
B= <0.001	BENZENE
T= <0.001	TOLUENE
E= <0.001	ETHYLBENZENE
X= <0.003	TOTAL XYLENES

R.O.	TIER 1 REMEDIATION OBJECTIVES
B= 0.005	
T= 1.0	
E= 0.7	
X= 10	

NOTE:

ALL CONCENTRATIONS EXPRESSED IN MILLIGRAMS PER LITER (mg/L).
ESTIMATED EXTENT OF IMPACTED GROUND WATER BASED ON MODELED EXCEEDENCES OF
TIER 1 CLASS 1 REMEDIATION OBJECTIVES AND SOIL COMPONENT TO GROUND WATER INGESTION.

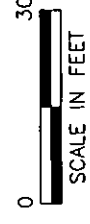


FIGURE 3
GROUND WATER ASSESSMENT MAP
AMOCO SERVICE STATION NO. 5954
11500 S. HALSTED STREET
CHICAGO, ILLINOIS

PROJECT NO. AMCO-0J9	PREPARED BY TS	DRAWN BY DD
DATE 11/22/02	REVIEWED BY	FILE NAME 5954-30



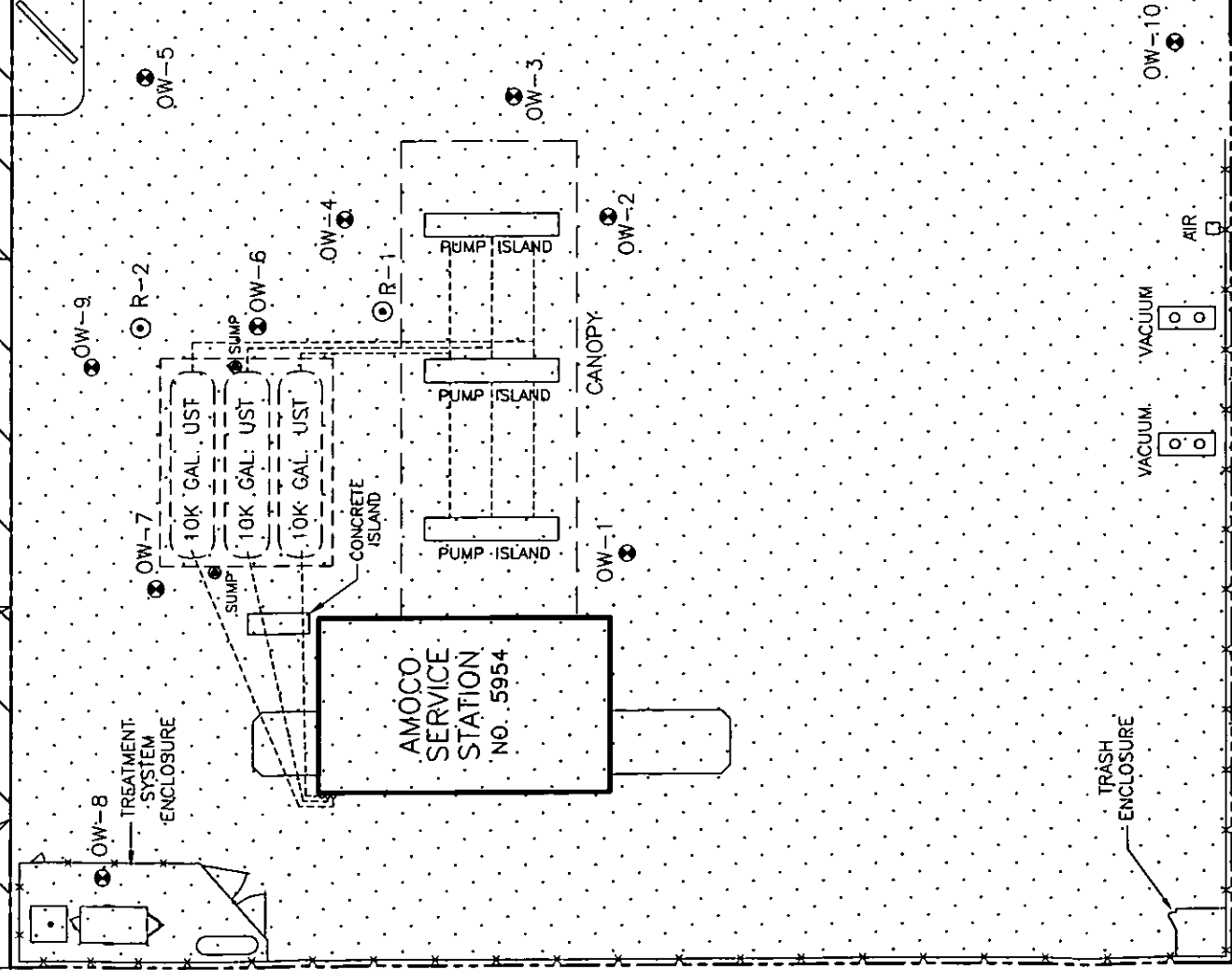
JEWEL-OSCO

ILLINOIS
TITLE
LOANS

MOBIL
STATION
IEMA #990250

115th STREET

HALSTED STREET



LEGEND:

- MONITORING WELL
- RECOVERY WELL
- - - PROPERTY BOUNDARY
- FENCE
- [Hatched Box] AREA OF HIGHWAY AUTHORITY AGREEMENT
- [Dotted Box] AREA OF GROUND WATER ORDINANCE NOTIFICATION

NOTE: AREA OF AGREEMENT IS UNDER DUAL JURISDICTION OF THE CITY OF CHICAGO AND IDOT.

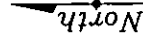


FIGURE 4
HIGHWAY AGREEMENT LOCATION MAP
 AMOCO SERVICE STATION NO. 5954
 11500 S. HALSTED STREET
 CHICAGO, ILLINOIS

PROJECT NO. AMCO-009	PREPARED BY TS	DRAWN BY DD
DATE 11/22/02	REVIEWED BY	FILE NAME 5954-30







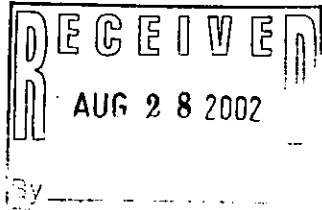


ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

RENEE CIPRIANO, DIRECTOR

217/782-6762



AUG 26 2002

CERTIFIED MAIL

7001-2510-0002-S279-S215

BP Products North America Inc.
Attention: David Piotrowski
28100 Torch Parkway, 3-S
Warrenville, Illinois 60555

Re: LPC #0316545010 -- Cook County
Chicago / Amoco Oil Co. #5954
11500 South Halsted
LUST Incident No. 923184
LUST TECHNICAL FILE

Dear Mr. Piotrowski:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the Corrective Action Plan/Closure Response Letter submitted for the above-referenced LUST Incident. This information was dated May 31, 2002, and received by the Illinois EPA on June 5, 2002.

The Illinois EPA has the following comments at this time:

1. The corrective action plan proposing the use of air sparging/soil vapor extraction to address residual contamination is approved.
2. The hydraulic gradient in the Tier 2 evaluation should be calculated using MW-8 and MW-5 in order to obtain the most conservative value from the groundwater elevation data collected February 6, 2002.
3. The proposed highway authority agreement for Halsted and 115th Streets needs to be submitted. The location of the Halsted Street agreement should be extended to include the eastern right-of-way instead of ending at the centerline.
4. The City of Chicago should be notified of groundwater contamination beneath the subject site in accordance with the Chicago groundwater use ordinance.

GEORGE H. RYAN, GOVERNOR

Page 2

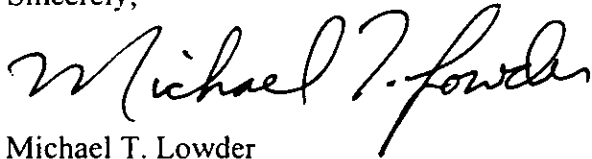
Please submit this information within 90 days to:

Illinois Environmental Protection Agency
Bureau of Land - #24
LUST Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Please include the Re: block at the beginning of this letter on all correspondence. All correspondence must be submitted in duplicate.

If you have any questions regarding this letter, please contact Melinda Friedel at 217/782-6762.

Sincerely,



Michael T. Lowder
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

cc: Delta Environmental
Division File



Unit ID: 1203
 Controller SN: 196
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 1

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge	
7/25/2002 11:37	0	0	1804	70	76	0	41	0.4	0	21.07	0	672	720	0.00	0.00	-	Baseline		
7/25/2002 11:52	4800	1500	1809	58	78	56	33	0.383	10	21.07	2.15	728	792	0.20	0.25	0.05	V-8		
7/25/2002 12:07	0	100	1821	70	78	72	38	0.4	12	19.96	21.51	816	864	0.02	0.25	0.08	V-8		
7/25/2002 12:22	0	0	1780	70	82	68	39	0.433	10	20.12	21.51	808	864	0.00	0.25	0.06	V-8		
7/25/2002 12:37	3200	900	1797	70	78	68	38	0.383	12	19.96	21.51	816	864	0.15	0.25	0.09	V-8		
7/25/2002 12:52	16000	2000	1794	42	78	140	23	0.367	22	20.91	10.76	704	760	0.60	0.25	0.24	R-1		
7/25/2002 13:07	120000	21200	1817	80	62	132	42	0.283	18	18.37	21.51	944	1016	4.61	0.25	1.39	R-1		
7/25/2002 13:22	131200	19400	1780	84	64	144	43	0.283	16	18.06	21.51	992	1088	4.22	0.25	2.45	R-1		
7/25/2002 13:37	40000	7700	1824	72	76	112	38	0.367	16	19.17	21.51	872	920	1.68	0.25	2.87	R-2		
7/25/2002 13:52	67200	12000	1814	74	76	120	39	0.333	16	19.01	21.51	928	992	2.61	0.25	3.52	R-2		
7/25/2002 14:07	68800	13100	1815	72	74	120	39	0.333	15	19.17	21.51	920	984	2.67	0.25	4.19	R-2		
7/25/2002 14:22	14400	7800	1786	64	80	32	36	0.367	5	21.07	19.36	704	768	0.53	0.25	4.32	V-9		
7/25/2002 14:37	18000	10500	1823	66	74	24	38	0.367	4	20.75	21.51	728	784	0.57	0.25	4.46	V-9		
7/25/2002 14:52	18000	8500	1796	68	74	32	38	0.367	5	20.75	21.51	736	792	0.58	0.25	4.61	V-9		
7/25/2002 15:07	14400	8200	1818	68	76	32	38	0.367	5	20.75	21.51	736	792	0.56	0.25	4.75	V-9		
7/25/2002 15:22	41600	7300	1790	70	72	100	38	0.35	13	19.64	8.6	840	872	1.29	0.25	5.07	R-1, R-2		
7/25/2002 15:37	97600	12900	1822	80	74	160	39	0.35	21	18.06	12.91	992	1096	3.68	0.25	5.99	R-1, R-2		
7/25/2002 15:52	84800	11300	1789	78	74	156	39	0.35	20	18.22	15.06	984	1088	3.07	0.25	6.76	R-1, R-2		
7/25/2002 16:07	94400	11800	1798	78	74	164	39	0.35	21	18.06	12.91	992	1104	3.40	0.25	7.61	R-1, R-2		
7/25/2002 16:22	94400	12000	1814	76	78	168	39	0.35	21	17.9	10.76	992	1088	3.43	0.25	8.47	R-1, R-2	4 scfm on S-3	
7/25/2002 16:37	97600	12300	1806	76	78	172	39	0.35	21	17.9	12.91	992	1088	3.51	0.25	9.34	R-1, R-2	4 scfm on S-3	
7/25/2002 16:51	99200	12000	1780	76	76	178	38	0.35	22	17.9	12.91	1000	1104	3.59	0.23	10.18	R-1, R-2	6 scfm on S-3	
7/25/2002 17:06	100800	12200	1819	74	74	192	38	0.35	23	17.74	12.91	1000	1096	3.82	0.25	11.13	R-1, R-2	8 scfm on S-3	
7/25/2002 17:21	100800	11200	1805	74	78	192	37	0.35	24	17.74	15.06	992	1096	3.65	0.25	12.05	R-1, R-2	8 scfm on S-3	
7/25/2002 17:36	99200	10500	1790	76	80	192	37	0.35	24	17.74	15.06	1000	1096	3.43	0.25	12.91	R-1, R-2	8 scfm on S-3	
7/25/2002 17:51	100800	10700	1823	72	76	196	36	0.35	25	17.74	12.91	1000	1104	3.64	0.25	13.81	R-1, R-2	8 scfm on S-3	
7/25/2002 18:06	97600	10300	1789	72	76	200	36	0.35	25	17.74	12.91	1000	1096	3.50	0.25	14.69	R-1, R-2	8 scfm on S-3	
7/25/2002 18:21	86400	9500	1785	72	82	188	36	0.367	23	18.06	10.76	992	1080	2.97	0.25	15.43	R-1, R-2	8 scfm on S-3	
7/25/2002 18:32	32000	43500	1807	68	82	0	38	0.367	0	20.91	2.15	888	1072	2.97	0.18	15.98	R-1, R-2		
Total																6.92	15.98		

Avg. Lbs/Hr Removed:	2.31 lbs/hr
Total Run Time:	6.92 hours
Est. Total Lbs. Removed:	15.98 lbs
Equiv. Total Gal. Removed:	2.55 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/hr	ppm	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.
7/25/2002 11:37	0	0	1801	106	68	0	16.63	0	776	808	0.00	-	-	-	-	Baseline	
7/25/2002 11:52	27200	10500	1782	108	80	48	15.68	0	912	980	1.00	0.25	0.25	0.25	0.25	V-8	
7/25/2002 12:07	12800	2700	1818	118	84	52	13.14	0.6	984	984	0.26	0.25	0.25	0.25	0.25	V-8	
7/25/2002 12:22	6400	1600	1789	122	88	80	13.94	17.21	1008	1064	0.28	0.25	0.25	0.25	0.25	V-8	
7/25/2002 12:37	6400	1700	1809	120	84	80	13.94	19.36	1008	1064	0.28	0.25	0.25	0.25	0.25	V-8	
7/25/2002 12:52	22400	2700	1796	84	80	128	15.52	4.3	944	992	0.81	0.25	0.25	0.25	0.25	R-1	
7/25/2002 13:07	51200	9100	1793	138	78	104	12.51	17.21	1048	1088	1.86	0.25	0.25	0.25	0.25	R-1	
7/25/2002 13:22	48000	9100	1794	134	82	92	12.99	17.21	1048	1088	1.73	0.25	0.25	0.25	0.25	R-1	
7/25/2002 13:37	16000	3100	1798	130	86	96	12.99	19.36	1016	1048	0.59	0.25	0.25	0.25	0.25	R-2	
7/25/2002 13:52	25600	5300	1816	130	82	80	13.15	19.36	1048	1086	0.86	0.25	0.25	0.25	0.25	R-2	
7/25/2002 14:07	27200	6200	1815	128	82	80	13.15	17.21	1040	1088	1.01	0.25	0.25	0.25	0.25	R-2	
7/25/2002 14:22	20800	18500	1812	110	78	20	15.36	4.3	936	1008	0.75	0.25	0.25	0.25	0.25	V-9	
7/25/2002 14:37	17600	8000	1791	122	84	44	14.26	19.36	984	1032	0.65	0.25	0.25	0.25	0.25	V-9	
7/25/2002 14:52	17600	8200	1794	122	82	44	14.26	17.21	976	1032	0.67	0.25	0.25	0.25	0.25	V-9	
7/25/2002 15:06	17600	9700	1819	122	80	40	12.99	8.6	968	1024	0.66	0.23	0.23	0.23	0.23	V-9	
7/25/2002 15:21	28800	6100	1787	142	84	88	12.36	6.45	1024	1048	1.08	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 15:36	17600	4700	1795	134	86	68	12.99	8.6	1040	1088	0.64	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 15:51	14400	2900	1816	142	94	96	12.04	10.76	1048	1088	0.55	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 16:06	0	100	1794	152	104	64	12.04	8.6	1048	1096	0.01	0.15	0.15	0.15	0.15	R-1, R-2	
7/25/2002 16:15	0	0	1799	158	104	32	12.04	6.45	1024	1080	0.00	0.00	0.00	0.00	0.00	R-1, R-2	
7/25/2002 16:19	0	0	1802	114	78	0	15.21	6.45	864	904	0.00	0.07	0.07	0.07	0.07	R-1, R-2	
7/25/2002 16:34	0	0	1785	148	98	80	12.04	8.6	1040	1080	0.00	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 16:49	0	0	1800	150	100	80	12.04	10.76	1024	1072	0.00	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 17:04	0	0	1801	148	96	80	12.04	10.76	1032	1072	0.00	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 17:19	0	0	1809	148	98	72	12.04	8.6	1032	1072	0.00	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 17:34	0	0	1820	142	94	76	12.36	8.6	1024	1064	0.00	0.25	0.25	0.25	0.25	R-1, R-2	
7/25/2002 17:39	0	0	1803	136	92	0	13.78	6.45	1000	1056	0.00	0.08	0.08	0.08	0.08	R-1, R-2	
Total																	
3.46																	

Avg. Lbs/Hr Removed:	0.57 lbs/hr
Total Run Time:	6.03 hours
Est. Total Lbs. Removed:	3.46 lbs
Equiv. Total Gal. Removed:	0.55 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 1

Time Stamp	BTU/Hr	ppmv	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
9/24/2002 16:33	0	0	1809	76	62	0	43	0.433	0	20.43	0	712	768	0.00	-	-	Baseline	
9/24/2002 16:48	84800	14800	1798	86	58	116	44	0.4	15	18.22	4.3	920	1024	3.04	0.25	0.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:03	112000	19700	1808	96	66	136	48	0.417	15	17.27	10.76	984	1088	4.02	0.25	1.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:18	120000	21100	1807	94	66	144	47	0.4	16	17.27	8.6	984	1088	4.59	0.25	2.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:33	99200	17500	1819	86	64	136	44	0.393	16	18.06	10.76	976	1096	3.81	0.25	3.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:48	96000	17000	1820	84	64	140	43	0.4	17	17.9	10.76	984	1104	3.93	0.25	4.85	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:03	99200	15400	1798	84	66	156	43	0.4	17	17.9	10.76	976	1088	3.56	0.25	5.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:18	83200	13100	1802	82	66	144	42	0.4	16	18.22	10.76	968	1088	2.85	0.25	6.45	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:32	88000	14600	1809	84	66	152	43	0.417	17	18.06	10.76	976	1088	3.37	0.25	7.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:47	78400	13100	1821	80	60	144	41	0.417	18	18.22	10.76	968	1088	3.21	0.25	8.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:02	76800	12700	1831	80	62	148	42	0.417	17	18.22	12.91	968	1096	2.94	0.25	8.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:17	80000	12500	1816	82	64	156	41	0.417	19	18.06	12.91	976	1096	3.23	0.25	9.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:32	78400	10900	1775	82	64	160	42	0.417	17	18.06	12.91	968	1104	2.52	0.25	10.21	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:47	81800	11400	1788	82	64	168	40	0.417	18	18.22	12.91	976	1096	2.79	0.25	10.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:02	81600	11500	1826	80	64	172	40	0.417	21	17.9	12.91	984	1104	3.28	0.25	11.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:17	80000	11100	1782	80	64	172	41	0.417	18	18.06	12.91	976	1096	2.72	0.25	12.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:32	72000	10100	1789	80	64	168	41	0.417	18	18.22	12.91	976	1096	2.47	0.25	13.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:47	70400	9400	1794	80	66	168	40	0.417	19	18.22	12.91	976	1096	2.43	0.25	13.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:02	73600	10300	1825	76	64	176	39	0.417	20	18.06	15.06	968	1072	2.80	0.25	14.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:17	76800	10700	1807	76	68	180	40	0.433	19	18.06	15.06	984	1096	2.76	0.25	15.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:32	75200	9900	1800	76	68	180	40	0.417	19	18.06	15.06	984	1096	2.56	0.25	15.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:47	70400	8900	1784	76	68	176	39	0.433	19	18.22	15.06	976	1096	2.30	0.25	16.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:02	70400	9300	1805	74	68	176	38	0.417	20	18.37	15.06	976	1088	2.53	0.25	16.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:17	70400	9800	1816	74	64	176	38	0.417	20	18.22	15.06	976	1088	2.66	0.25	17.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:32	67200	9000	1790	74	68	172	38	0.417	19	18.53	15.06	960	1072	2.33	0.25	18.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:47	62400	8300	1769	74	68	172	37	0.417	20	18.53	15.06	960	1072	2.26	0.25	18.68	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 23:02	62400	8200	1805	72	68	172	37	0.417	20	18.53	15.06	952	1072	2.23	0.25	19.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 23:17	60800	8100	1805	72	68	172	37	0.417	19	18.53	15.06	936	1048	2.09	0.25	19.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 23:32	56400	7600	1779	72	68	168	37	0.417	18	18.85	15.06	944	1056	1.88	0.25	20.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 0:02	54400	7600	1803	70	68	168	37	0.417	18	18.85	15.06	936	1048	1.86	0.25	21.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 0:17	54400	7600	1770	72	68	164	37	0.417	18	18.85	12.91	936	1048	1.86	0.25	21.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 0:32	52800	7400	1820	70	64	168	36	0.417	19	19.01	15.06	936	1040	1.73	0.25	22.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 0:47	48000	6700	1801	68	68	164	36	0.417	19	19.01	15.06	936	1040	1.91	0.25	22.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:02	48000	6600	1785	68	68	164	36	0.417	19	19.01	15.06	936	1040	1.73	0.25	22.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:16	46400	7700	1810	68	68	164	37	0.417	17	19.01	15.06	928	1040	1.53	0.25	22.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:41	16000	2500	1788	56	84	180	31	0.367	16	20.43	15.06	912	960	0.54	0.42	23.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:56	16000	2700	1790	56	84	172	31	0.367	16	20.43	15.06	904	944	0.59	0.25	23.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:11	16000	2600	1796	58	82	176	31	0.367	16	20.43	15.06	904	952	0.60	0.25	23.94	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:26	16000	2600	1778	58	84	176	31	0.367	16	20.43	15.06	904	944	0.57	0.25	24.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:41	16000	2600	1799	56	80	176	31	0.367	17	20.43	15.06	896	944	0.60	0.25	24.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:56	16000	2700	1785	56	84	176	31	0.367	16	20.43	15.06	896	936	0.59	0.25	24.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:11	16000	2900	1787	56	86	172	31	0.367	15	20.43	15.06	888	936	0.59	0.25	24.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:26	17600	2800	1775	56	84	172	31	0.367	16	20.59	15.06	888	936	0.57	0.25	24.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:41	16000	2300	1775	56	84	176	31	0.367	15	20.43	17.21	896	944	0.50	0.25	24.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:56	16000	2500	1796	56	84	172	31	0.367	16	20.43	15.06	888	928	0.54	0.25	24.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:11	16000	2800	1802	54	86	176	30	0.367	16	20.59	15.06	888	928	0.61	0.25	25.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:26	16000	2700	1773	56	86	172	30	0.367	16	20.59	15.06	880	928	0.59	0.25	25.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:41	16000	2500	1775	56	84	176	30	0.367	16	20.59	15.06	888	936	0.54	0.25	25.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:56	16000	2600	1827	54	86	180	30	0.367	17	20.43	15.06	896	944	0.60	0.25	25.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/25/2002 5:11	14400	21000	1783	54	86	180	30	0.367	17	20.59	15.06	896	944	0.49	0.25	25.64	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 5:26	14400	24000	1823	54	86	184	29	0.367	18	20.43	15.06	896	936	0.59	0.25	25.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 5:41	14400	22000	1808	54	86	180	30	0.367	16	20.59	15.06	888	936	0.48	0.25	25.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 5:56	14400	21000	1791	54	82	184	29	0.367	18	20.43	15.06	888	944	0.51	0.25	26.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 6:11	14400	24000	1789	54	82	180	29	0.367	18	20.59	15.06	888	936	0.59	0.25	26.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 6:26	14400	21000	1824	52	84	188	28	0.367	18	20.59	15.06	896	936	0.51	0.25	26.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 6:41	16000	25000	1803	54	86	180	29	0.367	18	20.59	15.06	880	928	0.61	0.25	26.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 6:56	16000	23000	1777	52	82	180	28	0.367	18	20.59	15.06	880	928	0.58	0.25	26.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 7:10	14400	24000	1813	54	82	180	28	0.367	19	20.59	17.21	880	928	0.62	0.23	26.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 7:25	14400	23000	1809	52	82	176	29	0.367	17	20.59	12.91	920	920	0.53	0.25	26.88	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 7:40	14400	24000	1818	54	82	180	28	0.367	19	20.43	19.36	872	920	0.62	0.25	27.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 7:55	16000	22000	1805	52	82	196	28	0.367	20	20.43	19.36	888	944	0.60	0.25	27.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 8:10	16000	22000	1778	52	82	192	28	0.367	19	20.43	19.36	880	928	0.57	0.25	27.32	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 8:25	16000	23000	1798	52	86	192	28	0.367	19	20.43	19.36	880	928	0.59	0.25	27.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 8:40	16000	22000	1827	50	82	192	28	0.367	20	20.43	19.36	872	920	0.60	0.25	27.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 8:55	14400	21000	1827	52	82	188	27	0.367	21	20.43	19.36	864	920	0.60	0.25	27.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 9:10	16000	22000	1820	52	88	188	28	0.367	19	20.43	21.51	872	920	0.57	0.25	27.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 9:25	16000	22000	1808	52	84	188	27	0.367	21	20.28	19.36	864	912	0.63	0.25	28.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 9:40	14400	19000	1802	50	88	208	26	0.367	22	20.28	25.81	872	920	0.57	0.25	28.21	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 10:10	16000	21000	1801	50	88	200	26	0.367	21	20.28	25.81	864	912	0.60	0.50	28.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 10:40	16000	19000	1777	50	84	192	27	0.367	21	20.28	23.66	848	904	0.54	0.50	28.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 11:10	16000	19000	1779	50	88	196	27	0.367	22	20.12	25.81	856	904	0.57	0.50	29.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 12:10	16000	19000	1796	50	84	196	26	0.367	23	20.12	23.66	856	904	0.59	0.50	29.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 12:40	24000	25000	1797	50	88	196	26	0.367	23	20.12	25.81	864	912	0.59	0.50	29.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 13:10	30400	29000	1820	48	86	228	24	0.367	26	19.64	27.97	888	944	1.10	0.08	30.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 13:40	30400	26000	1813	46	88	272	23	0.433	32	18.85	15.06	1696	976	1.13	0.50	31.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 13:40	36800	31000	1810	46	92	272	23	0.433	33	18.85	15.06	1448	984	1.39	0.00	31.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 14:48	30400	26000	0	90	0	0	0	0	0	0.48	0	136	160	0.00	1.13	31.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 14:52	30400	26000	0	90	0	0	0	0	0	0.48	0	128	152	0.00	0.07	31.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:00	0	0	1788	68	76	0	38	0.367	0	21.23	0	664	712	0.00	0.13	31.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:05	3200	4200	1800	66	72	0	37	0.367	0	21.23	2.15	704	760	0.00	0.08	31.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:21	0	0	1783	72	78	0	40	0.367	0	21.07	0	672	712	0.00	0.27	31.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:51	38400	29000	1792	48	82	296	23	0.4	36	18.06	27.97	984	1064	1.42	0.50	31.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:56	3200	4300	1825	72	78	0	40	0.367	0	21.54	0	712	768	0.00	0.22	31.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 16:56	0	0	1771	68	80	0	38	0.367	0	21.38	0	664	712	0.00	1.00	31.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 17:07	0	0	1799	70	78	0	40	0.367	0	21.54	0	672	712	0.00	0.18	31.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 17:20	0	0	1794	70	72	0	40	0.367	0	21.54	0	712	768	0.00	0.22	31.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 17:50	30400	23000	1796	50	80	304	24	0.4	34	18.22	27.97	992	1072	1.06	0.50	32.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 18:20	20800	17000	1819	46	78	292	23	0.4	33	18.69	27.97	968	1040	0.76	0.50	32.85	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 18:50	16000	13000	1778	44	80	292	22	0.383	32	19.01	25.81	952	1016	0.57	0.50	33.13	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 19:20	12800	11000	1819	42	80	288	21	0.383	33	19.17	27.97	944	1008	0.49	0.50	33.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 19:50	9600	800	1817	40	78	288	20	0.383	33	19.32	27.97	936	992	0.36	0.50	33.55	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 20:20	11200	900	1824	38	76	292	19	0.383	34	19.32	27.97	936	992	0.42	0.50	33.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 21:20	4800	400	1803	38	74	280	19	0.383	33	19.64	27.97	920	968	0.18	0.50	33.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 21:50	1600	200	1801	38	78	276	19	0.383	32	19.64	25.81	912	968	0.09	0.50	34.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 22:19	3200	300	1789	38	74	272	19	0.367	32	19.8	27.97	904	960	0.13	0.48	34.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 22:49	1600	100	1803	38	74	280	18	0.383	33	19.64	25.81	904	968	0.04	0.50	34.09	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 23:19	3200	300	1810	38	78	276	18	0.367	33	19.8	27.97	904	962	0.13	0.50	34.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 23:49	1600	100	1804	36	74	284	18	0.383	33	19.8	30.12	912	960	0.04	0.50	34.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 0:19	3200	200	1806	34	78	284	17	0.367	33	19.8	27.97	904	960	0.09	0.50	34.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 0:49	1600	200	1778	36	80	284	18	0.367	32	19.8	27.97	896	952	0.09	0.50	34.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 1:19	3200	200	1813	36	74	276	18	0.367	32	19.96	27.97	888	936	0.09	0.50	34.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 1:49	0	100	1812	36	78	276	18	0.367	31	19.96	27.97	880	936	0.04	0.50	34.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 2:19	1600	200	1788	34	78	280	17	0.367	32	19.96	27.97	880	936	0.09	0.50	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 2:49	0	0	1788	36	78	276	19	0.367	30	19.96	25.81	888	936	0.00	0.50	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 3:19	0	0	1798	34	78	276	18	0.367	31	19.96	25.81	888	936	0.00	0.50	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/26/2002 3:49	0	0	1808	36	74	268	17	0.367	32	20.12	25.81	880	928	0.00	0.50	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 4:19	0	0	1822	34	78	268	17	0.367	32	20.12	27.97	872	920	0.00	0.50	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 4:49	0	0	1822	34	74	280	17	0.367	32	20.12	25.81	888	936	0.00	0.50	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 5:18	0	0	1815	32	78	284	16	0.367	33	20.12	27.97	880	928	0.00	0.48	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 5:48	0	0	1820	34	74	276	17	0.367	32	20.12	25.81	880	928	0.00	0.50	34.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 6:09	16000	900	1810	18	78	424	8	0.4	47	18.85	27.97	984	1056	0.58	0.35	34.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
									Total						37.60	34.58		

Avg. Lbs/Hr. Removed:	0.92 lbs/hr
Total Run Time:	37.60 hours
Est. Total Lbs. Removed:	34.58 lbs
Equiv. Total Gal. Removed:	5.52 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.

* Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AM000J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp.	PostCat Temp.	Estimated lbs/hr.	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
9/24/2002 16:33	0	0	1809	76	62	0	43	0.433	0	20.43	0	712	768	0.00	0.00	-	Baseline	
9/24/2002 16:48	94800	14900	1788	86	58	116	44	0.4	15	18.22	4.3	920	1024	3.04	0.25	0.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:03	112000	19700	1808	96	66	136	48	0.417	15	17.27	10.76	984	1088	4.02	0.25	1.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:18	120000	21100	1807	94	66	144	47	0.4	16	17.27	8.6	984	1096	4.59	0.25	2.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:33	99200	17500	1819	86	64	136	44	0.383	16	18.06	10.76	976	1096	3.81	0.25	3.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 17:48	96000	17000	1820	84	64	140	43	0.4	17	17.9	10.76	984	1104	3.93	0.25	4.85	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:03	99200	15400	1788	84	66	156	43	0.4	17	17.9	10.76	976	1088	3.56	0.25	5.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:18	83200	13100	1802	82	66	144	42	0.4	16	18.22	10.76	968	1088	2.85	0.25	6.45	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:32	88000	14600	1809	84	66	152	43	0.417	17	18.06	10.76	976	1096	3.37	0.25	7.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 18:47	78400	13100	1821	80	60	144	41	0.417	18	18.22	10.76	968	1088	3.21	0.25	8.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:02	76800	12700	1831	80	62	148	42	0.417	17	18.22	10.76	968	1096	2.94	0.25	8.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:17	80000	12500	1816	82	64	156	41	0.417	19	18.06	12.91	976	1096	3.23	0.25	9.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:32	78400	10900	1775	82	64	160	42	0.417	17	18.06	12.91	984	1104	2.52	0.25	10.21	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 19:47	81600	11400	1788	82	64	168	42	0.417	18	18.06	12.91	976	1096	2.79	0.25	10.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:02	81600	11500	1826	80	64	172	40	0.417	21	17.9	12.91	984	1104	3.28	0.25	11.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:17	80000	11000	1782	80	64	172	41	0.417	18	18.06	12.91	976	1096	2.72	0.25	12.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:32	72000	10100	1789	80	64	168	41	0.417	18	18.22	12.91	976	1096	2.47	0.25	13.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 20:47	70400	9400	1794	80	66	168	40	0.417	19	18.22	12.91	976	1096	2.43	0.25	13.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:02	73600	10300	1825	76	64	176	39	0.417	20	18.06	15.06	968	1072	2.80	0.25	14.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:17	76800	10700	1807	76	68	180	40	0.433	19	18.06	15.06	984	1096	2.76	0.25	15.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:32	75200	9900	1800	76	68	180	40	0.417	19	18.06	15.06	984	1096	2.66	0.25	15.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 21:47	70400	8900	1784	76	68	176	38	0.433	19	18.22	15.06	976	1096	2.30	0.25	16.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:02	70400	9300	1805	74	68	176	38	0.417	20	18.37	15.06	976	1088	2.53	0.25	16.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:17	70400	9800	1816	74	64	176	38	0.417	20	18.22	15.06	976	1088	2.65	0.25	17.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:32	67200	9000	1790	74	68	172	38	0.417	19	18.53	15.06	960	1072	2.33	0.25	18.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 22:47	62400	8300	1789	74	68	172	37	0.417	20	18.53	15.06	960	1072	2.26	0.25	18.68	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 23:02	62400	8200	1806	72	68	172	37	0.417	20	18.53	15.06	952	1072	2.23	0.25	19.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 23:17	60800	8100	1805	72	68	172	37	0.417	19	18.53	12.91	936	1048	2.09	0.25	19.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 23:32	56000	7800	1814	70	68	168	37	0.417	19	18.69	15.06	944	1048	2.02	0.25	20.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/24/2002 23:47	54400	7600	1803	70	68	168	37	0.417	18	18.95	15.06	936	1048	1.86	0.25	20.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 0:17	54400	7600	1770	72	68	168	37	0.417	18	18.95	15.06	936	1048	1.86	0.25	21.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 0:32	52800	7400	1820	70	64	168	36	0.417	19	19.01	15.06	936	1040	1.91	0.25	21.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 0:47	48000	6700	1801	68	68	164	36	0.417	19	19.01	15.06	936	1040	1.73	0.25	22.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:02	48000	6600	1785	68	68	164	37	0.417	17	19.01	15.06	928	1032	1.53	0.25	22.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:16	46400	7700	1810	68	64	160	35	0.417	19	19.01	15.06	928	1032	1.99	0.23	23.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:31	46400	7000	1780	68	64	164	37	0.417	17	19.01	15.06	920	1024	1.62	0.25	23.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 1:46	44800	6500	1785	68	68	164	36	0.417	18	19.17	15.06	912	1016	1.47	0.25	24.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:01	43200	6000	1805	68	68	164	36	0.417	18	19.17	15.06	912	1016	1.59	0.25	24.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:16	46400	6800	1821	66	64	164	35	0.417	19	19.17	15.06	920	1024	1.76	0.25	25.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:31	40000	6000	1795	68	64	160	35	0.417	18	19.32	15.06	912	1016	1.47	0.25	25.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 2:46	41600	6100	1807	66	64	160	35	0.417	19	19.17	15.06	904	1008	1.58	0.25	25.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:01	40000	6000	1795	68	64	160	35	0.417	18	19.32	15.06	912	1008	1.47	0.25	26.15	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:16	41600	6100	1801	68	64	160	35	0.417	18	19.32	15.06	904	1008	1.49	0.25	26.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:31	40000	6200	1827	68	62	160	35	0.4	18	19.32	15.06	904	1008	1.52	0.25	26.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 3:46	36800	5700	1810	68	62	156	35	0.4	17	19.48	15.06	896	992	1.32	0.25	27.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:01	36800	5700	1785	66	66	156	35	0.4	17	19.48	15.06	896	992	1.32	0.25	27.56	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:16	35200	5300	1797	66	64	152	35	0.4	17	19.48	15.06	896	992	1.23	0.25	27.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:31	28800	4600	1790	66	64	144	35	0.4	16	19.64	15.06	872	976	1.00	0.25	28.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 4:46	28800	4800	1808	64	62	148	35	0.4	16	19.8	15.06	880	976	1.04	0.25	28.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/25/2002 5:01	28800	4700	1795	66	144	35	0.4	18	19.54	15.06	980	976	1.02	0.25	28.64	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 5:16	30400	5000	1813	64	144	35	0.4	16	19.8	15.06	872	968	1.09	0.25	28.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 5:31	28800	5100	1817	64	136	35	0.4	15	19.8	15.06	864	960	1.04	0.25	29.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 5:46	28800	5300	1798	66	140	35	0.4	15	19.8	15.06	872	968	1.08	0.25	29.44	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 6:01	28800	5700	1810	64	136	35	0.4	15	19.8	15.06	864	968	1.16	0.25	29.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 6:16	30400	5000	1795	64	136	35	0.4	15	19.96	15.06	872	960	1.02	0.25	29.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 6:31	28800	5100	1794	64	132	35	0.4	14	19.96	15.06	872	960	0.97	0.25	30.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 6:46	30400	5300	1814	64	140	33	0.4	17	19.8	15.06	864	960	1.23	0.25	30.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 7:01	30400	5100	1794	64	140	35	0.4	15	19.8	12.91	856	952	1.04	0.25	30.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 7:16	28800	5200	1814	64	144	34	0.4	17	19.8	15.06	864	960	1.20	0.25	31.09	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 7:31	30400	5400	1798	64	140	35	0.4	15	19.8	15.06	864	960	1.10	0.25	31.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 7:46	30400	4700	1795	64	144	34	0.4	17	19.8	15.06	864	960	1.09	0.25	31.64	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
9/25/2002 8:01	49600	5500	1795	62	66	204	0.31	0.417	24	19.01	21.51	920	1024	1.79	0.25	32.09	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 8:15	52800	5900	1791	60	66	208	0.31	0.417	24	18.85	19.36	936	1040	1.87	0.23	32.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 8:30	56000	5900	1798	60	68	220	0.30	0.417	26	18.69	19.36	936	1040	2.09	0.25	33.06	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 8:45	54400	5500	1774	60	72	220	0.31	0.417	25	18.69	19.36	936	1040	1.87	0.25	33.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 9:00	52800	5400	1790	60	72	216	0.31	0.417	25	18.69	19.36	920	1024	1.84	0.25	33.99	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 9:15	60800	5900	1777	60	72	228	0.30	0.417	26	18.69	21.51	944	1048	2.09	0.25	34.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 9:30	60800	5900	1815	58	66	224	0.29	0.417	28	18.69	19.36	936	1040	2.25	0.25	35.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 9:45	76800	6400	1794	58	76	280	0.28	0.45	32	17.74	25.81	984	1088	2.78	0.25	35.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 10:15	80000	5900	1807	56	76	296	0.28	0.45	35	17.42	23.66	992	1088	2.81	0.50	37.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 10:45	83200	6300	1800	56	78	296	0.28	0.45	34	17.42	23.66	1000	1104	2.91	0.50	38.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 11:15	86400	6500	1820	58	74	296	0.27	0.45	37	17.27	21.51	984	1088	3.27	0.50	40.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 11:45	88000	6300	1776	58	78	300	0.28	0.45	35	17.27	23.66	992	1104	3.00	0.50	41.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 12:15	88000	6600	1811	58	74	296	0.27	0.45	36	17.27	23.66	984	1096	3.23	0.50	43.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 12:45	88000	6700	1819	56	74	296	0.27	0.45	37	17.27	23.66	984	1096	3.37	0.50	45.06	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 13:15	92800	6600	1794	56	74	304	0.27	0.45	37	17.11	23.66	984	1088	3.32	0.50	46.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 13:40	0	0	1796	80	62	0	43	0.433	0	19.8	0	808	928	0.00	0.42	46.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 14:10	84800	6000	1814	54	70	292	0.27	0.45	37	17.11	12.91	992	1088	3.02	0.50	48.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 14:40	84800	5700	1790	56	70	300	0.26	0.45	39	16.95	12.91	1000	1096	3.02	0.50	49.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 14:46	0	0	1804	64	64	0	44	0.433	0	19.8	0	800	896	0.00	0.13	49.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:06	4800	6400	1795	78	66	0	43	0.433	0	19.96	0	848	1016	0.00	0.30	49.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:21	0	0	1809	78	62	0	43	0.433	0	19.96	0	728	792	0.00	0.25	49.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:56	72000	6200	1814	64	64	232	0.32	0.45	31	17.27	23.66	868	1056	2.81	0.50	51.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 15:56	4800	7500	1796	80	64	0	44	0.433	0	19.96	8.6	872	1072	0.00	0.08	51.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 17:08	0	0	1809	80	64	0	44	0.433	0	20.12	0	720	776	0.00	1.20	51.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 17:19	0	0	1803	78	58	0	43	0.433	0	20.28	0	768	856	0.00	0.18	51.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 17:49	78400	6900	1791	68	66	248	0.34	0.467	30	17.27	25.81	992	1096	2.77	0.50	52.43	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 18:19	75200	6200	1790	62	68	256	0.32	0.45	31	17.42	25.81	976	1080	2.61	0.50	53.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 18:49	70400	5600	1790	60	68	256	0.29	0.45	32	17.74	25.81	960	1056	2.44	0.50	54.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 19:19	60800	5100	1802	58	64	252	0.28	0.45	32	17.9	25.81	952	1056	2.22	0.50	56.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 19:49	62400	5200	1792	56	66	248	0.28	0.433	31	18.06	25.81	936	1032	2.19	0.50	57.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 20:19	56000	4900	1797	54	66	240	0.27	0.433	30	18.37	25.81	920	1016	1.96	0.50	58.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 20:48	57600	4900	1817	54	66	240	0.27	0.433	31	18.37	23.66	920	1016	2.07	0.48	59.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 21:18	56000	4900	1822	54	62	240	0.26	0.433	31	18.37	25.81	912	1008	2.07	0.50	60.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 21:48	48000	4300	1809	52	64	232	0.26	0.433	31	18.53	23.66	920	1016	1.81	0.50	61.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 22:48	46400	4200	1822	52	60	224	0.27	0.433	29	18.69	23.66	904	892	1.66	0.50	62.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/25/2002 23:48	44800	4100	1788	54	60	224	0.27	0.433	28	18.85	23.66	912	992	1.52	0.50	63.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 0:18	43200	4000	1799	52	64	216	0.27	0.417	28	19.01	23.66	896	976	1.52	0.50	65.13	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 0:48	40000	4000	1813	52	64	216	0.26	0.417	28	19.01	25.81	888	976	1.52	0.50	65.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 1:18	41600	3900	1819	50	60	224	0.26	0.417	29	18.85	25.81	880	968	1.50	0.50	66.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 1:48	36800	3500	1815	50	60	220	0.25	0.417	30	19.01	23.66	872	968	1.43	0.50	67.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 2:18	36800	3400	1781	52	64	212	0.25	0.417	29	19.17	23.66	872	960	1.29	0.50	68.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 2:48	36800	3700	1807	50	64	216	0.25	0.417	29	19.01	23.66	872	960	1.46	0.50	68.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 3:18	38400	3600	1778	52	60	212	0.25	0.417	28	19.01	23.66	872	960	1.37	0.50	69.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 3:47	36800	3400	1779	50	64	220	0.25	0.417	29	19.01	25.81	880	968	1.34	0.48	70.06	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/26/2002 4:17	36800	3400	1792	50	62	220	25	0.417	29	19.17	25.81	880	968	1.34	0.50	70.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 4:47	30400	3000	1799	52	64	204	26	0.417	27	19.17	25.81	864	960	1.10	0.50	71.28	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 5:17	30400	3000	1812	50	64	208	26	0.417	28	19.17	25.81	872	952	1.14	0.50	71.85	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 5:47	28800	2800	1800	50	60	212	25	0.417	29	19.17	25.81	872	960	1.10	0.50	72.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/26/2002 5:58	28800	3000	1815	52	60	204	26	0.417	27	19.32	23.66	864	952	1.10	0.18	72.61	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total													37.42	72.61				

Avg. Lbs/Hr Removed:	1.94 lbs/hr
Total Run Time:	37.42 hours
Est. Total Lbs. Removed:	72.61 lbs
Equiv. Total Gal. Removed:	11.60 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
Controller S/N: 195
Software version: 807
Event Type: DE+AS
Location: 11500 S. Halsted, Chicago, IL
Project#: AMG00J9
SS#: 5854
Technician: Eric Henis
Engine#: 1

Time Stamp	BTU/Hr	ppmv	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Well Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr *	Delta Time	Cumulative Removed	Well No.	Air Sparge
9/27/2002 10:07	0	0	1809	74	76	0	43	0.4	0	21.23	0	872	720	0.00	-	-	Baseline	
9/27/2002 10:37	28800	4300	1768	76	86	164	39	0.417	17	18.69	21.51	968	1032	0.99	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 11:07	27200	3600	1815	70	86	168	36	0.417	17	18.85	21.51	944	1000	0.98	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 11:37	22400	3200	1783	66	84	164	35	0.417	18	19.17	21.51	920	976	0.78	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 12:07	19200	2600	1794	62	84	164	33	0.4	20	19.32	21.51	904	952	0.71	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 12:37	20800	2400	1773	60	84	176	32	0.4	21	19.32	21.51	896	944	0.69	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 13:07	17600	2000	1795	58	80	172	31	0.4	21	19.48	19.36	888	928	0.57	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 13:37	51200	3500	1808	48	88	328	24	0.433	37	17.74	15.06	1008	1086	1.76	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 14:06	40000	2900	1792	48	84	304	23	0.417	36	18.22	19.36	984	1056	1.42	0.48	0.48	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 14:36	49600	3200	1799	42	88	356	20	0.433	40	17.74	19.36	1008	1104	1.74	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 15:06	44800	2900	1781	40	84	352	19	0.433	41	17.9	12.91	1000	1096	1.62	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 15:36	49600	3100	1813	38	80	368	18	0.433	42	17.9	0	1008	1096	1.77	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 16:06	46400	2900	1804	34	86	376	17	0.433	43	17.9	0	1008	1096	1.70	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 16:36	30400	2300	1811	40	86	296	19	0.417	36	18.85	21.51	952	1016	1.13	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 17:06	11200	1100	1798	46	84	220	24	0.383	27	19.64	21.51	880	920	0.40	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 17:36	4800	600	1776	48	82	192	25	0.383	24	20.12	21.51	840	888	0.20	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 18:06	6400	800	1814	48	82	184	26	0.383	22	20.28	19.36	832	872	0.24	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 18:36	8000	1000	1779	48	80	176	26	0.383	21	20.43	21.51	816	864	0.28	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 19:05	8000	1100	1780	50	80	168	27	0.383	19	20.59	21.51	808	864	0.28	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 19:35	9600	1300	1780	50	80	164	27	0.383	19	20.59	21.51	800	848	0.34	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 20:06	9600	1400	1818	48	78	156	27	0.367	19	20.75	21.51	800	848	0.36	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 20:36	11200	1600	1818	50	76	152	27	0.367	19	20.75	21.51	792	840	0.41	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 21:05	11200	1600	1802	50	76	152	27	0.367	19	20.75	21.51	792	840	0.41	0.48	0.48	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 21:35	9600	1400	1794	50	80	156	27	0.383	18	20.75	21.51	792	840	0.34	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 22:05	9600	1500	1768	50	80	152	27	0.383	18	20.75	21.51	792	840	0.37	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 22:35	11200	1800	1777	50	80	144	28	0.367	16	21.07	21.51	776	824	0.39	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 23:05	11200	1800	1776	50	80	144	28	0.367	16	20.91	21.51	784	832	0.39	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/27/2002 23:35	11200	1800	1815	50	80	144	28	0.367	17	21.07	21.51	776	824	0.44	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 0:05	12800	1800	1786	50	76	144	28	0.367	17	21.07	21.51	776	824	0.44	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 0:35	11200	1800	1785	48	80	158	28	0.367	18	20.91	21.51	784	832	0.42	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 1:05	11200	1700	1815	48	80	158	28	0.367	18	20.91	21.51	784	832	0.42	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 1:35	12800	2000	1799	50	74	148	27	0.367	17	21.07	21.51	784	832	0.46	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 2:05	12800	1900	1827	48	74	152	26	0.367	19	21.07	21.51	776	824	0.49	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 2:35	12800	1900	1807	48	76	152	26	0.367	18	21.07	21.51	784	832	0.47	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 3:05	12800	1900	1788	50	76	152	26	0.367	18	21.07	21.51	784	832	0.47	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 3:35	12800	2100	1816	48	80	152	26	0.367	18	21.07	19.36	784	832	0.51	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 4:04	12800	1900	1793	48	76	152	26	0.367	18	21.07	21.51	784	832	0.47	0.48	0.48	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 4:34	12800	2000	1796	50	74	144	27	0.367	17	21.07	21.51	784	832	0.46	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 5:04	12800	2500	1826	50	76	140	27	0.367	17	21.07	21.51	776	832	0.58	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 5:34	12800	2500	1817	50	76	140	27	0.367	17	21.07	21.51	776	824	0.58	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 6:04	12800	2300	1787	52	76	136	28	0.367	16	21.07	19.36	776	824	0.50	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 6:34	14400	2600	1810	52	76	128	28	0.367	16	21.07	21.51	768	816	0.57	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 7:04	12800	2600	1819	52	76	132	28	0.367	14	21.07	21.51	768	824	0.57	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 7:34	14400	2600	1788	54	80	124	30	0.367	16	21.07	21.51	760	816	0.49	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 8:04	14400	2900	1797	54	76	116	30	0.367	14	21.07	19.36	760	816	0.55	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 8:34	14400	3100	1798	54	76	108	30	0.367	13	21.23	21.51	752	808	0.59	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 9:04	18000	3600	1825	54	76	108	30	0.367	13	21.23	21.51	752	800	0.64	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 9:34	14400	3400	1798	56	76	108	31	0.367	12	21.23	21.51	744	792	0.55	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 10:04	16000	3200	1799	56	80	108	31	0.367	12	21.23	21.51	752	800	0.52	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 10:34	14400	3100	1794	56	80	112	31	0.367	13	21.07	23.66	752	800	0.55	0.50	0.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/28/2002 11:03	12800	2300	1815	52	80	132	29	0.367	16	20.91	21.51	760	816	0.50	0.48	16.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 11:33	30400	1700	1762	20	86	408	9	0.417	46	18.85	0	960	1016	1.06	0.50	16.71	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 12:03	41600	2100	1808	14	88	464	6	0.417	52	18.22	0	992	1072	1.48	0.50	17.45	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 12:33	43200	2100	1768	14	88	468	6	0.417	53	18.22	0	1000	1080	1.48	0.50	18.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 13:03	44800	2200	1805	14	84	464	6	0.417	52	18.22	0	992	1072	1.59	0.50	18.99	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 13:33	44800	2300	1813	14	84	456	5	0.417	54	18.22	0	984	1064	1.69	0.50	19.83	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 14:03	46400	2400	1812	14	84	456	6	0.417	53	18.22	0	984	1056	1.73	0.50	20.70	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 14:33	48000	2400	1794	14	88	448	6	0.417	52	18.37	0	984	1056	1.84	0.50	21.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 15:03	48000	2600	1824	14	88	444	6	0.417	52	18.37	0	976	1040	1.84	0.50	22.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 15:33	48000	2500	1784	14	84	440	6	0.417	52	18.37	0	976	1040	1.77	0.50	23.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 16:03	44800	2300	1803	14	84	432	6	0.417	52	18.37	0	976	1040	1.63	0.50	24.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 16:33	40000	2100	1812	14	84	428	5	0.417	52	18.53	10.76	976	1040	1.48	0.50	24.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 17:03	38400	1900	1795	14	84	428	5	0.417	52	18.53	17.21	976	1032	1.34	0.50	25.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 17:33	30400	1700	1790	20	82	380	8	0.4	47	19.01	21.51	952	1008	1.09	0.50	26.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 18:02	17600	1200	1785	28	84	308	14	0.4	37	19.64	21.51	912	960	0.60	0.48	26.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 18:32	11200	900	1783	30	84	292	15	0.383	35	19.8	21.51	888	936	0.43	0.50	26.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 19:02	4800	400	1800	36	82	248	18	0.383	31	20.12	21.51	864	912	0.17	0.50	26.71	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 19:32	4800	500	1815	36	82	248	18	0.383	31	20.12	21.51	856	912	0.21	0.50	26.81	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 20:02	8000	700	1777	40	82	216	21	0.383	26	20.43	21.51	832	880	0.25	0.50	26.94	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 20:32	8000	800	1777	40	80	164	25	0.383	22	20.59	21.51	808	848	0.36	0.50	27.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 21:02	9600	1400	1776	48	80	164	25	0.383	21	20.75	21.51	800	840	0.40	0.50	27.32	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 22:02	11200	1600	1795	48	80	152	27	0.367	19	20.75	21.51	784	832	0.39	0.50	27.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/28/2002 22:32	12800	1800	1816	48	76	152	26	0.367	19	20.75	21.51	776	824	0.41	0.50	27.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 23:02	12800	1800	1796	48	76	148	27	0.367	17	20.91	21.51	776	824	0.42	0.50	27.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 23:32	12800	1900	1831	48	78	148	26	0.367	19	20.91	21.51	768	824	0.44	0.50	28.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 24:02	11200	1700	1781	48	80	152	26	0.367	19	20.75	21.51	776	824	0.47	0.50	28.43	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 24:31	12800	1800	1781	48	76	148	27	0.367	17	20.91	21.51	776	824	0.42	0.50	28.65	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 25:01	12800	1800	1795	48	76	156	26	0.367	19	20.75	21.51	776	824	0.44	0.50	28.88	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 25:31	4800	400	1811	32	82	268	16	0.383	32	20.28	19.36	856	904	0.17	0.50	30.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 26:01	6400	500	1815	32	82	268	16	0.383	32	20.28	21.51	864	912	0.22	0.50	30.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 27:01	6400	700	1789	38	80	228	19	0.383	28	20.43	21.51	848	896	0.27	0.50	31.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 7:31	8000	1100	1789	42	76	188	23	0.383	23	20.75	21.51	808	856	0.34	0.50	31.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 8:00	9600	1200	1804	44	80	172	24	0.383	21	20.91	21.51	800	848	0.34	0.50	31.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 8:30	11200	1600	1783	48	78	160	26	0.367	19	20.91	21.51	776	832	0.41	0.50	31.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 9:00	12800	1800	1775	48	80	152	26	0.367	19	20.91	19.36	784	824	0.47	0.50	31.70	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 9:30	12800	2000	1791	50	78	144	27	0.367	18	20.91	21.51	776	816	0.49	0.50	31.83	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 10:00	11200	1600	1788	50	80	152	27	0.367	18	20.91	21.51	776	832	0.39	0.50	32.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 10:30	12800	1100	1833	32	80	284	16	0.383	35	19.8	0	864	904	0.52	0.50	32.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 11:00	30400	1600	1806	14	88	432	6	0.417	50	18.69	0	988	1032	1.09	0.50	33.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 11:30	36800	1800	1783	14	84	436	5	0.417	52	18.53	0	976	1040	1.27	0.50	33.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 12:00	11200	1400	1796	48	82	164	26	0.367	20	20.43	19.36	792	840	0.40	0.50	34.25	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 12:30	11200	1700	1807	52	80	144	28	0.367	20	20.43	21.51	776	832	0.46	0.50	34.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 13:00	20800	2100	1784	34	82	284	17	0.383	35	19.48	0	988	1024	0.71	0.50	35.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 13:30	40000	1500	1789	14	90	432	6	0.417	51	18.53	0	968	1024	1.46	0.50	36.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 14:00	48000	2400	1773	14	86	432	6	0.417	52	18.37	0	960	1016	1.70	0.50	37.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 14:30	48000	2400	1798	14	86	432	6	0.417	52	18.37	0	968	1024	1.70	0.50	37.85	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 14:59	48000	2400	1791	14	90	428	6	0.417	52	18.37	32.27	960	1024	1.70	0.50	38.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 15:29	36800	2100	1781	22	86	352	10	0.4	45	18.65	26.81	912	976	1.28	0.48		RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/29/2002 15:59	38400	2200	1762	24	88	348	11	0.4	44	18.95	0	904	952	1.32	0.50	39.15	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 16:29	41600	2100	1826	14	84	416	6	0.4	51	18.53	0	952	1008	1.46	0.50	39.88	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 16:56	40000	2100	1784	14	88	412	5	0.4	51	18.69	0	952	1008	1.46	0.50	40.61	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 17:29	38400	2000	1780	14	84	408	6	0.4	50	18.69	0	944	1000	1.36	0.50	41.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 17:59	33600	1800	1790	14	88	408	6	0.4	50	18.69	0	944	1000	1.22	0.50	41.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 18:29	33600	1700	1794	14	88	404	6	0.4	49	18.85	0	944	1000	1.13	0.50	42.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 18:59	32000	1700	1822	14	88	400	6	0.4	50	18.85	0	936	992	1.16	0.50	43.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 19:29	27200	1700	1815	14	84	400	6	0.4	50	18.85	0	944	992	1.16	0.50	43.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 20:29	25600	1400	1813	14	82	392	6	0.4	48	19.01	0	928	984	0.98	0.50	44.11	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 20:59	27200	1400	1769	14	88	392	6	0.4	48	19.01	0	936	984	0.93	0.50	44.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 21:29	25600	1400	1801	14	88	388	6	0.4	48	19.17	0	928	976	0.91	0.50	45.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 21:58	12800	2000	1794	52	82	388	6	0.4	48	19.17	0	928	976	0.91	0.50	45.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 22:28	0	1801	1811	54	78	120	28	0.367	18	20.75	21.51	752	808	0.49	0.48	45.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 22:58	12800	1600	1782	48	78	152	26	0.367	17	20.75	21.51	744	800	0.00	0.50	45.94	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 23:28	11200	1500	1827	46	78	164	24	0.367	23	20.59	19.36	768	816	0.47	0.50	46.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 23:58	11200	1300	1812	46	78	168	24	0.367	23	20.59	21.51	768	824	0.41	0.50	46.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 0:28	11200	1300	1800	46	82	168	25	0.367	22	20.43	21.51	776	824	0.39	0.50	46.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 0:58	12800	1600	1777	48	82	152	25	0.367	21	20.75	18.36	760	808	0.46	0.50	46.80	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 1:28	12800	1700	1789	48	82	152	25	0.367	19	20.75	21.51	760	808	0.44	0.50	47.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 1:58	11200	1600	1818	46	82	160	25	0.367	21	20.59	19.36	776	824	0.46	0.50	47.25	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 2:28	11200	1300	1785	46	78	160	25	0.367	21	20.75	21.51	760	816	0.37	0.50	47.44	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 2:58	9600	1300	1785	46	82	160	25	0.367	21	20.59	21.51	768	816	0.37	0.50	47.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 3:28	8000	800	1824	40	78	200	20	0.383	27	20.43	21.51	792	840	0.29	0.50	47.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 4:28	14400	800	1781	14	84	372	6	0.4	45	19.64	0	912	952	0.49	0.50	48.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 4:57	6400	800	1787	14	80	372	6	0.4	45	19.48	19.36	912	960	0.50	0.50	48.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 5:27	8000	900	1766	42	82	236	18	0.383	29	20.43	21.51	808	864	0.24	0.48	48.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 5:57	11200	1400	1813	44	80	164	24	0.367	21	20.75	21.51	776	824	0.40	0.50	48.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 6:27	11200	1400	1811	46	76	156	24	0.367	19	20.91	21.51	760	816	0.40	0.50	48.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 6:57	11200	1800	1825	48	76	140	26	0.367	19	20.91	21.51	752	800	0.47	0.50	49.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 7:27	12800	1800	1798	48	80	148	26	0.367	18	20.91	21.51	760	808	0.47	0.50	49.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 7:57	12800	1600	1798	48	76	148	26	0.367	19	20.91	21.51	760	816	0.47	0.50	49.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 8:27	12800	1600	1781	48	82	152	26	0.367	19	20.91	21.51	760	808	0.41	0.50	49.83	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 8:57	11200	1800	1825	48	78	156	25	0.367	21	20.75	19.36	760	816	0.46	0.50	50.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 9:27	12800	1300	1786	46	82	164	25	0.367	22	20.59	21.51	768	816	0.39	0.50	50.30	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 9:57	11200	1300	1822	46	82	164	25	0.367	22	20.43	21.51	760	824	0.42	0.50	50.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 10:27	11200	1400	1822	46	82	164	27	0.417	20	20.59	21.51	752	800	0.46	0.50	50.94	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 11:27	0	1800	1815	48	82	178	31	0.367	15	20.59	21.51	752	808	0.49	0.48	51.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 11:56	14400	2000	1793	52	80	124	28	0.367	18	20.59	21.51	752	808	0.55	0.50	51.45	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 12:26	14400	2700	1808	56	84	100	31	0.367	15	20.75	21.51	728	784	0.53	0.50	51.71	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 12:56	14400	2800	1788	58	82	100	31	0.367	15	20.59	19.36	720	784	0.53	0.50	51.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 13:26	16000	2800	1784	58	84	100	31	0.367	15	20.59	21.51	720	776	0.53	0.50	52.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 14:26	40000	2100	1787	14	90	400	5	0.4	51	18.69	0	928	976	1.46	0.50	53.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 14:56	41600	2200	1819	14	88	400	6	0.4	51	18.53	0	920	978	1.53	0.50	53.80	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 15:26	40000	2100	1774	14	88	392	6	0.4	49	18.69	0	920	976	1.40	0.50	54.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 15:56	40000	2100	1776	14	88	392	5	0.4	51	18.69	0	920	976	1.46	0.50	55.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 16:26	35200	1800	1828	14	84	392	6	0.4	50	18.95	0	912	968	1.22	0.50	55.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 16:56	35200	1900	1806	14	84	388	6	0.4	50	18.95	0	912	968	1.22	0.50	56.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 17:26	35200	1800	1803	14	84	388	6	0.4	48	19.01	0	912	968	1.07	0.50	57.10	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 17:56	28800	1500	1781	14	88	384	6	0.4	48	19.01	0	912	968	0.98	0.50	57.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 18:26	28800	1600	1820	14	84	380	6	0.4	48	19.01	0	912	968	1.07	0.50	58.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 18:56	27200	1500	1819	14	86	380	6	0.4	48	19.17	0	912	968	0.98	0.48	58.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 19:25	24000	1300	1804	14	88	376	6	0.4	47	19.17	0	912	960	0.83	0.50	59.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 19:55	22400	1200	1807	14	82	376	6	0.4	48	19.17	0	904	960	0.78	0.50	59.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 20:25	20800	1200	1816	14	86	372	6	0.4	47	19.32	0	904	960	0.77	0.50	59.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/30/2002 20:55	20800	1200 1812	14	82	372	6	0.4	47	19.17	0	904	952	0.77	0.50	60.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 21:25	20800	1100 1794	14	82	372	6	0.4	47	19.32	0	904	952	0.70	0.50	60.52	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 21:55	20800	1200 1773	14	86	368	6	0.4	46	19.32	0	896	952	0.75	0.50	60.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 22:25	19200	1100 1779	14	82	368	6	0.4	47	19.32	0	904	952	0.70	0.50	61.25	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 22:55	19000	900 1814	14	82	364	6	0.4	47	19.48	0	896	952	0.58	0.50	61.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 23:25	14400	800 1770	14	86	368	6	0.4	46	19.48	0	896	944	0.50	0.50	61.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 23:55	14400	800 1815	14	82	364	6	0.4	47	19.48	0	896	944	0.51	0.50	62.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 0:25	14400	800 1840	14	86	364	6	0.4	47	19.48	0	896	944	0.49	0.50	62.30	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 0:55	14400	800 1770	14	86	364	6	0.4	45	19.48	0	888	944	0.49	0.50	62.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 1:25	8000	400 1793	14	86	364	6	0.45	48	19.64	0	888	936	0.25	0.50	62.67	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 1:54	14400	800 1788	14	86	364	6	0.4	45	19.64	0	888	944	0.49	0.48	62.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 2:24	14400	800 1808	14	82	364	6	0.4	46	19.48	0	888	936	0.50	0.50	63.15	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 2:54	12800	700 1827	14	86	360	6	0.4	45	19.64	0	888	944	0.43	0.50	63.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 3:24	14400	800 1813	14	84	360	6	0.4	45	19.64	0	888	936	0.49	0.50	63.61	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 3:54	12800	700 1786	14	80	360	6	0.4	46	19.64	0	880	936	0.44	0.50	63.83	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 4:24	14400	800 1825	14	82	364	6	0.4	48	19.64	0	880	936	0.50	0.50	64.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 4:54	12800	700 1818	14	86	360	6	0.4	45	19.64	0	880	936	0.43	0.50	64.30	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 5:24	12800	700 1785	14	86	360	6	0.4	45	19.64	0	880	936	0.43	0.50	64.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 5:54	9600	600 1786	14	86	360	6	0.4	45	19.64	0	880	928	0.37	0.50	64.69	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 6:24	9600	600 1797	14	86	360	6	0.4	44	19.64	0	880	928	0.36	0.50	64.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 6:54	8000	500 1816	14	86	356	6	0.4	45	19.64	0	872	928	0.31	0.50	65.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 7:24	9600	500 1773	14	86	360	6	0.4	44	19.64	0	888	936	0.30	0.50	65.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 7:54	12800	700 1822	14	80	360	6	0.4	44	19.64	0	888	936	0.43	0.50	65.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 8:24	12800	700 1784	14	82	360	6	0.4	45	19.64	0	880	936	0.43	0.50	65.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 8:53	11200	1300 1816	46	82	180	24	0.367	22	20.59	19.36	760	816	0.39	0.50	65.99	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 9:23	11200	1300 1787	46	82	184	24	0.367	22	20.59	19.36	768	816	0.39	0.50	66.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 9:53	8000	800 1818	40	84	200	20	0.383	28	20.28	21.51	762	848	0.30	0.50	66.30	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 10:23	9600	1000 1802	44	84	180	23	0.383	24	20.43	0	776	824	0.33	0.50	66.30	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 10:53	22400	1200 1789	14	88	380	6	0.4	47	19.17	0	904	960	0.77	0.50	66.69	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 11:23	25600	1400 1800	14	84	380	6	0.4	48	19.01	0	896	952	0.91	0.50	67.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 11:53	20800	1100 1773	14	86	368	6	0.4	47	19.17	0	888	936	0.70	0.50	67.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 12:23	20800	1100 1792	14	82	372	6	0.4	47	19.32	0	886	944	0.70	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 12:53	20800	1200 1795	14	82	368	6	0.4	47	19.32	0	888	936	0.77	0.50	68.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 13:23	20800	1200 1797	14	88	368	6	0.4	46	19.32	0	888	944	0.75	0.50	68.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 13:53	22400	1200 1809	14	88	368	6	0.4	47	19.32	0	888	944	0.77	0.50	68.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 14:23	22400	1200 1773	14	88	368	6	0.4	47	19.32	0	888	936	0.77	0.50	69.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 14:53	0	0 1786	14	88	372	6	0.467	48	19.17	0	888	936	0.00	0.50	69.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 15:23	25600	1400 1767	14	88	368	6	0.4	47	19.17	0	886	944	0.89	0.50	69.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 15:52	27200	1500 1783	14	88	372	6	0.4	47	19.17	0	896	944	0.96	0.48	70.28	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 16:22	25600	1400 1810	14	84	372	6	0.4	48	19.17	0	896	944	0.91	0.50	70.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 16:52	22400	1200 1802	14	86	368	6	0.4	47	19.17	0	888	944	0.77	0.50	71.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 17:22	22400	1200 1786	14	84	372	6	0.4	47	19.17	0	886	952	0.77	0.50	71.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 17:52	20800	1200 1809	14	88	368	6	0.4	47	19.32	0	904	952	0.77	0.50	71.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 18:22	20800	1200 1787	14	84	368	6	0.4	47	19.32	0	904	952	0.77	0.50	72.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 18:52	20800	1200 1831	14	84	368	6	0.4	47	19.32	0	904	952	0.77	0.50	72.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 19:22	19200	1100 1838	14	84	364	6	0.4	47	19.48	0	896	944	0.70	0.50	73.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 19:52	16000	900 1817	14	84	364	6	0.4	47	19.48	0	904	952	0.58	0.50	73.29	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 20:22	17600	1000 1798	14	84	364	6	0.4	47	19.32	0	904	952	0.64	0.50	73.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 20:52	16000	900 1788	14	88	364	6	0.4	46	19.48	0	904	952	0.56	0.50	73.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 21:22	16000	900 1784	14	88	364	6	0.4	46	19.48	0	896	952	0.56	0.50	74.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 21:52	16000	900 1831	14	84	364	6	0.4	47	19.48	0	896	944	0.58	0.50	74.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 22:22	14400	900 1788	14	86	360	6	0.4	46	19.48	0	896	944	0.56	0.50	74.75	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 22:51	14400	800 1772	14	82	360	6	0.4	45	19.64	0	888	944	0.49	0.48	74.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 23:21	14400	800 1801	14	86	360	6	0.4	45	19.64	0	896	944	0.49	0.50	75.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/1/2002 23:51	14400	800 1802	14	86	360	6	0.4	45	19.64	0	896	944	0.49	0.50	75.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 0:21	12800	800 1793	14	82	360	6	0.4	45	19.64	0	896	944	0.49	0.50	75.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 0:51	11200	600 1794	14	86	356	6	0.4	45	19.64	0	888	944	0.37	0.50	75.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 1:21	11200	700 1792	14	86	356	6	0.4	45	19.64	0	886	944	0.43	0.50	76.11	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

10/3/2002 6:47	12800	2800	1811	54	78	96	30	0.367	12	21.38	21.51	728	776	0.46	0.50	89.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 7:17	12800	3700	1804	54	82	92	30	0.367	12	21.38	21.51	728	776	0.60	0.50	90.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 7:47	12800	3000	1823	54	78	96	30	0.367	13	21.38	21.51	728	776	0.53	0.50	90.44	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 8:17	12800	3000	1798	52	80	104	30	0.367	12	21.38	21.51	728	784	0.49	0.50	90.68	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 8:47	12800	2400	1800	52	78	112	29	0.367	14	21.38	21.51	736	784	0.46	0.50	90.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 9:17	12800	2400	1788	50	78	116	28	0.367	14	21.38	19.36	736	792	0.46	0.50	91.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 9:46	12800	2200	1797	50	82	120	27	0.367	15	21.23	19.36	744	792	0.45	0.48	91.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 10:16	12800	2200	1824	48	78	124	27	0.367	16	21.23	21.51	744	792	0.46	0.50	91.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 10:46	11200	2100	1807	50	78	128	27	0.367	16	21.23	19.36	744	792	0.46	0.50	91.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 11:16	11200	2000	1788	50	82	128	28	0.367	15	21.23	19.36	752	792	0.41	0.50	92.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 11:46	12800	2100	1785	50	78	124	27	0.367	16	21.07	19.36	744	800	0.46	0.50	92.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 12:16	12800	2100	1788	50	78	128	27	0.367	16	21.23	19.36	752	800	0.46	0.50	92.48	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 12:46	11200	2000	1816	50	82	128	27	0.367	17	21.07	21.51	744	800	0.46	0.50	92.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 13:16	11200	1900	1785	50	78	124	28	0.367	15	21.23	21.51	752	800	0.39	0.50	92.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 13:46	11200	2200	1817	50	78	124	27	0.367	17	21.07	19.36	752	800	0.51	0.50	93.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 14:16	12800	2100	1781	52	82	120	28	0.367	16	21.07	21.51	752	800	0.46	0.50	93.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 14:46	11200	2200	1811	52	78	112	29	0.367	15	21.07	19.36	744	792	0.45	0.50	93.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 15:16	11200	2100	1799	52	82	112	29	0.367	15	21.07	21.51	744	792	0.43	0.50	93.83	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 15:46	11200	2100	1816	52	78	112	29	0.367	15	21.07	19.36	744	792	0.43	0.50	94.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 16:16	11200	1900	1788	52	80	116	28	0.367	15	21.23	19.36	744	792	0.39	0.50	94.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 16:45	11200	1900	1799	52	78	120	28	0.367	16	21.07	21.51	744	792	0.41	0.48	94.44	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 17:15	11200	2000	1793	52	78	116	29	0.367	14	21.23	19.36	744	800	0.38	0.50	94.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
10/3/2002 17:45	11200	2100	1799	52	78	120	28	0.367	16	21.07	21.51	744	792	0.46	0.50	94.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5														
Total														151.63																		

Avg. Lbs/Hr. Removed:	0.63 lbs/hr
Total Run Time:	151.63 hours
Est. Total Lbs. Removed:	94.86 lbs
Equiv. Total Gal. Removed:	15.15 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 • Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

9/28/2002 11:03	52800	4800	1794	48	74	228	74	228	25	0.433	28	19.01	21.51	864	952	1.89	0.50	40.52	RW-1, RW-2, V-8, V-9
9/28/2002 11:33	17600	24800	1807	78	70	16	70	16	43	0.433	2	20.12	21.51	784	864	0.67	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 12:03	17600	23300	1802	80	72	0	72	0	43	0.433	0	20.12	21.51	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 12:33	17600	23300	1798	78	74	0	74	0	43	0.433	0	19.96	21.51	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 13:03	17600	24100	1795	78	74	0	74	0	43	0.433	0	19.96	25.81	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 13:33	20800	28800	1800	78	76	0	76	0	43	0.433	0	19.96	25.81	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 14:03	28800	38100	1800	78	72	0	72	0	43	0.433	0	19.96	23.66	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 14:33	28800	39500	1798	78	74	0	74	0	43	0.417	0	19.96	25.81	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 15:03	28600	39300	1802	78	74	0	74	0	43	0.433	0	19.8	25.81	776	864	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 15:33	28800	39400	1796	78	70	0	70	0	43	0.433	0	19.8	25.81	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 16:03	28800	39000	1797	78	70	0	70	0	43	0.433	0	19.8	25.81	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 16:32	28800	39400	1801	78	76	0	76	0	43	0.433	0	19.8	25.81	776	864	0.00	0.48	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 17:02	28800	38000	1788	78	74	0	74	0	43	0.433	0	19.96	25.81	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 17:32	24000	33300	1796	78	74	0	74	0	43	0.433	0	19.96	21.51	776	856	0.00	0.50	40.86	RW-1, RW-2, V-8, V-9
9/28/2002 18:02	30400	6800	1804	74	68	68	74	68	37	0.417	12	19.8	19.36	784	856	1.11	0.50	41.42	RW-1, RW-2, V-8, V-9
9/28/2002 18:32	30400	5200	1812	62	68	100	68	100	33	0.417	18	19.64	21.51	800	880	1.27	0.50	42.05	RW-1, RW-2, V-8, V-9
9/28/2002 19:02	35200	4900	1808	60	74	124	74	124	32	0.417	19	19.64	21.51	808	888	1.27	0.50	42.69	RW-1, RW-2, V-8, V-9
9/28/2002 19:32	30400	4100	1813	58	68	124	68	124	31	0.417	20	19.64	21.51	808	898	1.11	0.50	43.24	RW-1, RW-2, V-8, V-9
9/28/2002 20:02	40000	4600	1795	56	68	152	68	152	30	0.417	22	19.48	21.51	816	904	1.38	0.50	43.93	RW-1, RW-2, V-8, V-9
9/28/2002 20:32	40000	4000	1788	52	70	180	70	180	26	0.433	26	19.48	21.51	840	920	1.41	0.50	44.64	RW-1, RW-2, V-8, V-9
9/28/2002 21:02	43200	4300	1799	50	74	184	74	184	26	0.417	26	19.48	21.51	840	920	1.52	0.50	45.40	RW-1, RW-2, V-8, V-9
9/28/2002 21:32	44800	4300	1793	48	72	192	72	192	25	0.433	27	19.32	21.51	840	928	1.58	0.50	46.19	RW-1, RW-2, V-8, V-9
9/28/2002 22:02	44800	4200	1787	48	72	196	72	196	25	0.433	28	19.32	21.51	832	920	1.60	0.50	46.99	RW-1, RW-2, V-8, V-9
9/28/2002 22:32	46400	4300	1793	48	74	192	74	192	25	0.433	27	19.32	21.51	840	928	1.58	0.50	47.78	RW-1, RW-2, V-8, V-9
9/28/2002 23:31	44800	4200	1791	48	70	192	70	192	25	0.417	28	19.32	21.51	840	928	1.60	0.50	48.58	RW-1, RW-2, V-8, V-9
9/29/2002 0:31	44800	4500	1803	48	74	188	74	188	25	0.417	27	19.48	19.36	832	912	1.65	0.50	49.33	RW-1, RW-2, V-8, V-9
9/29/2002 1:01	43200	4400	1812	48	72	188	72	188	25	0.417	27	19.32	19.36	840	928	1.62	0.50	50.96	RW-1, RW-2, V-8, V-9
9/29/2002 1:31	41600	4100	1817	48	68	188	68	188	24	0.417	27	19.48	21.51	832	920	1.43	0.50	51.68	RW-1, RW-2, V-8, V-9
9/29/2002 2:01	40000	4000	1792	48	72	188	72	188	26	0.417	26	19.48	21.51	832	920	1.41	0.50	52.49	RW-1, RW-2, V-8, V-9
9/29/2002 2:31	38400	4100	1808	48	68	184	68	184	25	0.417	27	19.48	21.51	832	912	1.51	0.50	53.19	RW-1, RW-2, V-8, V-9
9/29/2002 3:01	38400	3700	1780	50	72	188	72	188	25	0.433	27	19.48	19.36	840	920	1.38	0.50	53.95	RW-1, RW-2, V-8, V-9
9/29/2002 3:31	38400	4000	1811	48	68	184	68	184	25	0.417	27	19.48	21.51	832	920	1.47	0.50	55.36	RW-1, RW-2, V-8, V-9
9/29/2002 4:01	36800	3900	1790	54	68	160	68	160	22	0.417	23	19.64	21.51	816	904	1.22	0.50	55.97	RW-1, RW-2, V-8, V-9
9/29/2002 4:31	30400	4000	1807	56	72	136	72	136	29	0.417	21	19.8	21.51	808	896	1.14	0.50	56.54	RW-1, RW-2, V-8, V-9
9/29/2002 5:01	30400	3800	1793	56	68	140	68	140	30	0.417	21	19.8	21.51	816	896	1.09	0.50	57.08	RW-1, RW-2, V-8, V-9
9/29/2002 5:31	20800	3700	1814	62	68	96	68	96	34	0.417	15	19.96	21.51	800	880	0.71	0.50	57.44	RW-1, RW-2, V-8, V-9
9/29/2002 6:01	19200	3600	1792	64	72	92	72	92	34	0.417	15	20.12	19.36	792	880	0.73	0.48	57.82	RW-1, RW-2, V-8, V-9
9/29/2002 6:30	20800	3300	1815	60	68	116	68	116	32	0.417	17	19.96	21.51	808	888	0.76	0.50	58.17	RW-1, RW-2, V-8, V-9
9/29/2002 7:00	28800	3900	1792	52	72	140	72	140	29	0.417	23	19.8	21.51	816	904	1.11	0.50	58.55	RW-1, RW-2, V-8, V-9
9/29/2002 7:30	30400	3900	1796	56	68	148	68	148	29	0.417	22	19.8	19.36	816	904	1.17	0.50	59.68	RW-1, RW-2, V-8, V-9
9/29/2002 8:00	30400	3900	1811	54	68	148	68	148	29	0.417	22	19.8	19.36	816	904	1.17	0.50	59.68	RW-1, RW-2, V-8, V-9
9/29/2002 8:30	28800	3400	1792	52	70	160	70	160	28	0.417	22	19.8	21.51	824	912	1.02	0.50	60.20	RW-1, RW-2, V-8, V-9
9/29/2002 9:00	38400	4200	1810	52	70	168	70	168	27	0.417	24	19.64	21.51	824	912	1.37	0.50	60.89	RW-1, RW-2, V-8, V-9
9/29/2002 9:30	38400	4000	1812	50	70	184	70	184	26	0.417	26	19.48	21.51	832	920	1.41	0.50	61.60	RW-1, RW-2, V-8, V-9
9/29/2002 10:00	41600	4400	1804	54	74	180	74	180	33	0.417	26	19.48	21.51	840	920	1.56	0.50	62.37	RW-1, RW-2, V-8, V-9
9/29/2002 10:30	30400	4900	1793	64	68	100	68	100	33	0.417	17	19.8	21.51	808	898	1.13	0.50	62.94	RW-1, RW-2, V-8, V-9
9/29/2002 11:00	17600	24000	1806	78	70	8	70	8	43	0.433	1	20.12	21.51	768	856	0.33	0.50	63.10	RW-1, RW-2, V-8, V-9
9/29/2002 11:30	17600	24900	1790	78	74	8	74	8	43	0.417	1	19.96	21.51	776	856	0.34	0.50	63.27	RW-1, RW-2, V-8, V-9
9/29/2002 12:00	56000	5100	1787	52	68	192	68	192	27	0.433	28	18.01	21.51	840	920	1.84	0.50	64.24	RW-1, RW-2, V-8, V-9
9/29/2002 12:30	62400	5200	1798	48	78	220	78	220	24	0.433	31	18.85	21.51	856	944	2.19	0.50	65.34	RW-1, RW-2, V-8, V-9
9/29/2002 12:59	48000	6400	1794	62	74	132	74	132	32	0.417	21	19.32	21.51	816	904	1.83	0.48	66.22	RW-1, RW-2, V-8, V-9
9/29/2002 13:29	30400	40200	1806	78	72	0	72	0	43	0.417	0	19.8	23.66	776	858	0.00	0.50	66.22	RW-1, RW-2, V-8, V-9
9/29/2002 13:59	32000	43200	1801	80	72	0	72	0	43	0.417	0	19.64	23.66	776	856	0.00	0.50	66.22	RW-1, RW-2, V-8, V-9
9/29/2002 14:28	38400	51500	1794	80	76	0	76	0	43	0.433	0	19.48	23.66	776	864	0.00	0.50	66.22	RW-1, RW-2, V-8, V-9
9/29/2002 14:59	38400	51800	1810	78	72	0	72	0	43	0.433	0	19.48	23.66	776	864	0.00	0.50	66.22	RW-1, RW-2, V-8, V-9
9/29/2002 15:28	40000	21300	1786	78	76	32	76	32	41	0.417	5	19.48	21.51	784	856	1.45	0.50	66.95	RW-1, RW-2, V-8, V-9

9/29/2002 15:59	49600	11900	1794	70	76	64	37	0.417	11	19.32	21.51	800	880	1.78	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 16:29	38400	51000	1794	80	76	0	44	0.433	0	19.64	23.66	776	856	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 16:59	35200	47100	1790	80	74	0	43	0.433	0	19.64	23.66	776	864	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 17:29	30400	40300	1810	78	72	0	43	0.417	0	19.64	21.51	776	864	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 17:59	28800	36800	1789	80	74	0	43	0.433	0	19.8	21.51	776	864	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 18:29	28800	38400	1793	78	70	0	43	0.433	0	19.8	21.51	776	856	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 18:59	28800	39100	1811	78	70	0	43	0.433	0	19.8	21.51	776	856	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 19:29	28800	39400	1792	78	74	0	42	0.433	0	19.96	21.51	776	864	0.00	0.48	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 19:58	28800	38900	1802	80	70	0	43	0.433	0	19.96	21.51	776	864	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 20:28	28800	38500	1800	78	74	0	43	0.433	0	19.96	21.51	776	856	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 20:58	25600	35400	1808	78	70	4	43	0.433	0	19.96	19.36	776	864	0.00	0.50	67.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 21:28	20800	29300	1806	80	76	12	43	0.433	2	19.96	21.51	776	856	0.90	0.50	66.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 21:58	52800	4400	1798	44	70	228	21	0.433	32	19.01	19.36	848	936	1.91	0.50	69.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 22:28	52800	4100	1789	42	70	236	21	0.433	34	19.01	21.51	848	944	1.90	0.50	70.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 22:58	52800	4500	1804	44	70	216	22	0.433	32	19.17	21.51	840	928	1.96	0.50	71.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 23:28	48000	4200	1778	48	74	208	24	0.433	29	19.17	21.51	840	920	1.66	0.50	71.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/29/2002 23:58	44800	4100	1811	46	72	204	24	0.433	30	19.17	21.51	832	928	1.67	0.50	72.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 0:28	44800	4100	1793	48	70	200	24	0.433	29	19.32	19.36	832	920	1.62	0.50	73.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 0:58	44800	4000	1806	46	70	212	22	0.433	32	19.17	19.36	840	928	1.74	0.50	74.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 1:28	44800	4000	1803	46	70	212	23	0.433	30	19.32	21.51	840	920	1.63	0.50	75.28	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 1:58	44800	4100	1799	46	74	204	24	0.433	29	19.32	21.51	832	920	1.62	0.50	76.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 2:28	44800	4100	1787	46	74	200	24	0.433	28	19.32	21.51	832	920	1.56	0.50	76.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 2:57	44800	4400	1789	48	74	196	24	0.433	28	19.32	21.51	832	920	1.68	0.48	77.67	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 3:27	38400	4300	1811	52	74	164	27	0.417	25	19.48	19.36	816	896	1.46	0.50	78.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 3:57	17600	24000	1795	78	72	0	43	0.433	0	20.28	23.66	768	856	0.00	0.50	78.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 4:27	17600	23700	1811	78	68	16	43	0.433	2	20.12	21.51	768	856	0.64	0.50	78.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 4:57	30400	3800	1791	58	68	138	30	0.417	21	19.8	21.51	808	888	1.09	0.50	79.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 5:27	38400	4000	1802	52	74	172	27	0.433	24	19.64	19.36	816	904	1.31	0.50	79.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 5:57	38400	3900	1814	48	74	188	26	0.433	26	19.48	19.36	824	904	1.38	0.50	80.61	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 6:27	38400	3800	1815	48	70	196	24	0.433	28	19.48	21.51	824	912	1.45	0.50	81.34	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 6:57	36800	3600	1804	46	74	208	23	0.433	29	19.48	21.51	832	920	1.42	0.50	82.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 7:27	38400	3600	1789	48	68	200	24	0.433	28	19.48	21.51	824	912	1.37	0.50	82.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 7:57	38400	3600	1783	48	74	196	24	0.433	28	19.48	21.51	824	912	1.37	0.50	83.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 8:27	38400	3600	1792	48	70	200	24	0.433	28	19.48	21.51	824	912	1.37	0.50	84.10	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 8:57	38400	3600	1783	50	70	192	26	0.433	26	19.48	21.51	824	912	1.34	0.50	84.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 9:27	38400	3800	1791	50	74	184	27	0.433	25	19.48	21.51	824	904	1.29	0.50	85.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 9:56	44800	4500	1804	50	74	188	26	0.417	26	19.48	21.51	824	904	1.59	0.48	86.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 10:26	46400	4500	1794	50	74	192	26	0.433	26	19.48	21.51	832	912	1.65	0.50	87.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 10:56	52800	4700	1788	48	72	208	25	0.433	29	19.01	21.51	840	928	1.85	0.50	87.94	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 11:26	52800	4600	1814	46	74	216	24	0.433	31	19.01	21.51	840	928	1.94	0.50	88.81	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 11:56	62400	5000	1812	44	72	232	22	0.433	33	18.85	21.51	848	936	2.24	0.50	90.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 12:26	64000	4700	1820	42	72	252	20	0.433	36	18.69	21.51	856	944	2.30	0.50	91.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 12:56	70400	4800	1797	40	76	284	20	0.433	37	18.53	21.51	856	952	2.47	0.50	92.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 13:26	70400	4900	1785	40	76	264	19	0.433	38	18.53	21.51	856	944	2.53	0.50	93.68	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 13:56	64000	5800	1793	50	76	196	26	0.433	29	18.85	21.51	840	920	2.28	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 14:26	40000	52900	1805	78	76	0	42	0.417	0	19.48	21.51	768	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 14:56	38400	52500	1794	78	76	0	42	0.417	0	19.48	21.51	768	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 15:26	38400	52400	1802	78	72	0	43	0.433	0	19.48	23.66	776	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 15:56	38400	52100	1794	78	76	0	42	0.417	0	19.48	21.51	768	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 16:26	40000	52800	1804	78	76	0	42	0.433	0	19.48	21.51	768	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 16:56	36800	49800	1813	78	72	0	42	0.417	0	19.48	21.51	768	848	0.00	0.48	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 17:25	30400	41200	1811	78	72	0	43	0.433	0	19.64	21.51	768	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 17:55	28800	39700	1800	78	70	0	43	0.417	0	19.8	21.51	768	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 18:25	28800	39100	1780	78	74	0	42	0.433	0	19.8	21.51	768	856	0.00	0.50	94.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 18:55	28800	39000	1797	78	74	8	43	0.433	1	19.8	21.51	768	856	0.53	0.50	95.09	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 19:25	28800	38800	1798	78	70	12	42	0.433	2	19.8	19.36	776	864	1.06	0.50	95.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 19:55	28800	38600	1802	78	70	0	42	0.433	0	19.96	21.51	768	856	0.00	0.50	95.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
9/30/2002 20:25	27200	37100	1811	78	70	4	42	0.433	0	19.96	21.51	776	856	0.00	0.50	95.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

9/30/2002 20:55	27200	37400	1805	76	70	8	42	0.433	1	19.96	21.51	776	856	0.51	0.50	95.87	RW-1, RW-2, V-8, V-9
9/30/2002 21:25	24000	32100	1793	76	74	8	43	0.433	1	19.96	21.51	776	856	0.44	0.50	96.09	RW-1, RW-2, V-8, V-9
9/30/2002 21:55	24000	33300	1815	78	72	12	42	0.433	2	19.96	21.51	776	856	0.91	0.50	96.54	RW-1, RW-2, V-8, V-9
9/30/2002 22:25	19200	26800	1800	78	70	12	43	0.433	2	19.96	21.51	776	864	0.72	0.50	96.90	RW-1, RW-2, V-8, V-9
9/30/2002 22:55	17600	24900	1794	78	70	12	42	0.433	2	19.96	21.51	776	864	0.68	0.50	97.24	RW-1, RW-2, V-8, V-9
9/30/2002 23:25	16000	23200	1799	78	74	12	43	0.433	2	20.12	21.51	776	856	0.63	0.50	97.58	RW-1, RW-2, V-8, V-9
9/30/2002 23:54	16000	22900	1793	78	70	12	42	0.433	2	19.96	19.36	776	856	0.62	0.48	97.86	RW-1, RW-2, V-8, V-9
10/1/2002 0:24	17600	23600	1801	78	68	12	43	0.433	2	19.96	21.51	776	856	0.84	0.50	98.18	RW-1, RW-2, V-8, V-9
10/1/2002 0:54	16000	22500	1794	76	72	12	43	0.433	2	20.12	21.51	776	856	0.61	0.50	98.48	RW-1, RW-2, V-8, V-9
10/1/2002 1:24	17600	23600	1794	76	68	12	43	0.433	2	20.12	21.51	776	856	0.64	0.50	98.81	RW-1, RW-2, V-8, V-9
10/1/2002 1:54	16000	23200	1806	78	72	12	43	0.433	2	20.12	21.51	768	856	0.83	0.50	99.12	RW-1, RW-2, V-8, V-9
10/1/2002 2:24	16000	22800	1790	78	74	12	43	0.433	2	20.12	21.51	768	856	0.62	0.50	99.43	RW-1, RW-2, V-8, V-9
10/1/2002 2:54	16000	22800	1793	78	70	16	43	0.433	2	20.12	21.51	776	856	0.62	0.50	99.74	RW-1, RW-2, V-8, V-9
10/1/2002 3:24	16000	22800	1810	78	74	12	43	0.433	2	20.12	19.36	776	856	0.62	0.50	100.05	RW-1, RW-2, V-8, V-9
10/1/2002 3:54	16000	22800	1792	78	74	12	43	0.433	2	20.12	21.51	776	856	0.62	0.50	100.36	RW-1, RW-2, V-8, V-9
10/1/2002 4:24	16000	21700	1788	78	74	12	42	0.433	2	20.12	19.36	768	856	0.59	0.50	100.66	RW-1, RW-2, V-8, V-9
10/1/2002 4:54	16000	23200	1804	78	68	12	42	0.433	2	20.12	21.51	776	856	0.63	0.50	100.97	RW-1, RW-2, V-8, V-9
10/1/2002 5:24	16000	22400	1801	78	70	12	43	0.433	2	20.12	19.36	776	856	0.61	0.50	101.28	RW-1, RW-2, V-8, V-9
10/1/2002 5:54	16000	21800	1790	78	74	12	43	0.433	2	20.12	21.51	768	856	0.60	0.50	101.58	RW-1, RW-2, V-8, V-9
10/1/2002 6:24	14400	20400	1789	78	70	12	42	0.433	2	20.12	21.51	768	856	0.55	0.50	101.85	RW-1, RW-2, V-8, V-9
10/1/2002 6:53	14400	20900	1805	78	70	16	42	0.433	2	20.12	21.51	768	856	0.57	0.48	102.13	RW-1, RW-2, V-8, V-9
10/1/2002 7:23	16000	21300	1800	78	70	12	43	0.433	2	20.12	21.51	768	856	0.58	0.50	102.42	RW-1, RW-2, V-8, V-9
10/1/2002 7:53	16000	23200	1786	78	74	12	43	0.433	2	20.12	21.51	776	856	0.63	0.50	102.73	RW-1, RW-2, V-8, V-9
10/1/2002 8:23	16000	22800	1808	78	70	16	42	0.433	2	20.12	19.36	776	856	0.62	0.50	103.04	RW-1, RW-2, V-8, V-9
10/1/2002 8:53	44800	4200	1800	48	74	184	25	0.433	27	19.32	21.51	824	904	1.54	0.50	103.81	RW-1, RW-2, V-8, V-9
10/1/2002 9:23	44800	4200	1801	48	70	184	28	0.433	28	19.32	21.51	816	896	1.53	0.50	104.61	RW-1, RW-2, V-8, V-9
10/1/2002 10:23	46400	4400	1813	50	70	180	25	0.433	29	19.17	21.51	832	920	1.73	0.50	106.25	RW-1, RW-2, V-8, V-9
10/1/2002 10:53	28800	39200	1792	78	76	8	43	0.433	1	19.8	21.51	776	864	0.53	0.50	106.51	RW-1, RW-2, V-8, V-9
10/1/2002 11:53	28800	39800	1808	78	74	16	43	0.417	2	19.8	21.51	776	856	1.08	0.50	107.05	RW-1, RW-2, V-8, V-9
10/1/2002 12:53	28800	38400	1787	78	74	16	43	0.433	3	19.64	21.51	776	856	1.06	0.50	107.58	RW-1, RW-2, V-8, V-9
10/1/2002 13:23	28800	38500	1791	78	76	16	43	0.433	2	19.8	21.51	776	864	1.04	0.50	108.11	RW-1, RW-2, V-8, V-9
10/1/2002 13:52	28800	28400	1799	78	72	20	43	0.433	3	19.8	21.51	784	864	1.05	0.50	108.17	RW-1, RW-2, V-8, V-9
10/1/2002 14:22	28800	19900	1800	78	76	24	42	0.433	3	19.64	21.51	784	864	1.08	0.48	109.69	RW-1, RW-2, V-8, V-9
10/1/2002 14:52	30400	40100	1807	78	74	20	42	0.417	3	19.8	21.51	776	856	1.64	0.50	110.23	RW-1, RW-2, V-8, V-9
10/1/2002 15:22	28800	28400	1801	78	74	20	42	0.433	3	19.64	21.51	784	864	1.08	0.50	111.05	RW-1, RW-2, V-8, V-9
10/1/2002 15:52	28800	26700	1804	78	72	20	42	0.417	3	19.64	21.51	784	864	1.08	0.50	111.59	RW-1, RW-2, V-8, V-9
10/1/2002 16:22	28800	26100	1788	78	72	20	42	0.433	3	19.64	21.51	784	864	1.06	0.50	112.67	RW-1, RW-2, V-8, V-9
10/1/2002 16:52	28800	26100	1799	78	74	24	42	0.433	3	19.64	21.51	784	864	1.06	0.50	113.20	RW-1, RW-2, V-8, V-9
10/1/2002 17:22	28800	38800	1792	78	74	16	43	0.433	3	19.64	21.51	784	864	1.06	0.50	114.78	RW-1, RW-2, V-8, V-9
10/1/2002 17:52	28800	19700	1789	78	70	24	42	0.433	4	19.8	21.51	784	864	1.07	0.50	115.30	RW-1, RW-2, V-8, V-9
10/1/2002 18:22	28800	19200	1811	78	70	24	42	0.433	4	19.8	21.51	792	872	1.04	0.50	115.83	RW-1, RW-2, V-8, V-9
10/1/2002 18:52	28800	19200	1811	78	70	20	42	0.433	3	19.8	21.51	792	872	1.04	0.50	116.35	RW-1, RW-2, V-8, V-9
10/1/2002 19:22	28800	25900	1807	76	74	20	42	0.433	3	19.8	19.36	792	864	1.06	0.50	116.85	RW-1, RW-2, V-8, V-9
10/1/2002 19:52	28800	25400	1811	78	70	20	42	0.433	3	19.8	21.51	792	872	1.04	0.48	117.37	RW-1, RW-2, V-8, V-9
10/1/2002 20:21	28800	25500	1785	78	76	20	42	0.433	3	19.8	21.51	792	872	1.04	0.50	117.90	RW-1, RW-2, V-8, V-9
10/1/2002 20:51	28800	25800	1794	78	72	20	42	0.433	3	19.8	21.51	784	864	1.04	0.50	118.41	RW-1, RW-2, V-8, V-9
10/1/2002 21:21	28800	25700	1791	78	72	20	42	0.433	3	19.8	21.51	776	864	1.03	0.50	118.93	RW-1, RW-2, V-8, V-9
10/1/2002 21:51	27200	18900	1814	76	70	24	42	0.433	4	19.96	21.51	776	864	1.05	0.50	119.38	RW-1, RW-2, V-8, V-9
10/1/2002 22:21	26800	19200	1803	76	70	24	42	0.433	4	19.96	21.51	784	864	1.04	0.50	119.81	RW-1, RW-2, V-8, V-9
10/1/2002 22:51	24000	22500	1813	76	70	20	42	0.433	3	19.96	21.51	784	864	0.92	0.50	120.23	RW-1, RW-2, V-8, V-9
10/1/2002 23:21	22400	20700	1805	78	70	20	42	0.433	4	19.96	21.51	784	864	0.84	0.50	120.60	RW-1, RW-2, V-8, V-9
10/1/2002 23:51	22400	15200	1797	78	70	24	42	0.433	4	19.96	19.36	784	864	0.83	0.50	120.94	RW-1, RW-2, V-8, V-9
10/2/2002 0:21	20800	13800	1813	76	70	24	42	0.433	4	19.96	19.36	792	872	0.75	0.50	121.28	RW-1, RW-2, V-8, V-9
10/2/2002 0:51	17600	12600	1812	76	70	24	41	0.433	4	19.96	19.36	792	872	0.69	0.50		
10/2/2002 1:21	17600	12400	1814	76	68	24	41	0.433	4	19.96	19.36	792	872	0.67	0.50		

10/2/2002 1:51	20800	13700	1802	76	74	28	41	0.433	4	19.96	21.51	782	872	0.75	0.50	121.65	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 2:21	16000	11200	1796	76	70	24	42	0.433	4	19.96	21.51	784	872	0.61	0.50	121.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 2:51	16000	11200	1781	76	72	24	42	0.433	4	20.12	19.36	776	864	0.61	0.50	122.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 3:20	17800	11600	1792	76	72	24	41	0.433	4	20.12	21.51	784	864	0.63	0.48	122.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 4:20	41800	21700	1812	76	68	16	41	0.433	2	20.12	21.51	744	816	0.59	0.50	122.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 4:50	41800	3600	1815	42	72	216	22	0.433	31	19.32	19.36	840	920	1.52	0.50	123.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 5:20	40000	3300	1810	42	68	224	20	0.433	33	19.32	21.51	856	936	1.48	0.50	124.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 5:50	40000	3300	1828	40	68	224	20	0.433	34	19.32	21.51	868	944	1.53	0.50	125.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 6:20	40000	3200	1781	42	74	220	21	0.433	31	19.32	21.51	856	936	1.35	0.50	125.80	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 6:50	41600	3500	1808	42	70	220	21	0.433	32	19.32	21.51	848	936	1.52	0.50	126.56	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 7:20	40000	3500	1820	42	68	216	21	0.433	32	19.32	21.51	856	936	1.52	0.50	127.32	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 7:50	41800	3700	1788	44	74	204	23	0.433	30	19.32	21.51	848	928	1.48	0.50	128.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 8:20	41600	3500	1799	44	74	204	23	0.433	30	19.32	21.51	848	928	1.48	0.50	128.80	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 8:50	41600	3700	1788	44	74	204	23	0.433	30	19.32	21.51	848	928	1.51	0.50	129.55	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 9:20	41600	3600	1788	46	74	204	23	0.433	30	19.32	21.51	848	928	1.48	0.50	130.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 9:50	46400	3700	1800	42	70	220	21	0.433	33	19.32	21.51	856	944	1.47	0.50	131.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 10:19	49600	3900	1815	42	72	228	21	0.433	33	19.01	19.36	856	952	1.66	0.50	131.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 10:49	51200	4000	1806	40	76	236	20	0.433	35	19.01	21.51	864	952	1.75	0.48	132.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 11:19	57600	4100	1790	40	76	244	20	0.433	35	18.85	19.36	864	960	1.95	0.50	133.67	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 11:49	65600	4400	1796	36	72	272	18	0.433	39	18.53	19.36	880	968	2.33	0.50	134.65	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 12:19	67200	4300	1812	32	76	292	15	0.45	43	18.37	19.36	888	976	2.51	0.50	135.81	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 12:49	65600	4100	1788	32	76	292	15	0.45	41	18.53	21.51	888	976	2.29	0.50	137.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 13:19	67200	4100	1781	32	76	296	16	0.45	42	18.53	21.51	888	976	2.34	0.50	138.21	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 13:49	64000	4100	1808	32	76	296	15	0.45	42	18.53	21.51	888	976	2.34	0.50	139.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 14:19	64000	4100	1808	32	76	296	15	0.45	42	18.53	21.51	888	976	2.34	0.50	140.55	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 14:49	64000	4100	1796	32	74	296	16	0.433	41	18.69	21.51	864	968	2.28	0.50	141.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 15:19	62400	4000	1797	30	74	292	15	0.433	41	18.53	21.51	872	968	2.23	0.50	142.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 15:49	57600	3800	1806	32	70	284	15	0.433	41	18.85	21.51	864	960	2.12	0.50	145.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 16:19	57600	3900	1817	32	70	280	16	0.433	40	18.85	21.51	872	968	2.12	0.50	146.10	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 16:49	57600	4000	1811	34	70	276	16	0.433	39	18.85	19.36	864	960	2.12	0.50	147.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 17:18	51200	3700	1784	34	72	264	17	0.433	37	19.17	21.51	856	944	1.88	0.48	148.06	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 17:48	3200	3600	1788	36	68	260	17	0.433	36	19.17	19.36	840	936	1.76	0.50	148.94	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 18:18	44800	3400	1785	36	72	252	18	0.433	35	19.17	21.51	840	936	1.62	0.50	149.75	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 18:48	43200	3400	1811	36	68	248	18	0.433	35	19.17	21.51	840	944	1.62	0.50	150.56	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 19:18	43200	3200	1798	38	72	248	18	0.433	35	19.17	21.51	840	944	1.52	0.50	151.32	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 19:48	43200	3300	1810	36	72	248	18	0.433	35	19.32	19.36	840	936	1.57	0.50	152.11	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 20:18	43200	3300	1814	38	70	244	18	0.433	35	19.32	21.51	848	944	1.57	0.50	152.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 20:48	43200	3300	1806	38	72	244	19	0.433	34	19.32	19.36	840	936	1.53	0.50	153.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 21:18	43200	3400	1816	38	68	240	19	0.433	34	19.32	19.36	840	936	1.57	0.50	154.44	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 21:48	43200	3300	1787	38	72	240	19	0.433	34	19.32	21.51	840	928	1.53	0.50	155.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 22:18	38400	3300	1789	38	68	240	19	0.433	34	19.32	21.51	840	936	1.53	0.50	155.97	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 22:48	40000	3300	1810	38	68	236	19	0.433	33	19.48	23.66	840	936	1.35	0.50	156.64	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 23:18	36800	2900	1791	38	72	232	19	0.433	33	19.48	21.51	840	928	1.53	0.50	157.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/2/2002 23:48	36800	3100	1814	38	72	232	19	0.433	33	19.48	21.51	840	928	1.30	0.50	158.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 0:17	36800	3100	1814	38	72	232	19	0.433	34	19.32	21.51	832	920	1.43	0.48	158.75	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 0:47	35200	2900	1804	40	72	228	20	0.433	32	19.48	19.36	832	928	1.26	0.50	159.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 1:17	35200	2900	1805	40	68	220	20	0.433	32	19.48	21.51	832	920	1.26	0.50	160.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 1:47	35200	2900	1808	40	68	220	20	0.433	32	19.48	21.51	832	920	1.26	0.50	160.64	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 2:17	35200	2900	1810	40	72	216	20	0.433	32	19.48	19.36	832	928	1.26	0.50	161.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 2:47	35200	2900	1802	42	72	216	21	0.433	31	19.48	19.36	824	920	1.28	0.50	161.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 3:17	35200	3000	1783	42	68	212	21	0.433	30	19.64	21.51	832	928	1.22	0.50	162.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 3:47	35200	3000	1795	42	72	212	21	0.433	31	19.64	21.51	832	928	1.28	0.50	163.15	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 4:17	33600	3000	1805	42	68	212	21	0.433	31	19.64	21.51	824	920	1.26	0.50	163.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 4:47	32000	2900	1801	42	72	212	21	0.433	30	19.64	21.51	832	920	1.18	0.50	164.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 5:17	28800	2500	1806	42	68	208	21	0.433	30	19.64	19.36	832	920	1.02	0.50	164.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 5:47	27200	2400	1815	42	68	208	21	0.433	30	19.64	21.51	824	920	0.98	0.50	165.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/3/2002 6:17	28800	2500	1815	42	68	212	21	0.433	30	19.64	21.51	824	912	1.02	0.50	165.88	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5

10/3/2002 6:47	25600	2300	1811	42	72	208	21	0.433	30	19.8	19.36	824	912	0.94	0.50	166.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 7:16	27200	2400	1819	42	68	208	21	0.433	30	19.8	21.51	816	904	0.98	0.48	166.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 7:46	27200	2300	1789	42	72	208	21	0.433	29	19.8	21.51	824	912	0.91	0.50	167.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 8:16	27200	2500	1794	42	68	204	22	0.433	29	19.8	21.51	832	920	0.99	0.50	167.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 8:46	27200	2600	1786	44	72	192	23	0.433	28	19.8	19.36	816	904	0.99	0.50	168.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 9:16	27200	2600	1819	44	68	192	23	0.433	28	19.8	21.51	824	904	0.99	0.50	168.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 9:46	27200	2700	1809	46	68	184	24	0.433	27	19.8	21.51	824	904	0.99	0.50	169.25	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 10:16	27200	2800	1799	46	72	180	24	0.433	26	19.8	21.51	824	904	0.99	0.50	169.75	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 10:46	25600	2700	1807	46	72	180	24	0.433	27	19.8	21.51	824	912	0.99	0.50	170.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 11:16	27200	2800	1820	48	68	180	24	0.433	27	19.8	21.51	824	904	1.03	0.50	170.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 11:46	25600	2500	1793	48	70	180	25	0.433	26	19.64	19.36	824	912	0.88	0.50	171.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 12:16	35200	3500	1791	46	72	184	25	0.433	26	19.64	21.51	832	920	1.24	0.50	171.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 12:46	35200	3400	1790	46	68	188	24	0.433	27	19.64	21.51	832	912	1.25	0.50	172.44	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 13:16	33600	3400	1806	46	72	192	24	0.433	27	19.64	19.36	840	920	1.25	0.50	173.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 13:46	35200	3400	1816	46	68	192	23	0.433	29	19.64	21.51	832	920	1.34	0.50	173.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 14:15	35200	3300	1789	46	72	192	24	0.433	28	19.48	21.51	824	920	1.26	0.48	174.34	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 14:45	35200	3300	1814	44	70	200	22	0.433	31	19.48	21.51	824	912	1.39	0.50	175.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 15:15	35200	3200	1812	44	68	200	23	0.433	29	19.48	21.51	832	920	1.26	0.50	175.67	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 15:45	35200	3200	1788	44	72	196	23	0.433	29	19.48	21.51	832	920	1.26	0.50	176.30	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 16:15	35200	3300	1812	44	72	186	23	0.433	29	19.64	21.51	824	912	1.30	0.50	176.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 16:45	33600	3100	1797	46	72	192	23	0.433	28	19.64	21.51	824	912	1.18	0.50	177.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 17:15	35200	3400	1813	46	68	192	23	0.433	29	19.64	21.51	824	912	1.34	0.50	178.21	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
10/3/2002 17:45	32000	3100	1813	46	68	188	23	0.433	28	19.64	21.51	816	904	1.18	0.50	178.80	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5													
Total														1.18	151.63	178.80															

Avg. Lbs/Hr Removed:	1.18 lbs/hr
Total Run Time:	151.63 hours
Est. Total Lbs. Removed:	178.80 lbs
Equiv. Total Gal. Removed:	28.56 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 1

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/4/2002 8:36	0	0	1802	76	64	0	42	0.417	0	20.75	0	680	720	0.00	-	-	Baseline	
10/4/2002 9:06	12800	2800	1812	64	62	112	34	0.383	15	19.96	21.51	792	848	0.57	0.50	0.29	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 9:36	16000	3300	1810	64	62	100	35	0.383	13	20.28	19.36	776	832	0.58	0.50	0.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 10:06	16000	3200	1789	64	62	100	35	0.383	13	20.28	21.51	768	816	0.57	0.50	0.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 10:36	19200	4200	1785	64	66	96	35	0.383	12	20.43	19.36	752	800	0.69	0.50	1.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 11:06	19200	4200	1816	62	62	92	34	0.383	14	20.43	19.36	744	800	0.80	0.50	1.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 11:36	19200	3900	1777	64	66	88	35	0.383	12	20.43	21.51	712	760	0.64	0.50	1.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 12:06	17600	3700	1790	62	64	92	35	0.383	12	20.43	19.36	728	768	0.60	0.50	2.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 12:36	17600	3800	1817	58	64	112	32	0.383	14	20.59	19.36	760	800	0.72	0.50	2.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 13:06	17600	3200	1780	58	64	112	32	0.383	14	20.59	19.36	760	808	0.61	0.50	2.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 13:36	17600	3100	1799	56	64	120	31	0.383	15	20.59	21.51	760	808	0.63	0.50	3.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 14:06	19200	3700	1804	60	60	104	32	0.383	14	20.59	21.51	752	800	0.70	0.50	3.56	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 14:35	19200	4000	1816	58	60	104	32	0.383	14	20.59	19.36	752	808	0.76	0.48	3.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 15:05	19200	3600	1778	60	64	104	33	0.383	14	20.43	19.36	736	792	0.69	0.50	4.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 15:35	20800	3700	1798	60	66	100	33	0.383	13	20.59	21.51	736	792	0.65	0.50	4.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
																4.59		
																6.98		

Avg. Lbs/Hr Removed:	0.66 lbs/hr
Total Run Time:	6.98 hours
Est. Total Lbs. Removed:	4.59 lbs
Equiv. Total Gal. Removed:	0.73 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/4/2002 8:39	0	0	1799	86	56	0	46	0.467	0	19.64	0	736	800	0.00	-	-	Baseline	
10/4/2002 9:09	78400	6800	1792	64	70	244	32	0.467	31	17.42	21.51	952	1048	2.87	0.50	1.43	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 9:39	81600	6700	1781	64	70	248	31	0.467	32	17.42	21.51	952	1048	2.92	0.50	2.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 10:09	78400	6200	1794	60	66	248	30	0.467	32	17.58	21.51	936	1032	2.70	0.50	4.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 10:39	76800	5900	1802	56	68	252	28	0.45	33	17.58	21.51	920	1016	2.65	0.50	5.56	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 11:09	75200	6000	1805	54	68	256	26	0.45	34	17.9	21.51	920	1008	2.77	0.50	6.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 11:39	67200	5300	1800	52	66	252	26	0.45	34	17.9	21.51	888	976	2.45	0.50	8.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 12:09	64000	5200	1817	52	62	248	26	0.45	33	18.06	19.36	896	984	2.33	0.50	9.34	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 12:39	51200	4800	1805	54	60	212	27	0.433	30	18.53	21.51	848	936	1.96	0.50	10.32	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 13:09	44800	4100	1771	54	64	212	28	0.433	27	18.85	19.36	856	944	1.51	0.50	11.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 13:39	46400	4300	1788	54	64	204	28	0.433	28	18.85	21.51	864	952	1.64	0.50	11.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 14:09	51200	4400	1791	52	66	224	26	0.433	30	18.69	21.51	880	968	1.79	0.50	12.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 14:38	52800	4500	1826	50	60	224	25	0.433	32	18.69	21.51	872	960	1.96	0.48	13.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 15:08	56000	4700	1819	50	62	232	25	0.433	32	18.37	21.51	872	960	2.04	0.50	14.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/4/2002 15:38	62400	5000	1806	48	66	236	24	0.433	34	18.37	21.51	872	960	2.31	0.50	15.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total																15.91		

Avg. Lbs/Hr Removed:	2.28 lbs/hr
Total Run Time:	6.98 hours
Est. Total Lbs. Removed:	15.91 lbs
Equiv. Total Gal. Removed:	2.54 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hantz
 Engine#: 1

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PrCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/5/2002 12:21	0	0	1782	74	62	0	43	0.4	0	21.38	0	680	720	0.00	-	-	Baseline	
10/5/2002 12:51	6400	1300	1817	62	66	144	34	0.4	15	20.12	21.51	848	904	0.27	0.50	0.13	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 13:21	12800	2600	1778	62	66	128	34	0.383	13	20.28	19.36	824	872	0.46	0.50	0.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 13:51	17600	4000	1816	60	64	112	34	0.383	12	20.59	21.51	792	840	0.65	0.50	0.69	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 14:21	17600	3800	1825	58	60	120	32	0.383	14	20.59	19.36	792	840	0.72	0.50	1.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 14:51	17600	3300	1801	58	60	124	31	0.383	15	20.59	19.36	784	832	0.67	0.50	1.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 15:21	19200	3400	1790	58	64	120	31	0.383	15	20.59	21.51	784	824	0.69	0.50	1.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 15:51	3200	600	1831	54	60	124	30	0.433	16	20.75	19.36	776	832	0.13	0.50	1.80	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 16:21	12800	1500	1821	46	66	208	24	0.383	25	20.12	19.36	840	880	0.51	0.50	2.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 16:51	46400	2500	1783	22	74	460	10	0.433	48	18.22	0	1000	1088	1.63	0.50	2.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 17:20	44800	2300	1785	20	72	456	8	0.433	50	18.37	0	1008	1096	1.56	0.48	3.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 17:50	46400	2300	1781	14	68	484	6	0.433	52	18.37	0	1008	1096	1.63	0.50	4.44	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 18:20	41800	2200	1823	14	68	464	5	0.417	52	18.53	0	992	1072	1.56	0.50	5.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/5/2002 18:50	33600	1800	1826	14	66	440	6	0.417	49	18.85	0	976	1040	1.20	0.50	5.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total/																6.48		

Avg. Lbs/Hr Removed: 0.90 lbs/hr
 Total Run Time: 6.48 hours
 Est. Total Lbs. Removed: 5.82 lbs
 Equiv. Total Gal. Removed: 0.93 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMIG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/hr	ppmV	RPM	Air P	Fuel P	Well P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/5/2002 12:23	0	0	1808	84	58	0	19.96	0	736	808	0.00	0.50	1.13	Baseline	7 scfm ea.	On S-3, S-5			
10/5/2002 12:53	6800	7200	1794	68	58	204	18.06	21.51	952	1056	2.25	0.50	2.64	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 13:23	78400	7700	1818	64	64	224	17.9	19.36	952	1048	3.04	0.50	4.05	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 13:53	78400	6900	1792	60	68	240	17.9	21.51	952	1056	2.81	0.50	5.36	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 14:23	72000	6200	1797	58	64	236	18.06	21.51	928	1024	2.61	0.50	6.66	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 14:53	70400	6200	1808	54	68	236	18.37	21.51	896	992	2.35	0.50	7.84	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 15:23	67200	5400	1805	52	62	236	18.37	21.51	888	984	2.16	0.50	8.92	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 15:53	62400	5300	1786	52	62	228	19.48	21.51	840	936	1.46	0.50	9.65	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 16:23	40000	5100	1815	58	60	148	20.28	27.97	776	864	0.00	0.50	9.65	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 16:53	16000	23000	1811	78	60	0	20.43	30.12	784	872	0.00	0.50	9.65	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 17:23	16000	23000	1798	78	58	0	20.43	30.12	784	872	0.00	0.50	9.65	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 17:53	16000	22700	1796	76	64	0	20.43	27.97	784	872	0.00	0.48	9.65	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
10/5/2002 18:22	16000	22300	1811	76	60	0	20.43	27.97	784	872	0.00	0.48	9.65	RW-1, RW-2, V-8, V-9	7 scfm ea.	On S-3, S-5			
Total																			
5.98																			

Avg. Lbs/Hr Removed:	1.61 lbs/hr
Total Run Time:	5.98 hours
Est. Total Lbs. Removed:	9.65 lbs
Equiv. Total Gal. Removed:	1.54 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 1

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr.*	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge	
10/6/2002 11:10	0	0	1795	74	62	0	43	0.417	0	21.38	0	672	720	0.00	-	-	Baseline		
10/6/2002 11:39	44800	3900	1784	58	68	288	29	0.45	30	18.06	0	1000	1104	1.59	0.48	0.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 12:09	52800	3900	1784	52	70	328	26	0.433	34	17.9	0	1000	1096	1.80	0.50	1.67	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 12:39	59200	4000	1814	44	68	360	21	0.433	40	17.9	0	992	1088	2.18	0.50	2.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 13:09	51200	3200	1782	38	74	380	18	0.433	41	18.06	0	1000	1096	1.78	0.50	3.65	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 13:39	56000	3300	1798	32	70	420	15	0.433	46	17.9	0	1000	1096	2.06	0.50	4.68	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 14:09	60800	3200	1802	26	74	448	13	0.433	48	17.74	0	1000	1088	2.09	0.50	5.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 14:39	64000	3300	1794	22	74	476	10	0.433	51	17.58	0	1008	1096	2.29	0.50	6.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 15:09	62400	3100	1791	18	70	476	9	0.433	52	17.74	0	1008	1096	2.19	0.50	7.97	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 15:39	62400	3000	1775	16	74	500	7	0.433	54	17.74	0	1008	1096	2.20	0.50	9.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 16:09	59200	2900	1816	14	72	476	5	0.433	55	18.06	0	984	1064	2.17	0.50	10.15	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 16:39	51200	2500	1792	14	72	464	6	0.417	52	18.22	0	984	1040	1.77	0.50	11.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 17:09	46400	2400	1815	14	72	448	5	0.417	52	18.53	0	960	1024	1.70	0.50	11.88	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
Total																11.88	5.98		

Avg. Lbs/Hr Removed:	1.98 lbs/hr
Total Run Time:	5.98 hours
Est. Total Lbs. Removed:	11.88 lbs
Equiv. Total Gal. Removed:	1.90 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: DE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engineer#: 2

Time Stamp	BTU/hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge	
10/6/2002 11:11	0	0	1805	86	58	0	47	0.483	0	19.96	0	728	808	0.00	0.00	-	Baseline		
10/6/2002 11:41	36800	6900	1785	70	62	104	38	0.433	14	19.48	19.36	832	920	1.31	0.50	0.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 12:11	28800	7000	1805	72	62	80	39	0.433	12	19.8	21.51	808	896	1.14	0.50	1.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 12:41	25600	8800	1789	74	64	48	41	0.433	8	19.96	21.51	784	880	0.96	0.50	1.71	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 13:11	16000	8600	1794	76	64	32	42	0.433	5	20.12	23.66	776	864	0.58	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 13:41	16000	22100	1805	78	62	0	43	0.433	0	20.12	21.51	776	864	0.00	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 14:11	19200	27200	1797	78	60	0	43	0.433	0	19.96	25.81	768	864	0.00	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 14:41	27200	37800	1801	80	62	0	42	0.433	0	19.8	25.81	776	864	0.00	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 15:11	27200	36800	1803	78	60	0	43	0.433	0	19.8	27.97	776	872	0.00	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 15:41	27200	37800	1808	78	64	0	42	0.433	0	19.8	30.12	776	872	0.00	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 16:11	27200	37400	1790	78	64	0	43	0.433	0	19.8	27.97	776	864	0.00	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 16:40	27200	37000	1809	76	62	0	44	0.433	0	19.96	25.81	776	864	0.00	0.48	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/6/2002 17:10	25600	34400	1792	78	66	0	43	0.433	0	19.96	25.81	776	872	0.00	0.50	2.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
Total																5.98			

Avg. Lbs/Hr Removed:	0.33 lbs/hr
Total Run Time:	5.98 hours
Est. Total Lbs. Removed:	2.00 lbs
Equiv. Total Gal. Removed:	0.32 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P.	Fuel P.	Well P.	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp.	PostCat Temp.	Estimated lbs/hr *	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge	
10/7/2002 8:50	0	0	1793	84	58	0	48	0.5	0	20.75	0	736	808	0.00	-	-	Baseline		
10/7/2002 9:20	83200	7100	1798	56	68	288	28	0.483	31	18.06	17.21	976	1112	2.99	0.50	1.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 9:50	84800	6800	1755	52	68	304	26	0.483	32	18.06	19.36	976	1096	2.96	0.50	2.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 10:20	84800	6200	1809	46	62	316	23	0.467	36	18.22	21.51	960	1080	3.03	0.50	4.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 10:50	84800	6000	1784	44	66	312	21	0.467	36	18.37	21.51	944	1056	2.94	0.50	5.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 11:20	78400	5800	1809	40	62	316	20	0.467	37	18.53	21.51	920	1032	2.92	0.50	7.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 11:50	72000	5200	1795	40	62	312	19	0.45	37	18.85	19.36	928	1024	2.62	0.50	8.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 12:19	73600	5100	1799	38	62	312	18	0.45	38	18.85	21.51	912	1024	2.64	0.48	10.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 12:49	73600	5200	1802	36	60	316	18	0.45	38	18.85	19.36	920	1016	2.69	0.50	11.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 13:19	75200	5100	1796	36	62	320	17	0.45	39	18.69	21.51	920	1024	2.70	0.50	12.70	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 13:49	76800	5200	1784	36	66	320	17	0.45	39	18.69	21.51	912	1016	2.76	0.50	14.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 14:19	80000	5400	1782	34	66	324	17	0.45	39	18.69	19.36	912	1008	2.86	0.50	15.51	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 14:49	78400	5200	1780	34	64	320	16	0.45	39	18.85	19.36	904	1008	2.76	0.50	16.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 15:19	78400	5200	1812	34	62	316	16	0.45	40	18.85	21.51	904	1000	2.83	0.50	18.30	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 15:49	70400	4900	1799	34	66	312	16	0.45	39	18.85	19.36	888	992	2.60	0.50	19.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 16:19	68800	4800	1789	34	60	304	16	0.45	38	19.17	21.51	888	984	2.48	0.50	20.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 16:49	60800	4400	1813	32	60	304	15	0.433	38	19.32	21.51	880	976	2.27	0.50	21.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/7/2002 17:19	60800	4300	1797	32	64	304	15	0.433	37	19.32	19.36	888	976	2.16	0.50	23.06	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
Total																8.48			

Avg. Lbs/Hr Removed:	2.72 lbs/hr
Total Run Time:	8.48 hours
Est. Total Lbs. Removed:	23.06 lbs
Equiv. Total Gal. Removed:	3.68 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMIG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge	
10/8/2002 8:03	0	0	1804	84	56	0	47	0.5	0	20.75	0	744	816	0.00	-	-	Baseline		
10/8/2002 8:33	76800	6500	1825	54	68	272	27	0.483	32	18.22	17.21	968	1088	2.83	0.50	1.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 9:03	80000	6100	1789	48	68	296	24	0.483	35	18.22	21.51	968	1096	2.90	0.50	2.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 9:32	84800	6200	1817	46	68	300	22	0.467	36	18.22	21.51	960	1084	3.03	0.48	4.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 10:02	78400	5800	1785	44	66	292	22	0.467	35	18.53	21.51	944	1048	2.76	0.50	5.71	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 10:32	80000	5700	1809	40	66	296	20	0.45	36	18.69	21.51	928	1032	2.79	0.50	7.11	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 11:02	81600	5700	1793	40	66	300	19	0.45	38	18.53	21.51	920	1024	2.95	0.50	8.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 11:32	83200	5700	1812	38	64	304	18	0.45	39	18.53	21.51	920	1016	3.02	0.50	10.09	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 12:02	83200	5800	1822	36	62	308	18	0.45	39	18.53	21.51	920	1016	3.08	0.50	11.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 12:32	83200	5700	1797	36	62	304	17	0.45	39	18.69	21.51	912	1016	3.10	0.50	13.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 13:02	84800	5700	1816	34	62	312	17	0.45	40	18.53	21.51	920	1016	3.10	0.50	14.69	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 13:32	88000	5800	1818	34	64	320	16	0.45	42	18.37	21.51	912	1016	3.31	0.50	16.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 14:02	88000	5700	1810	32	62	316	15	0.45	42	18.37	21.51	912	1016	3.26	0.50	17.97	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 14:32	92800	5800	1804	32	68	316	15	0.45	42	18.53	21.51	912	1008	3.31	0.50	19.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 15:02	94400	5900	1814	32	64	320	15	0.45	43	18.37	19.36	904	1008	3.45	0.50	21.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 15:32	88000	5500	1792	32	62	316	15	0.45	42	18.53	19.36	904	1000	3.14	0.50	22.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 16:02	88000	5500	1801	30	66	316	15	0.45	41	18.69	21.51	896	992	3.07	0.50	24.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 16:31	80000	5200	1801	30	66	312	15	0.433	41	18.69	21.51	896	992	2.90	0.48	25.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 17:01	80000	5200	1800	30	66	312	14	0.433	41	18.85	21.51	896	984	2.90	0.50	27.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 17:31	72000	4600	1790	30	62	312	14	0.433	41	19.01	19.36	888	984	2.56	0.50	28.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/8/2002 18:01	72000	4800	1816	30	60	304	14	0.433	41	19.01	19.36	888	984	2.68	0.50	29.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
Total																9.97			

Avg. Lbs/Hr Removed:	3.00 lbs/hr
Total Run Time:	9.97 hours
Est. Total Lbs. Removed:	29.93 lbs
Equiv. Total Gal. Removed:	4.78 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller SN: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00.19
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/hr	ppm	RPM	Air P.	Fuel P.	Well P.	Air Flow	Fuel Flow	Well Flow	Man Vac.	Well Vac.	PreCat Temp.	PostCat Temp.	Estimated lbs/hr.	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/9/2002 7:46	0	0	1803	86	56	0	47	0.483	0	20.59	0	744	816	0.00	-	-	Baseline	
10/9/2002 8:16	75200	5700	1808	50	64	308	24	0.483	36	18.06	21.51	976	1088	2.79	0.50	1.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 8:46	76800	5800	1779	48	68	300	23	0.467	35	18.37	21.51	960	1072	2.76	0.50	2.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 9:16	80000	5900	1797	44	62	304	22	0.467	36	18.37	21.51	952	1056	2.89	0.50	4.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 9:46	73600	5200	1797	42	66	300	20	0.45	36	18.69	21.51	928	1040	2.95	0.50	5.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 10:16	73600	5200	1779	40	62	300	20	0.45	36	18.69	21.51	920	1024	2.55	0.50	6.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 10:46	73600	5300	1789	38	66	304	19	0.45	37	18.69	21.51	912	1016	2.87	0.50	8.10	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 11:16	73600	5300	1809	38	66	304	18	0.45	38	18.69	19.36	912	1008	2.74	0.50	9.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 11:46	72000	4900	1778	36	66	308	18	0.45	38	18.69	21.51	912	1008	2.53	0.50	10.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 12:16	72000	4900	1791	36	66	308	17	0.45	39	18.85	19.36	904	1008	2.60	0.50	12.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 12:46	75200	5000	1784	36	66	312	17	0.45	39	18.69	21.51	904	1008	2.65	0.50	13.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 13:16	78400	5100	1801	34	64	312	17	0.45	39	18.69	19.36	896	1000	2.70	0.50	14.71	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 13:46	80000	5200	1794	34	66	320	16	0.45	40	18.69	21.51	896	1000	2.90	0.50	16.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 14:15	78400	5200	1776	34	66	316	16	0.45	41	18.53	19.36	896	1000	2.83	0.48	17.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 14:45	76800	5100	1801	32	62	320	15	0.45	41	18.69	21.51	896	992	2.84	0.50	18.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 15:15	73600	4700	1803	32	66	316	15	0.45	41	18.69	21.51	888	984	2.62	0.50	20.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 15:45	65600	4300	1797	32	66	312	15	0.433	39	19.01	21.51	880	984	2.28	0.50	21.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 16:15	64000	4400	1819	30	60	312	15	0.433	39	19.01	19.36	880	976	2.33	0.50	22.56	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 16:45	59200	4000	1802	30	60	308	15	0.433	39	19.17	21.51	880	976	2.12	0.50	23.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 17:15	56000	3900	1781	30	64	304	15	0.433	38	19.32	21.51	872	968	2.02	0.50	24.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 17:45	54400	3900	1816	30	60	300	15	0.433	38	19.32	21.51	864	968	2.02	0.50	25.64	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 18:15	52800	3700	1808	30	60	300	15	0.433	38	19.48	21.51	872	968	1.91	0.50	26.60	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 18:45	49600	3700	1800	32	64	292	16	0.433	36	19.48	19.36	872	960	1.81	0.50	27.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/9/2002 19:15	49600	3600	1797	32	60	292	16	0.433	36	19.48	19.36	872	960	1.76	0.50	28.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
															11.48	28.38		

Total

Avg. Lbs/Hr Removed:	2.47 lbs/hr
Total Run Time:	11.48 hours
Est. Total Lbs. Removed:	28.38 lbs
Equiv. Total Gal. Removed:	4.53 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller SN: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/10/2002 7:51	0	0	1810	84	56	0	47	0.483	0	20.75	0	744	816	0.00	0.00	-	Baseline	
10/10/2002 8:21	80000	6200	1779	48	68	292	25	0.467	32	18.37	21.51	968	1080	2.70	0.50	1.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 8:51	75200	5700	1794	44	66	292	23	0.467	33	18.53	21.51	944	1056	2.56	0.50	2.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 9:21	78400	5900	1815	44	62	288	21	0.45	36	18.69	21.51	936	1040	2.69	0.50	4.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 9:51	78400	5800	1789	42	66	288	20	0.45	36	18.69	19.36	928	1032	2.84	0.50	5.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 10:21	78400	5600	1795	38	66	296	19	0.45	37	18.69	19.36	920	1024	2.82	0.50	6.90	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 10:51	76800	5400	1775	38	64	292	19	0.45	37	18.69	21.51	912	1016	2.72	0.50	8.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 11:21	81600	5700	1801	36	64	304	17	0.45	39	18.69	21.51	912	1016	3.02	0.50	9.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 11:50	83200	5800	1809	36	66	304	17	0.45	39	18.69	21.51	904	1008	3.08	0.48	11.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 12:20	86400	5500	1814	34	68	312	16	0.45	41	18.53	19.36	904	1000	3.07	0.50	12.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 12:50	84800	5600	1817	32	62	312	16	0.433	41	18.53	21.51	896	1000	3.12	0.50	14.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 13:20	86400	5500	1801	34	68	312	16	0.433	41	18.53	21.51	896	1000	3.07	0.50	15.88	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 13:50	89600	5600	1778	32	66	312	15	0.433	42	18.53	21.51	904	992	3.20	0.50	17.48	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 14:20	86400	5500	1817	32	64	316	15	0.433	42	18.53	21.51	904	1000	3.14	0.50	19.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 14:50	86400	5300	1790	32	62	316	15	0.433	42	18.53	19.36	896	992	3.03	0.50	20.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 15:20	86400	5300	1815	30	64	316	14	0.433	43	18.53	21.51	896	992	3.10	0.50	22.11	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 15:50	84800	5400	1784	30	66	316	14	0.433	41	18.69	19.36	888	984	3.01	0.50	23.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 16:20	78400	4900	1786	30	66	316	14	0.433	42	18.69	21.51	888	984	2.80	0.50	25.02	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 16:50	76800	5000	1795	30	66	312	15	0.433	40	18.85	21.51	888	984	2.72	0.50	26.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 17:20	72000	4600	1813	28	62	312	14	0.433	40	19.01	21.51	888	984	2.56	0.50	27.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 17:50	68800	4400	1788	28	62	312	14	0.433	40	19.01	21.51	880	976	2.39	0.50	28.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 18:20	52800	5400	1807	46	62	180	24	0.417	26	19.8	10.76	816	912	1.91	0.50	29.81	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 18:49	64000	4200	1790	28	60	300	13	0.433	40	19.32	19.36	864	968	2.28	0.48	30.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 19:19	64000	4300	1820	26	60	304	13	0.433	40	19.32	21.51	872	976	2.34	0.50	32.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 19:49	64000	4200	1818	26	60	300	13	0.433	40	19.32	19.36	872	976	2.28	0.50	33.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 20:19	62400	4100	1781	28	64	296	13	0.433	39	19.48	23.66	872	968	2.17	0.50	34.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 20:49	59200	3900	1795	26	64	300	13	0.433	39	19.48	21.51	872	968	2.07	0.50	35.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 21:19	56000	3700	1791	28	64	296	13	0.433	39	19.48	21.51	872	968	1.96	0.50	36.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 21:49	56000	3900	1822	28	60	292	13	0.433	39	19.48	21.51	872	968	2.07	0.50	37.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 22:19	56000	3800	1793	26	64	296	13	0.433	39	19.48	21.51	872	968	2.02	0.50	38.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 22:49	56000	3800	1772	28	64	292	13	0.433	38	19.64	21.51	864	968	1.96	0.50	39.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 23:19	56000	3900	1802	28	64	292	13	0.433	38	19.64	23.66	864	960	2.02	0.50	40.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/10/2002 23:49	56000	3900	1804	28	60	292	13	0.433	39	19.48	21.51	864	960	2.07	0.50	41.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total																		

Avg. Lbs/Hr Removed:	2.59 lbs/hr
Total Run Time:	15.97 hours
Est. Total Lbs. Removed:	41.39 lbs
Equiv. Total Gal. Removed:	6.61 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller SN: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/11/2002 0:19	52800	3600	1797	28	58	292	13	0.433	38	19.64	21.51	864	960	1.86	0.50	0.93	Baseline	
10/11/2002 0:49	48000	3300	1790	28	60	284	13	0.417	38	19.64	19.36	864	960	1.71	0.50	1.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 1:19	48000	3400	1816	28	60	288	13	0.433	38	19.64	19.36	864	960	1.76	0.50	2.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 1:48	48000	3300	1797	26	62	288	13	0.417	37	19.8	21.51	856	952	1.66	0.48	3.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 2:18	48000	3600	1807	28	62	284	14	0.417	37	19.8	21.51	856	952	1.81	0.50	4.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 2:48	48000	3300	1791	26	62	284	13	0.433	37	19.8	19.36	856	952	1.66	0.50	5.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 3:18	49600	3500	1800	28	60	284	14	0.417	36	19.96	21.51	856	952	1.71	0.50	6.06	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 3:48	48000	3500	1798	26	62	284	14	0.417	35	19.96	21.51	848	952	1.67	0.50	6.89	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 4:18	48000	3500	1783	28	62	280	14	0.417	36	19.96	19.36	848	952	1.71	0.50	7.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 4:48	44800	3400	1801	28	58	280	14	0.417	36	19.96	21.51	848	952	1.66	0.50	8.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 5:18	40000	3000	1799	28	58	276	14	0.417	35	19.96	21.51	848	952	1.43	0.50	9.29	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 5:48	36800	2800	1812	28	62	276	14	0.417	35	19.96	21.51	848	944	1.33	0.50	9.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 6:18	38400	2900	1797	28	58	276	14	0.417	35	19.96	21.51	840	936	1.38	0.50	10.65	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 6:48	38400	2800	1784	28	62	280	14	0.417	35	20.12	21.51	848	944	1.33	0.50	11.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 7:18	38400	2900	1813	28	58	276	14	0.417	35	20.12	21.51	848	944	1.38	0.50	12.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 7:48	38400	2900	1804	28	62	276	14	0.417	35	19.96	21.51	848	952	1.38	0.50	12.69	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 8:18	46400	3500	1817	28	58	276	14	0.417	37	19.96	19.36	856	952	1.71	0.50	13.55	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 8:47	51200	3800	1821	28	62	280	14	0.417	37	19.8	21.51	856	952	1.81	0.50	14.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 9:17	51200	3600	1787	28	60	280	14	0.417	37	19.8	21.51	856	952	1.81	0.50	15.38	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 9:47	54400	3900	1796	28	64	280	14	0.417	37	19.64	21.51	856	960	1.96	0.50	16.36	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 10:17	59200	4300	1817	28	60	288	14	0.417	38	19.48	19.36	856	960	2.22	0.50	17.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 10:47	62400	4400	1812	28	66	292	14	0.417	38	19.48	21.51	864	960	2.27	0.50	18.61	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 11:17	67200	4500	1823	28	62	296	13	0.417	40	19.32	21.51	864	960	2.45	0.50	19.83	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 11:30	67200	4500	1804	28	66	300	13	0.417	39	19.32	21.51	864	960	2.39	0.22	20.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 11:55	0	0	1795	78	60	0	44	0.417	0	20.28	0	720	768	0.00	0.42	20.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 12:25	25600	1700	1779	30	64	308	14	0.433	40	19.17	21.51	880	968	0.92	0.50	20.81	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 12:55	28800	1800	1809	28	66	316	13	0.433	41	19.17	21.51	880	968	1.00	0.50	21.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 13:25	30400	1900	1810	26	66	316	13	0.433	42	19.01	19.36	880	968	1.09	0.50	21.86	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 13:55	30400	1900	1788	28	66	316	13	0.433	42	19.01	21.51	880	968	1.09	0.50	22.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 14:25	35200	2200	1810	26	66	316	13	0.433	42	18.85	21.51	872	960	1.26	0.50	23.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 14:54	36800	2300	1787	26	66	316	13	0.433	42	18.85	21.51	872	960	1.31	0.48	23.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 15:24	30400	2000	1790	26	66	316	13	0.417	42	19.01	19.36	864	960	1.14	0.50	24.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 15:54	28800	1900	1787	26	66	316	12	0.433	42	19.01	21.51	864	960	1.09	0.50	24.77	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/11/2002 16:24	24000	1500	1797	26	66	316	12	0.433	41	19.17	21.51	872	960	0.84	0.50	25.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total															16.58	25.19		

Avg. Lbs/Hr Removed:	1.52 lbs/hr
Total Run Time:	16.58 hours
Est. Total Lbs. Removed:	25.19 lbs
Equiv. Total Gal. Removed:	4.02 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.

* Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller SN: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMIG00J9
 SS#: 5954
 Technician: Eric Harris
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparga
10/12/2002 12:16	0	0	1825	84	58	0	0	0	0	19.96	0	736	800	0.00	-	-	Baseline	
10/12/2002 12:46	76800	6300	1817	58	66	256	28	0.467	33	17.74	12.91	968	1088	2.83	0.50	1.41	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 13:16	81600	6100	1823	52	66	288	25	0.467	37	17.58	17.21	968	1088	3.07	0.50	2.95	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 13:46	88000	6000	1797	50	66	308	23	0.467	39	17.58	19.36	976	1096	3.18	0.50	4.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 14:16	86400	5700	1778	44	70	316	22	0.467	39	17.74	21.51	976	1096	3.02	0.50	6.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 14:46	84800	5500	1807	42	66	320	20	0.467	41	17.74	19.36	960	1072	3.07	0.50	7.58	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 15:16	78400	5100	1802	38	64	312	18	0.45	41	18.06	23.66	944	1056	2.84	0.50	9.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 15:46	73600	4800	1801	36	68	312	18	0.45	40	18.37	21.51	936	1040	2.61	0.50	10.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 16:16	65600	4300	1775	36	66	308	17	0.45	40	18.53	21.51	912	1008	2.34	0.50	11.48	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 16:46	56000	3800	1801	34	64	304	17	0.45	38	18.85	19.36	920	1016	1.96	0.50	12.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 17:16	48000	3300	1817	34	60	300	17	0.45	38	19.01	21.51	904	1008	1.71	0.50	13.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 17:46	48000	3500	1795	34	64	296	17	0.433	37	19.01	21.51	904	1000	1.76	0.50	14.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 18:16	44800	3200	1807	34	64	288	17	0.433	36	19.17	21.51	892	992	1.57	0.50	14.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 18:45	41600	3000	1785	34	60	284	17	0.433	36	19.32	21.51	896	984	1.47	0.48	15.69	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 19:15	36800	2800	1787	34	60	280	17	0.433	35	19.48	21.51	888	984	1.33	0.50	16.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 19:45	35200	2700	1793	34	64	276	17	0.433	35	19.48	21.51	880	976	1.28	0.50	17.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 20:15	36800	2700	1805	34	58	276	17	0.433	35	19.48	21.51	888	976	1.28	0.50	17.64	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/12/2002 20:45	35200	2700	1812	34	58	272	17	0.433	35	19.64	21.51	880	976	1.28	0.50	18.28	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
														Total	8.48			

Avg. Lbs/Hr Removed:	2.15 lbs/hr
Total Run Time:	8.48 hours
Est. Total Lbs. Removed:	18.28 lbs
Equiv. Total Gal. Removed:	2.92 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG0019
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp.	PostCat Temp.	Estimated lbs/hr.	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge	
10/13/2002 11:46	0	0	1796	82	60	0	0	46	0.467	0	20.75	0	728	800	0.00	-	Baseline		
10/13/2002 12:16	67200	5400	1790	50	66	288	25	0.467	32	18.37	21.51	968	1080	2.35	0.50	1.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 12:46	60800	4800	1793	46	66	292	23	0.467	33	18.69	21.51	952	1064	2.15	0.50	2.25	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 13:16	54400	4400	1806	44	62	284	22	0.45	33	18.85	21.51	936	1040	1.97	0.50	3.24	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 13:46	54400	4100	1817	40	60	292	20	0.45	35	19.01	21.51	928	1024	1.95	0.50	4.21	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 14:16	52800	4000	1820	38	60	292	18	0.45	37	19.01	21.51	920	1016	2.01	0.50	5.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 14:46	51200	3900	1809	36	60	288	18	0.45	36	19.17	21.51	904	1000	1.91	0.50	6.17	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 15:16	48000	3600	1775	36	64	284	18	0.433	35	19.32	21.51	896	992	1.71	0.50	7.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 15:46	41600	3200	1822	34	60	280	17	0.433	35	19.48	21.51	888	984	1.52	0.50	7.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 16:16	40000	3200	1805	34	58	280	17	0.433	35	19.64	23.66	880	976	1.52	0.50	8.55	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 16:46	35200	2800	1807	34	62	276	17	0.433	33	19.8	21.51	880	968	1.26	0.50	9.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 17:16	35200	2800	1788	34	60	276	17	0.433	33	19.96	21.51	880	968	1.26	0.50	9.81	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/13/2002 17:46	27200	2200	1778	34	62	264	17	0.433	31	20.12	21.51	864	952	0.93	0.50	10.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
Total																6.00	10.27		

Avg. Lbs/Hr Removed:	1.71 lbs/hr
Total Run Time:	6.00 hours
Est. Total Lbs. Removed:	10.27 lbs
Equiv. Total Gal. Removed:	1.64 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 S/S#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr*	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/14/2002 10:37	0	0	1816	82	56	0	46	0.467	0	20.75	0	736	808	0.00	-	-	Baseline	
10/14/2002 11:07	72000	6100	1788	54	66	280	27	0.467	31	18.22	19.36	976	1088	2.57	0.50	1.29	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 11:37	73600	5800	1801	48	62	284	25	0.467	33	18.37	21.51	960	1072	2.60	0.50	2.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 12:07	68800	5400	1791	46	66	288	23	0.45	34	18.53	19.36	952	1056	2.50	0.50	3.83	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 12:37	70400	5100	1781	44	66	296	21	0.45	35	18.69	19.36	944	1040	2.43	0.50	5.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 13:07	67200	4900	1795	42	62	296	20	0.45	36	18.69	21.51	936	1032	2.40	0.50	6.25	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 13:37	64000	4700	1818	38	64	296	19	0.45	37	18.85	23.66	928	1024	2.36	0.50	7.43	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 14:07	65600	4500	1804	38	62	300	18	0.45	38	18.85	19.36	920	1016	2.33	0.50	8.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 14:37	65600	4500	1785	36	66	300	18	0.45	37	18.85	21.51	920	1008	2.26	0.50	9.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 15:07	67200	4600	1809	36	64	296	17	0.433	38	18.85	21.51	904	1000	2.38	0.50	10.91	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 15:36	59200	4300	1816	34	60	296	16	0.433	39	19.01	21.51	896	992	2.28	0.48	12.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 16:06	59200	4100	1795	34	60	296	16	0.433	38	19.17	21.51	896	984	2.12	0.50	13.07	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 16:36	52800	3800	1794	32	60	292	16	0.433	37	19.32	21.51	888	976	1.91	0.50	14.03	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 17:06	52800	3800	1789	32	64	292	15	0.433	38	19.32	21.51	888	976	1.96	0.50	15.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/14/2002 17:36	48000	3300	1786	32	64	292	15	0.433	37	19.48	21.51	888	976	1.66	0.50	15.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total																15.84		

Avg. Lbs/Hr. Removed:	2.27 lbs/hr
Total Run Time:	6.98 hours
Est. Total Lbs. Removed:	15.84 lbs
Equiv. Total Gal. Removed:	2.53 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AM/G00J9
 SS#: 5954
 Technician: Enc Hanis
 Engine#: 2

Time Stamp	BTU/Hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge	
10/21/2002 13:01	0	0	1799	80	60	0	45	0.45	0	21.07	0	712	784	0.00	-	-	Baseline		
10/21/2002 13:31	30400	27500	1804	72	62	36	40	0.4	4	21.07	0	768	848	1.50	0.50	0.75	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 14:01	32000	17200	1818	70	62	36	40	0.4	5	20.91	0	760	840	1.17	0.50	1.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 14:31	32000	17600	1800	72	62	36	40	0.4	5	20.75	0	760	840	1.20	0.50	1.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 15:01	32000	7700	1793	72	62	76	39	0.4	10	20.12	0	816	896	1.05	0.50	2.45	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 15:30	105600	14100	1793	92	72	180	45	0.467	20	17.11	19.36	984	1088	3.83	0.48	4.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 16:00	105600	12700	1798	86	72	196	42	0.467	22	17.11	21.51	992	1086	3.80	0.50	6.21	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 16:30	91200	11600	1824	78	70	200	38	0.467	24	17.58	19.36	976	1104	3.79	0.50	8.10	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 17:00	84800	9400	1819	74	72	228	36	0.467	26	17.58	19.36	984	1098	3.32	0.50	9.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 17:30	78400	7600	1781	68	72	244	35	0.467	26	17.74	19.36	984	1088	2.69	0.50	11.10	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 18:00	12800	2800	1814	70	70	100	37	0.45	14	19.64	21.51	848	928	0.53	0.50	11.37	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 18:03	12800	2700	1805	70	72	96	37	0.45	14	19.64	21.51	848	936	0.51	0.05	11.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 18:17	43200	6300	1818	64	64	148	34	0.417	18	19.32	19.36	872	960	1.54	0.23	11.76	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 18:30	32000	4500	1799	64	66	148	33	0.433	19	19.48	21.51	856	952	1.16	0.22	12.01	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 18:33	30400	4400	1795	64	72	148	33	0.433	18	19.64	21.51	856	944	1.08	0.05	12.06	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 18:50	6400	2200	1805	74	68	80	40	0.45	9	20.12	21.51	824	912	0.27	0.28	12.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 18:58	76800	6500	1807	62	76	268	30	0.483	31	17.58	17.21	992	1096	2.74	0.13	12.50	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 19:00	73600	6300	1807	62	76	264	30	0.483	31	17.74	19.36	992	1104	2.66	0.03	12.59	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 19:30	76800	6000	1789	58	74	288	28	0.483	34	17.58	19.36	992	1096	2.77	0.50	13.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 20:00	72000	5400	1798	54	72	292	26	0.483	35	17.74	21.51	984	1088	2.57	0.50	15.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 20:30	65600	5000	1791	50	76	292	25	0.467	34	18.06	21.51	968	1064	2.31	0.50	16.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 21:00	59200	4500	1806	48	76	292	24	0.467	35	18.22	21.51	952	1056	2.14	0.50	17.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 21:30	57600	4400	1812	46	74	288	23	0.467	35	18.22	21.51	952	1048	2.09	0.50	18.54	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 22:00	52800	4000	1801	46	70	288	22	0.467	35	18.53	23.66	944	1040	1.90	0.50	19.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/21/2002 22:29	51200	3900	1811	44	74	284	21	0.467	35	18.69	21.51	928	1024	1.86	0.48	20.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
Total																9.47	20.39		

Avg. Lbs/Hr Removed:	2.15 lbs/hr
Total Run Time:	9.47 hours
Est. Total Lbs. Removed:	20.39 lbs
Equiv. Total Gal. Removed:	3.26 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/HR	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/22/2002 9:43	0	0	1805	86	60	0	48	0.483	0	20.75	0	744	816	0.00	-	-	Baseline	
10/22/2002 10:13	78400	7200	1815	60	64	280	30	0.483	29	18.06	17.21	976	1088	2.84	0.50	1.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 10:43	84800	6900	1806	54	64	304	27	0.483	33	18.06	21.51	992	1096	3.10	0.50	2.97	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 11:13	80000	6200	1806	52	68	308	25	0.483	34	18.22	21.51	984	1088	2.87	0.50	4.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 11:42	81600	6300	1794	48	66	308	24	0.467	34	18.37	21.51	960	1064	2.91	0.48	5.81	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 12:12	75200	5800	1805	46	66	308	23	0.467	34	18.37	21.51	960	1056	2.68	0.50	7.15	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 12:42	72000	5400	1823	44	62	312	22	0.467	35	18.53	21.51	952	1048	2.57	0.50	8.43	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 13:12	73600	5400	1807	42	66	316	20	0.467	37	18.53	21.51	952	1048	2.72	0.50	9.79	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 13:42	75200	5400	1810	38	60	316	19	0.467	38	18.69	21.51	936	1032	2.79	0.50	11.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 14:12	70400	5100	1783	40	64	316	19	0.467	37	18.69	19.36	936	1024	2.57	0.50	12.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 14:42	68800	4800	1793	38	62	316	18	0.45	38	18.85	21.51	928	1016	2.48	0.50	13.71	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 15:12	64000	4600	1800	36	64	312	18	0.45	37	19.01	19.36	920	1008	2.31	0.50	14.87	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 15:42	60800	4500	1813	36	60	312	18	0.45	36	19.01	21.51	904	1000	2.20	0.50	15.97	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 16:12	52800	4000	1802	36	64	308	18	0.45	35	19.32	21.51	904	984	1.90	0.50	16.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 16:42	49600	3800	1812	36	60	304	17	0.45	36	19.48	21.51	904	984	1.86	0.50	17.85	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 17:12	46400	3600	1790	34	64	300	18	0.45	34	19.48	21.51	888	976	1.66	0.50	18.68	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 17:42	41600	3200	1800	34	60	300	17	0.45	34	19.64	21.51	880	976	1.48	0.50	19.42	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/22/2002 18:12	36400	3000	1793	34	58	296	17	0.45	34	19.8	21.51	888	976	1.39	0.50	20.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total														1.39	8.48	20.12		

Avg. Lbs/Hr Removed:	2.37 lbs/hr
Total Run Time:	8.48 hours
Est. Total Lbs. Removed:	20.12 lbs
Equiv. Total Gal. Removed:	3.21 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller SN: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparg
10/23/2002 8:31	0	0	1811	84	54	0	48	0.483	0	20.91	0	736	808	0.00	-	-	Baseline	
10/23/2002 9:01	64000	5500	1789	52	68	292	26	0.483	30	18.53	21.51	976	1080	2.24	0.50	1.12	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 9:31	59200	4800	1811	46	62	288	23	0.467	33	18.85	21.51	944	1040	2.15	0.50	2.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 10:01	54400	4600	1788	46	64	288	22	0.467	32	19.01	21.51	936	1032	2.00	0.50	3.20	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 10:31	52800	4400	1798	44	64	284	22	0.45	32	19.17	21.51	920	1008	1.91	0.50	4.16	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 11:01	44800	3700	1792	42	60	280	21	0.45	32	19.32	21.51	896	992	1.61	0.50	4.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 11:31	40000	3300	1786	40	64	280	20	0.45	30	19.64	21.51	888	984	1.39	0.50	5.66	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 12:01	35200	2900	1797	40	58	276	20	0.45	31	19.8	21.51	888	984	1.22	0.50	6.27	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 12:31	35200	3200	1810	38	62	272	20	0.45	30	19.8	21.51	880	976	1.31	0.50	6.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 13:01	36800	3200	1785	38	62	276	20	0.45	30	19.8	21.51	888	976	1.31	0.50	7.57	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 13:31	36800	3100	1795	38	58	272	19	0.45	31	19.96	19.36	880	968	1.31	0.50	8.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 14:01	33600	3000	1817	36	60	272	18	0.45	32	19.96	21.51	872	968	1.31	0.50	8.88	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 14:31	33600	2900	1788	36	62	272	19	0.433	30	19.96	19.36	872	960	1.18	0.50	9.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 15:01	28800	2400	1790	38	60	272	19	0.433	30	19.96	21.51	872	960	0.98	0.50	9.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 15:30	28800	2500	1783	36	62	272	19	0.433	30	20.12	23.66	872	960	1.02	0.50	10.45	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 16:00	28800	2400	1790	36	58	272	18	0.433	31	20.12	19.36	872	952	1.01	0.50	10.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 16:30	30400	2700	1814	36	58	272	18	0.433	31	20.12	21.51	864	952	1.14	0.50	11.53	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 17:00	30400	2600	1805	34	62	276	18	0.433	31	20.12	21.51	864	952	1.10	0.50	12.08	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 17:30	30400	2500	1791	34	60	272	17	0.433	32	20.12	21.51	864	952	1.09	0.50	12.62	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 18:00	30400	2700	1811	36	58	268	18	0.433	31	20.12	21.51	856	944	1.14	0.50	13.19	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 18:30	32000	2600	1820	34	62	272	18	0.433	31	20.12	21.51	856	944	1.10	0.50	13.74	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 19:00	32000	2800	1797	36	58	268	18	0.433	30	20.28	21.51	848	944	1.14	0.50	14.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 19:30	32000	2800	1817	34	58	272	17	0.433	32	20.12	21.51	856	944	1.22	0.50	14.92	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 20:00	32000	2700	1796	34	62	272	17	0.433	31	20.28	21.51	848	936	1.14	0.50	15.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 20:30	32000	2700	1806	34	58	268	17	0.433	31	20.28	21.51	848	936	1.14	0.50	16.05	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 21:00	32000	2800	1796	34	62	272	17	0.433	31	20.28	21.51	848	936	1.18	0.50	16.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 21:30	32000	2700	1806	32	62	276	16	0.433	32	20.28	19.36	864	944	1.17	0.50	17.23	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 22:00	32000	2700	1789	32	62	276	16	0.433	32	20.28	21.51	864	944	1.17	0.50	17.82	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 22:29	33600	2700	1815	32	58	272	16	0.433	32	20.28	21.51	856	944	1.17	0.50	18.39	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 22:59	32000	2900	1788	34	62	268	18	0.433	29	20.28	21.51	848	936	1.14	0.50	18.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 23:29	32000	2600	1807	32	58	272	16	0.433	32	20.28	21.51	856	944	1.13	0.50	19.52	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/23/2002 23:59	33600	2700	1801	32	62	276	16	0.433	32	20.28	21.51	856	944	1.17	0.50	20.11	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
																15.47		

Avg. Lbs/Hr Removed:	1.30 lbs/hr
Total Run Time:	15.47 hours
Est. Total Lbs. Removed:	20.11 lbs
Equiv. Total Gal. Removed:	3.21 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller SN: 185
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMCG00J6
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/Hr	RPM	Air-P	Fuel-P	Well-P	Well-Vac	Man-Vac	Fuel-Flow	Well-Flow	PreCat-Temp	PostCat-Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparging
10/24/2002 0:59	33600	2800	1805	32	58	272	32	20.28	21.51	848	936	1.22	0.50	0.61	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 1:00	33600	2800	1811	32	62	268	17	0.433	32	20.28	21.51	856	936	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 1:01	33600	2800	1793	32	62	272	17	0.433	30	20.43	19.36	848	936	1.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 1:58	33600	2800	1814	32	58	272	16	0.433	32	20.43	21.51	848	936	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 2:29	33600	2800	1776	32	62	272	16	0.433	31	20.43	21.51	848	936	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 2:59	33600	2800	1802	32	58	276	16	0.433	32	20.28	21.51	848	936	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 3:29	33600	2800	1785	32	62	272	16	0.433	31	20.43	21.51	848	936	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 3:59	33600	2800	1805	32	58	272	16	0.433	31	20.43	21.51	848	936	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 4:29	33600	2800	1781	32	62	272	16	0.433	31	20.43	21.51	848	936	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 4:59	33600	2800	1810	32	58	272	16	0.433	31	20.43	19.36	848	936	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 5:28	33600	3000	1811	32	62	268	17	0.433	30	20.43	21.51	848	936	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 5:58	33600	2800	1784	32	58	268	17	0.433	30	20.43	21.51	840	936	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 6:28	33600	2800	1803	32	62	268	17	0.433	30	20.59	21.51	848	936	1.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 6:58	33600	2800	1779	32	62	268	17	0.433	28	20.59	21.51	848	936	1.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 7:28	33600	3000	1816	32	58	268	16	0.433	31	20.59	21.51	848	936	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 7:58	33600	2800	1782	32	62	272	16	0.433	30	20.59	21.51	848	928	1.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 8:28	33600	2800	1788	32	58	268	17	0.433	30	20.43	21.51	848	928	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 8:58	33600	3100	1815	32	58	264	16	0.433	30	20.43	21.51	840	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 9:28	33600	3100	1817	32	58	268	17	0.433	31	20.43	21.51	840	928	1.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 9:58	33600	3000	1817	32	58	268	16	0.433	31	20.43	19.36	840	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 10:28	33600	2800	1820	32	58	268	16	0.433	31	20.43	21.51	840	928	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 10:58	33600	3100	1813	32	58	268	17	0.433	30	20.43	21.51	840	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 11:28	33600	2900	1775	32	62	268	16	0.433	30	20.43	21.51	840	928	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 11:58	33600	3000	1803	32	62	268	17	0.433	30	20.43	21.51	840	928	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 12:27	33600	2800	1807	32	58	268	16	0.433	31	20.43	21.51	840	928	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 12:57	33600	3000	1780	32	62	268	17	0.433	30	20.43	21.51	840	928	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 13:27	35200	3100	1819	32	60	272	16	0.433	32	20.28	19.36	840	936	1.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 13:57	33600	2800	1807	32	58	272	16	0.433	32	20.28	21.51	840	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 14:27	33600	2800	1803	32	58	272	16	0.433	32	20.43	21.51	840	928	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 14:57	33600	2800	1783	32	62	268	17	0.433	30	20.43	21.51	840	928	1.14	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 15:27	35200	3100	1817	32	58	268	16	0.433	32	20.28	19.36	840	928	1.35	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 15:57	33600	2800	1781	32	58	268	15	0.433	32	20.43	19.36	840	928	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 16:27	35200	3000	1816	32	58	268	16	0.433	31	20.43	21.51	840	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 16:57	35200	3000	1812	30	58	272	16	0.433	31	20.43	21.51	840	928	1.28	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 17:27	35200	2900	1797	32	58	272	15	0.433	32	20.43	19.36	840	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 17:57	35200	3000	1780	32	64	268	16	0.433	32	20.43	21.51	840	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 18:27	33600	2800	1788	32	58	268	16	0.433	32	20.43	19.36	848	928	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 18:57	33600	2800	1808	32	58	268	16	0.433	31	20.43	21.51	840	920	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 19:28	35200	3000	1782	32	60	268	16	0.433	31	20.43	21.51	840	920	1.26	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 19:58	35200	2800	1789	32	62	272	16	0.433	31	20.43	19.36	832	928	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 20:28	35200	3000	1818	30	58	268	15	0.433	32	20.43	19.36	840	928	1.31	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 20:58	33600	2800	1780	32	60	268	16	0.433	31	20.43	21.51	840	928	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 21:28	33600	2900	1804	32	64	268	16	0.433	31	20.43	21.51	840	928	1.22	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/24/2002 21:58	33600	2800	1785	32	58	268	16	0.433	31	20.43	21.51	840	928	1.18	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total													21.45	26.28		

Avg. Lbs/Hr Removed:	1.23 lbs/hr
Total Run Time:	21.45 hours
Est. Total Lbs. Removed:	26.28 lbs
Equip. Total Gal. Removed:	4.20 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMIG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/hr	ppmV	RPM	Air P	Fuel P	Well P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/25/2002 13:53	0	0	1812	84	56	0	0	47	0.483	0	20.59	0	736	808	0.00	-	-	Baseline	
10/25/2002 14:23	52800	4700	1815	48	60	260	25	0.467	30	19.01	21.51	904	1008	1.92	0.50	0.96	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/25/2002 14:53	56000	5000	1783	46	64	264	24	0.45	30	19.17	21.51	912	1000	2.04	0.50	1.98	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
10/25/2002 15:23	54400	4500	1808	44	64	260	23	0.45	31	19.17	21.51	896	992	1.90	0.50	2.93	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5	
Total																1.50	2.93		

Avg. Lbs/Hr Removed:	1.95 lbs/hr
Total Run Time:	1.50 hours
Est. Total Lbs. Removed:	2.93 lbs
Equiv. Total Gal. Removed:	0.47 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.

* Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

Unit ID: 2203
 Controller S/N: 195
 Software version: 807
 Event Type: SE+AS
 Location: 11500 S Halsted, Chicago, IL

Project#: AMG00J9
 SS#: 5954
 Technician: Eric Hanis
 Engine#: 2

Time Stamp	BTU/hr	ppmV	RPM	Air P	Fuel P	Well P	Air Flow	Fuel Flow	Well Flow	Man Vac	Well Vac	PreCat Temp	PostCat Temp	Estimated lbs/hr	Delta Time	Cumulative Lbs. Removed	Well No.	Air Sparge
10/27/2002 14:24	0	0	1812	86	56	0	47	0.483	0	20.43	0	736	808	0.00	-	-	Baseline	
10/27/2002 14:54	89600	10900	1818	74	64	232	36	0.5	24	17.74	12.91	984	1096	3.56	0.50	1.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 15:24	96000	9500	1803	68	64	264	35	0.483	26	17.74	17.21	984	1096	3.36	0.50	3.46	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 15:54	89600	8100	1801	64	64	276	32	0.483	28	17.9	21.51	976	1096	3.08	0.50	5.00	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 16:23	80000	7100	1816	60	64	280	29	0.483	30	18.22	19.36	960	1072	2.90	0.48	6.40	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 16:53	70400	6700	1820	54	62	272	28	0.467	29	18.69	19.36	952	1056	2.64	0.50	7.72	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 17:23	65600	5700	1791	52	60	272	26	0.467	29	18.85	19.36	936	1040	2.25	0.50	8.84	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 17:53	57600	5100	1784	48	64	276	25	0.467	29	19.01	19.36	920	1024	2.01	0.50	9.85	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 18:23	51200	4700	1817	46	64	272	24	0.45	29	19.32	21.51	912	1008	1.85	0.50	10.78	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 18:53	46400	4200	1816	44	58	268	22	0.45	30	19.48	21.51	896	992	1.71	0.50	11.63	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 19:23	46400	4100	1782	44	62	272	22	0.45	30	19.48	21.51	888	984	1.67	0.50	12.47	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 19:53	44800	4200	1801	42	64	272	21	0.45	30	19.64	21.51	888	984	1.71	0.50	13.33	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 20:23	38400	3500	1801	42	64	272	21	0.45	30	19.64	21.51	880	976	1.43	0.50	14.04	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 20:53	40000	3400	1793	40	58	272	21	0.45	30	19.8	19.36	880	968	1.39	0.50	14.73	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
10/27/2002 21:23	40000	3600	1814	40	58	272	20	0.45	31	19.8	21.51	872	968	1.52	0.50	15.49	RW-1, RW-2, V-8, V-9	7 scfm ea. On S-3, S-5
Total																6.98		

Avg. Lbs/Hr Removed:	2.22 lbs/hr
Total Run Time:	6.98 hours
Est. Total Lbs. Removed:	15.49 lbs
Equiv. Total Gal. Removed:	2.47 gal

* Last value for a ICE run is assumed to equal the prior value since data was collected at shutdown and value would calculate to be 0.
 * Data in bold, italics has been averaged from surrounding data point due to erroneous readings.

October 31, 2002

Mr. Bob Thomson
BP_Amoco-Illinois
c/o Delta Environmental
17500 Liberty Lane Ste. A
New Berlin, WI 53146

RE: Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

Dear Mr. Thomson:

Enclosed are the analytical results for sample(s) received by the laboratory on October 23, 2002. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report please feel free to contact me.

Sincerely,



Carolynne Trout
Carolynne.Trout@pacelabs.com
Project Manager

State of Minnesota laboratory 027-053-137

Enclosures



Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

***ALL QC IS NOT COMPLETE FOR QC SAMPLE(S):
ESN 103975835 BATCH 81108



REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

Lab Sample No: 103966719 Project Sample Number: 1064349-001 Date Collected: 10/21/02 14:30
Client Sample ID: OW-4 IL Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/25/02 07:49	MJD	71-43-2		
Toluene	1.9	ug/l	1.0	10/25/02 07:49	MJD	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/25/02 07:49	MJD	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/25/02 07:49	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	124	%		10/25/02 07:49	MJD	98-08-8		

Lab Sample No: 103966727 Project Sample Number: 1064349-002 Date Collected: 10/21/02 14:00
Client Sample ID: OW-6 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	16.	ug/l	1.0	10/25/02 07:20	MJD	71-43-2		
Toluene	8.9	ug/l	1.0	10/25/02 07:20	MJD	108-88-3		
Ethylbenzene	6.7	ug/l	1.0	10/25/02 07:20	MJD	100-41-4		
Xylene (Total)	22.	ug/l	3.0	10/25/02 07:20	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	108	%		10/25/02 07:20	MJD	98-08-8		

Lab Sample No: 103966735 Project Sample Number: 1064349-003 Date Collected: 10/21/02 13:30
Client Sample ID: OW-5 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/25/02 08:19	MJD	71-43-2		
Toluene	ND	ug/l	1.0	10/25/02 08:19	MJD	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/25/02 08:19	MJD	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/25/02 08:19	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	125	%		10/25/02 08:19	MJD	98-08-8		

Date: 10/31/02

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REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

Lab Sample No: 103966743 Project Sample Number: 1064349-004 Date Collected: 10/21/02 13:00
Client Sample ID: OW-9 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
GC Volatiles								
Gasoline Components by GC	Method: EPA 8021							
Benzene	4.2	ug/l	1.0	10/25/02 08:48	MJD	71-43-2		
Toluene	15.	ug/l	1.0	10/25/02 08:48	MJD	108-88-3		
Ethylbenzene	8.1	ug/l	1.0	10/25/02 08:48	MJD	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/25/02 08:48	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	139	%		10/25/02 08:48	MJD	98-08-8		

Lab Sample No: 103966750 Project Sample Number: 1064349-005 Date Collected: 10/21/02 16:10
Client Sample ID: OW-8 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
GC Volatiles								
Gasoline Components by GC	Method: EPA 8021							
Benzene	ND	ug/l	1.0	10/25/02 02:54	MJD	71-43-2		
Toluene	ND	ug/l	1.0	10/25/02 02:54	MJD	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/25/02 02:54	MJD	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/25/02 02:54	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	111	%		10/25/02 02:54	MJD	98-08-8		

Lab Sample No: 103966768 Project Sample Number: 1064349-006 Date Collected: 10/21/02 15:30
Client Sample ID: OW-7 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	ReqLmt
GC Volatiles								
Gasoline Components by GC	Method: EPA 8021							
Benzene	50.	ug/l	1.0	10/25/02 09:18	MJD	71-43-2		
Toluene	3.3	ug/l	1.0	10/25/02 09:18	MJD	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/25/02 09:18	MJD	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/25/02 09:18	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	138	%		10/25/02 09:18	MJD	98-08-8		



REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

Lab Sample No: 103966776 Project Sample Number: 1064349-007 Date Collected: 10/21/02 16:00
Client Sample ID: OW-3 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/25/02 09:47	MJD	71-43-2		
Toluene	ND	ug/l	1.0	10/25/02 09:47	MJD	108-88-3		
Ethylbenzene	170	ug/l	1.0	10/25/02 09:47	MJD	100-41-4		
Xylene (Total)	270	ug/l	3.0	10/25/02 09:47	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	427	%		10/25/02 09:47	MJD	98-08-8		1

Lab Sample No: 103966784 Project Sample Number: 1064349-008 Date Collected: 10/21/02 16:30
Client Sample ID: OW-2 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	5.5	ug/l	1.0	10/25/02 10:17	MJD	71-43-2		
Toluene	1.3	ug/l	1.0	10/25/02 10:17	MJD	108-88-3		
Ethylbenzene	1.6	ug/l	1.0	10/25/02 10:17	MJD	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/25/02 10:17	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	119	%		10/25/02 10:17	MJD	98-08-8		

Lab Sample No: 103966792 Project Sample Number: 1064349-009 Date Collected: 10/21/02 16:45
Client Sample ID: OW-1 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/26/02 04:16	JPH1	71-43-2		
Toluene	ND	ug/l	1.0	10/26/02 04:16	JPH1	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/26/02 04:16	JPH1	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/26/02 04:16	JPH1	1330-20-7		
a,a,a-Trifluorotoluene (S)	97	%		10/26/02 04:16	JPH1	98-08-8		

Date: 10/31/02

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REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 1064349
Client Project ID: PROJ#AMGO-0J9 SS#5954

Lab Sample No: 103966800 Project Sample Number: 1064349-010 Date Collected: 10/21/02 17:30
Client Sample ID: OW-11 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/26/02 04:47	JPH1	71-43-2		
Toluene	ND	ug/l	1.0	10/26/02 04:47	JPH1	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/26/02 04:47	JPH1	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/26/02 04:47	JPH1	1330-20-7		
a,a,a-Trifluorotoluene (S)	105	%		10/26/02 04:47	JPH1	98-08-8		

Lab Sample No: 103966818 Project Sample Number: 1064349-011 Date Collected: 10/21/02 17:00
Client Sample ID: OW-10 Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/26/02 05:18	JPH1	71-43-2		
Toluene	ND	ug/l	1.0	10/26/02 05:18	JPH1	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/26/02 05:18	JPH1	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/26/02 05:18	JPH1	1330-20-7		
a,a,a-Trifluorotoluene (S)	100	%		10/26/02 05:18	JPH1	98-08-8		

Lab Sample No: 103966826 Project Sample Number: 1064349-012 Date Collected: 10/21/02 00:00
Client Sample ID: DUPLICATE Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	10.	10/26/02 05:49	JPH1	71-43-2		
Toluene	ND	ug/l	10.	10/26/02 05:49	JPH1	108-88-3		
Ethylbenzene	ND	ug/l	10.	10/26/02 05:49	JPH1	100-41-4		
Xylene (Total)	ND	ug/l	30.	10/26/02 05:49	JPH1	1330-20-7		
a,a,a-Trifluorotoluene (S)	106	%		10/26/02 05:49	JPH1	98-08-8		



REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

Lab Sample No: 103966834 Project Sample Number: 1064349-013 Date Collected: 10/21/02 00:00
Client Sample ID: TRIP Matrix: Water Date Received: 10/23/02 10:30

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/26/02 06:20	JPH1	71-43-2		
Toluene	ND	ug/l	1.0	10/26/02 06:20	JPH1	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/26/02 06:20	JPH1	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/26/02 06:20	JPH1	1330-20-7		
a,a,a-Trifluorotoluene (S)	103	%		10/26/02 06:20	JPH1	98-08-8		

Date: 10/31/02

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Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit
NC Not Calculable
J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL Adjusted Method Detection Limit
(S) Surrogate
[1] The surrogate recovery was outside QC acceptance limits due to matrix interference.

Date: 10/31/02

Page: 6 of 9



REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 1064349

Client Project ID: PROJ#AMG0-0J9 SS#5954

QC Batch: 81051 Analysis Method: EPA 8021
QC Batch Method: EPA 8015 Analysis Description: Gasoline Components by GC
Associated Lab Samples: 103966719 103966727 103966735 103966743 103966750
 103966768 103966776 103966784

METHOD BLANK: 103971032
Associated Lab Samples: 103966719 103966727 103966735 103966743 103966750 103966768 103966776
 103966784

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Benzene	ug/l	ND	1.0	
Ethylbenzene	ug/l	ND	1.0	
Toluene	ug/l	ND	1.0	
Xylene (Total)	ug/l	ND	3.0	
a,a,a-Trifluorotoluene (S)	%	110		

LABORATORY CONTROL SAMPLE & LCSD: 103971040 103971057

Parameter	Units	Spike	LCS	LCSD	LCS	LCSD	RPD	Footnotes
		Conc.	Result	Result	% Rec	% Rec		
Benzene	ug/l	100.00	102.9	104.5	103	104	2	
Ethylbenzene	ug/l	100.00	96.99	99.43	97	99	2	
Toluene	ug/l	100.00	103.2	105.3	103	105	2	
Xylene (Total)	ug/l	300.00	303.8	310.9	101	104	2	
a,a,a-Trifluorotoluene (S)					106	104		



REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

QC Batch: 81108 Analysis Method: EPA 8021
QC Batch Method: EPA 8015 Analysis Description: Gasoline Components by GC
Associated Lab Samples: 103966792 103966800 103966818 103966826 103966834

METHOD BLANK: 103974994
Associated Lab Samples: 103966792 103966800 103966818 103966826 103966834

<u>Parameter</u>	<u>Units</u>	<u>Blank Result</u>	<u>Reporting Limit</u>	<u>Footnotes</u>
Benzene	ug/l	ND	1.0	
Ethylbenzene	ug/l	ND	1.0	
Toluene	ug/l	ND	1.0	
Xylene (Total)	ug/l	ND	3.0	
a,a,a-Trifluorotoluene (S)	%	99		

LABORATORY CONTROL SAMPLE & LCSD: 103975009 103975017

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCSD Result</u>	<u>LCS % Rec</u>	<u>LCSD % Rec</u>	<u>RPD</u>	<u>Footnotes</u>
Benzene	ug/l	100.00	99.16	97.72	99	98	1	
Ethylbenzene	ug/l	100.00	99.13	97.80	99	98	1	
Toluene	ug/l	100.00	99.42	98.58	99	99	1	
Xylene (Total)	ug/l	300.00	290.5	287.1	97	96	1	
a,a,a-Trifluorotoluene (S)					107	107		



REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 1064349
Client Project ID: PROJ#AMG0-0J9 SS#5954

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

- LCS(D) Laboratory Control Sample (Duplicate)
- MS(D) Matrix Spike (Duplicate)
- DUP Sample Duplicate
- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit
- RPD Relative Percent Difference
- (S) Surrogate

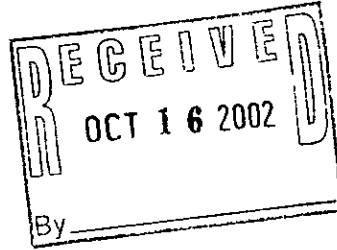


REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444



October 10, 2002

Mr. Bob Thomson
BP_Amoco-Illinois
c/o Delta Environmental
17500 Liberty Lane Ste. A
New Berlin, WI 53146

RE: Lab Project Number: 1063487
Client Project ID: PROJ#AMG0-0J9 SS#5954

Dear Mr. Thomson:

Enclosed are the analytical results for sample(s) received by the laboratory on October 3, 2002. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Carolynne Trout
Carolynne.Trout@pacelabs.com
Project Manager

State of Minnesota laboratory 027-053-137

Enclosures

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 1063487
Client Project ID: PROJ#AMGO-0J9 SS#5954

Lab Sample No: 103908786 Project Sample Number: 1063487-001 Date Collected: 09/24/02 17:00
Client Sample ID: OW-4 Matrix: Water Date Received: 10/03/02 08:40

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	70.	ug/l	1.0	10/05/02 05:52	MJD	71-43-2		
Toluene	3.2	ug/l	1.0	10/05/02 05:52	MJD	108-88-3		
Ethylbenzene	1.6	ug/l	1.0	10/05/02 05:52	MJD	100-41-4		
Xylene (Total)	6.9	ug/l	3.0	10/05/02 05:52	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	136	%		10/05/02 05:52	MJD	98-08-8		

Lab Sample No: 103908794 Project Sample Number: 1063487-002 Date Collected: 09/24/02 00:00
Client Sample ID: TRIP Matrix: Water Date Received: 10/03/02 08:40

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC Volatiles								
Gasoline Components by GC		Method: EPA 8021						
Benzene	ND	ug/l	1.0	10/05/02 02:27	MJD	71-43-2		
Toluene	ND	ug/l	1.0	10/05/02 02:27	MJD	108-88-3		
Ethylbenzene	ND	ug/l	1.0	10/05/02 02:27	MJD	100-41-4		
Xylene (Total)	ND	ug/l	3.0	10/05/02 02:27	MJD	1330-20-7		
a,a,a-Trifluorotoluene (S)	120	%		10/05/02 02:27	MJD	98-08-8		

REPORT OF LABORATORY ANALYSIS

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PARAMETER FOOTNOTES

- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit
- (S) Surrogate

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 1063487

Client Project ID: PROJ#AMG0-0J9 SS#5954

QC Batch: 79934 Analysis Method: EPA 8021
QC Batch Method: EPA 8015 Analysis Description: Gasoline Components by GC
Associated Lab Samples: 103908786 103908794

METHOD BLANK: 103908562
Associated Lab Samples: 103908786 103908794

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Benzene	ug/l	ND	1.0	
Ethylbenzene	ug/l	ND	1.0	
Toluene	ug/l	ND	1.0	
Xylene (Total)	ug/l	ND	3.0	
a.a.a-Trifluorotoluene (S)	%	108		

LABORATORY CONTROL SAMPLE & LCSD: 103908570 103908588

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	RPD	Footnotes
Benzene	ug/l	100.00	103.8	105.4	104	105	1	
Ethylbenzene	ug/l	100.00	103.4	105.1	103	105	2	
Toluene	ug/l	100.00	109.4	111.2	109	111	2	
Xylene (Total)	ug/l	300.00	325.6	329.7	109	110	1	
a.a.a-Trifluorotoluene (S)					116	116		

SAMPLE DUPLICATE: 103918462

Parameter	Units	103905683 Result	DUP Result	RPD	Footnotes
Benzene	ug/l	ND	ND	NC	
Toluene	ug/l	ND	ND	NC	
Ethylbenzene	ug/l	ND	ND	NC	
Xylene (Total)	ug/l	ND	ND	NC	
a.a.a-Trifluorotoluene (S)	%	121	122		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

- LCS(D) Laboratory Control Sample (Duplicate)
- MS(D) Matrix Spike (Duplicate)
- DUP Sample Duplicate
- ND Not detected at or above adjusted reporting limit
- NC Not Calculable
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
- MDL Adjusted Method Detection Limit
- RPD Relative Percent Difference
- (S) Surrogate

REPORT OF LABORATORY ANALYSIS

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Chain of Custody Record

Illinois
RETAIL

Project Name SS# 5954
 BP BU/GEM CO Portfolio:
 BP Laboratory Contract Number:

Date: 9/24/2002

Requested Due Date (mm/dd/yy)

On-site Time: Temp:
 Off-site Time: Temp:
 Sky Conditions:
 Meteorological Events:
 Wind Speed: Direction:

Send To: BP/GEM Facility No.: SS# 5954
 Lab Name: Pace Analytical Services, Inc.
 Lab Address: 1700 Elm Street, Suite 200
 Minneapolis, MN 55414

Lab PM: Carolynne Trout
 Tele/Fax: (612)607-6351 / 6444

Report Type & QC Level: None

BP/GEM Account No.:

Lab Bottle Order No.:

BP/GEM Facility Address: 11500 S. Halsted, Chicago, IL

Site ID No.:

Site Lat/Long: N/A

California Global ID #: N/A

BP/GEM PM Contact: Harold Primack

Address: 801 Warrenville Rd., Suite 800
 Lisle, IL 60532

Tele/Fax: (630)434-6171

Consultant/Contractor: Delta Environmental Consultants
 Address: 17500 West Liberty Lane
 New Berlin, WI 53146

e-mail EDD: rthomson@deltaenv.com

Consultant/Contractor Project No.: AMG0-019

Consultant/Contractor Tele/Fax: (262)827-4805 / 789-5483

Consultant/Contractor PM: Robert Thomson

Invoice to: Consultant

BP/GEM Work Release No.: None

Item No.	Sample Description	Time	Matrix			Laboratory No.	No. of containers	Preservatives				Requested Analysis				Sample Point Lat/Long and Comments				
			Soil/Solid	Water/Liquid	Sediments			Air	Unpreserved	H ₂ SO ₄	HCl	Methanol	BTEX 8021	BTEX/TPH	EPA 8260		EPA 8270			
1	OW-4	17:00	X				5													
2	Trip		X				1													
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Sampler's Name: Eric Hanis

Relinquished By / Affiliation: Eric Hanis

Sampler's Company: DELTA

Shipment Date: 10/2/02

Shipment Method: UPS

Shipment Tracking No.: 1Z85V9700141609976

Special Instructions:

Accepted By / Affiliation: [Signature]

Date: 10/1/02

Time: 15:00

Temperature Blank Yes: No

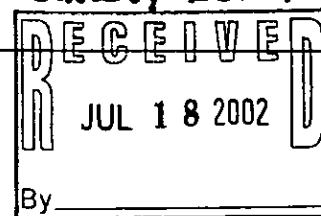
Temperature on Receipt: 50 F/C

Cooler Temperature on Receipt: 50 F/C

Trip Blank Yes: No

Date: 10/1/02

Time: 8:40



ANALYTICAL REPORT

Mr. Robert Thomson
DELTA ENV. CONSULTANTS INC
17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109

07/10/2002

Job No: 02.06157

Page 1 of 20

The following samples were received by TestAmerica for analysis:is:

Sample Number	Sample Description	Date Taken	Date Received
487849	OW-1 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487850	OW-2 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487851	OW-3 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487852	OW-5 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487853	OW-6 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487854	OW-7 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487855	OW-8 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487856	OW-9 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487857	OW-10 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487858	OW-11 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487859	RW-1 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487860	RW-2 AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487861	Duplicate AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487862	Trip Blank AMGO-OJ9 Halsted	06/27/2002	06/30/2002
487863	VAN Out AMGO-OJ9 Halsted	06/27/2002	06/30/2002

Brian D. DeJong
Organic Operations Manager

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
E = TCLP extraction outside of method required temperature range
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits
* = See Case Narrative

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that WDNR certification is not required for the work performed):

Lab Code	Certification Number
008	WDNR - 999766900
009	WDNR - 241293690
060	ILNELAC - 100221; WDNR - 999447130
070	IA - 007; MDH - 019-999-319; WDNR - 999917270
130	WDNR - 632021390
147	WDNR - 721026460
300	FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430
400	WDNR - 113133790
510	WDNR - 241249360
700	WDNR - 113289110

TestAmerica Watertown WDNR ID: 128053530; IDNR ID: 294; MDH ID: 055-999-366

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Robert Thomson
DELTA ENV. CONSULTANTS INC
17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109

07/10/2002
Job No: 02.06157
Sample No: 487849
Account No: 22701
Page 3 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: OW-1 AMGO-OJ9 Halsted
11500 Halsted; Chicago, IL
Rec'd on ice

Date/Time Taken: 06/27/2002 09:30

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date	Prep/Run	
						Analyzed	Analyst	Batch
PVOC - AQUEOUS								
Benzene	<0.13	ug/L	0.13	0.44	SW 8020	07/08/2002	pju	8743
Ethylbenzene	<0.22	ug/L	0.22	0.70	SW 8020	07/08/2002	pju	8743
Toluene	<0.20	ug/L	0.20	0.64	SW 8020	07/08/2002	pju	8743
Xylenes, Total	<0.23	ug/L	0.23	0.82	SW 8020	07/08/2002	pju	8743
Surr: Bromofluorobenzene	106.0	†		80-	SW 8020	07/08/2002	pju	8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487850
 Account No: 22701
 Page 4 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-2 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 10:00

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	Batch
PVOC - AQUEOUS	X								
Benzene	130	ug/L	0.13	0.44	SW 8020	07/08/2002	pju		8743
Ethylbenzene	160	ug/L	0.22	0.70	SW 8020	07/08/2002	pju		8743
Toluene	M <0.24	ug/L	0.20	0.64	SW 8020	07/08/2002	pju		8743
Xylenes, Total	2.5	ug/L	0.23	0.82	SW 8020	07/08/2002	pju		8743
Surr: Bromofluorobenzene	107.0	%		80-	SW 8020	07/08/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487851
 Account No: 22701
 Page 5 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-3 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 10:30

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS	X								
Benzene	590	ug/L	0.13	0.44	SW 8020	07/09/2002	pju		8743
Ethylbenzene	450	ug/L	0.22	0.70	SW 8020	07/09/2002	pju		8743
Toluene	4.4	ug/L	0.20	0.64	SW 8020	07/09/2002	pju		8743
Xylenes, Total	280	ug/L	0.23	0.82	SW 8020	07/09/2002	pju		8743
Surr: Bromofluorobenzene	105.0	%		80-	SW 8020	07/09/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
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07/10/2002
 Job No: 02.06157
 Sample No: 487852
 Account No: 22701
 Page 6 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-5 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 11:00

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS	X								
Benzene	10	ug/L	0.13	0.44	SW 8020	07/08/2002	pju		8743
Ethylbenzene	1.4	ug/L	0.22	0.70	SW 8020	07/08/2002	pju		8743
Toluene	0.39	ug/L	0.20	0.64	SW 8020	07/08/2002	pju		8743
Xylenes, Total	3.0	ug/L	0.23	0.82	SW 8020	07/08/2002	pju		8743
Surr: Bromofluorobenzene	107.0	%		80-	SW 8020	07/08/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487853
 Account No: 22701
 Page 7 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-6 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 11:15

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS	X								
Benzene	190	ug/L	0.13	0.44	SW 8020	07/09/2002	pju		8743
Ethylbenzene	78	ug/L	0.22	0.70	SW 8020	07/09/2002	pju		8743
Toluene	0.72	ug/L	0.20	0.64	SW 8020	07/09/2002	pju		8743
Xylenes, Total	140	ug/L	0.23	0.82	SW 8020	07/09/2002	pju		8743
Surr: Bromofluorobenzene	104.0	%		80-	SW 8020	07/09/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487854
 Account No: 22701
 Page 8 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-7 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 10:30

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
PVOC - AQUEOUS								
Benzene	17	ug/L	0.13	0.44	SW 8020	07/09/2002	pju	8743
Ethylbenzene	0.38	ug/L	0.22	0.70	SW 8020	07/09/2002	pju	8743
Toluene	0.59	ug/L	0.20	0.64	SW 8020	07/09/2002	pju	8743
Xylenes, Total	0.74	ug/L	0.23	0.82	SW 8020	07/09/2002	pju	8743
Surr: Bromofluorobenzene	97.5	µ		80-	SW 8020	07/09/2002	pju	8743

ANALYTICAL REPORT

Mr. Robert Thomson
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 17500 W. Liberty Lane
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07/10/2002
 Job No: 02.06157
 Sample No: 487855
 Account No: 22701
 Page 9 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-8 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 10:10

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS									
Benzene	<0.13	ug/L	0.13	0.44	SW 8020	07/08/2002	pju		8743
Ethylbenzene	<0.22	ug/L	0.22	0.70	SW 8020	07/08/2002	pju		8743
Toluene	<0.20	ug/L	0.20	0.64	SW 8020	07/08/2002	pju		8743
Xylenes, Total	<0.23	ug/L	0.23	0.82	SW 8020	07/08/2002	pju		8743
Surr: Bromofluorobenzene	106.0	%		80-	SW 8020	07/08/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
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 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487856
 Account No: 22701
 Page 10 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-9 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 10:40

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS	X								
Benzene	20	ug/L	0.13	0.44	SW 8020	07/09/2002	pju		8743
Ethylbenzene	35	ug/L	0.22	0.70	SW 8020	07/09/2002	pju		8743
Toluene	<0.20	ug/L	0.20	0.64	SW 8020	07/09/2002	pju		8743
Xylenes, Total	46	ug/L	0.23	0.82	SW 8020	07/09/2002	pju		8743
Surr: Bromofluorobenzene	112.0	µ		80-	SW 8020	07/09/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487857
 Account No: 22701
 Page 11 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-10 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 11:15

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
PVOC - AQUEOUS								
Benzene	<0.13	ug/L	0.13	0.44	SW 8020	07/08/2002	pju	8743
Ethylbenzene	<0.22	ug/L	0.22	0.70	SW 8020	07/08/2002	pju	8743
Toluene	<0.20	ug/L	0.20	0.64	SW 8020	07/08/2002	pju	8743
Xylenes, Total	<0.23	ug/L	0.23	0.82	SW 8020	07/08/2002	pju	8743
Surr: Bromofluorobenzene	105.0	μ		80-	SW 8020	07/08/2002	pju	8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487858
 Account No: 22701
 Page 12 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: OW-11 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 09:35 Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
PVOC - AQUEOUS								
Benzene	<0.13	ug/L	0.13	0.44	SW 8020	07/08/2002	pju	8743
Ethylbenzene	<0.22	ug/L	0.22	0.70	SW 8020	07/08/2002	pju	8743
Toluene	<0.20	ug/L	0.20	0.64	SW 8020	07/08/2002	pju	8743
Xylenes, Total	<0.23	ug/L	0.23	0.82	SW 8020	07/08/2002	pju	8743
Surr: Bromofluorobenzene	106.5	%		80-	SW 8020	07/08/2002	pju	8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487859
 Account No: 22701
 Page 13 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: RW-1 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 12:15

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS	X								
Benzene	29	ug/L	0.13	0.44	SW 8020	07/09/2002	pju		8743
Ethylbenzene	1.8	ug/L	0.22	0.70	SW 8020	07/09/2002	pju		8743
Toluene	5.2	ug/L	0.20	0.64	SW 8020	07/09/2002	pju		8743
Xylenes, Total	5.5	ug/L	0.23	0.82	SW 8020	07/09/2002	pju		8743
Surr: Bromofluorobenzene	95.5	†		80-	SW 8020	07/09/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487860
 Account No: 22701
 Page 14 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: RW-2 AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 13:15

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS	X								
Benzene	140	ug/L	0.13	0.44	SW 8020	07/09/2002	pju		8743
Ethylbenzene	35	ug/L	0.22	0.70	SW 8020	07/09/2002	pju		8743
Toluene	0.88	ug/L	0.20	0.64	SW 8020	07/09/2002	pju		8743
Xylenes, Total	11	ug/L	0.23	0.82	SW 8020	07/09/2002	pju		8743
Surr: Bromofluorobenzene	106.0	†		80-	SW 8020	07/09/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487861
 Account No: 22701
 Page 15 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Duplicate AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 UNKNOWN Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS	X								
Benzene	8.0	ug/L	0.13	0.44	SW 8020	07/09/2002	pju		8743
Ethylbenzene	1.3	ug/L	0.22	0.70	SW 8020	07/09/2002	pju		8743
Toluene	<0.40	ug/L	0.20	0.64	SW 8020	07/09/2002	pju		8743
Xylenes, Total	3.0	ug/L	0.23	0.82	SW 8020	07/09/2002	pju		8743
Surr: Bromofluorobenzene	89.5	%		80-	SW 8020	07/09/2002	pju		8743

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487862
 Account No: 22701
 Page 16 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Trip Blank AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 UNKNOWN

Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run	
						Analyzed	Analyst	Batch	
PVOC - AQUEOUS									
Benzene	<0.13	ug/L	0.13	0.44	SW 8020	07/09/2002	eml		8751
Ethylbenzene	<0.22	ug/L	0.22	0.70	SW 8020	07/09/2002	eml		8751
Toluene	<0.20	ug/L	0.20	0.64	SW 8020	07/09/2002	eml		8751
Xylenes, Total	<0.23	ug/L	0.23	0.82	SW 8020	07/09/2002	eml		8751
Surr: Bromofluorobenzene	94.5	%		80-	SW 8020	07/09/2002	eml		8751

ANALYTICAL REPORT

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002
 Job No: 02.06157
 Sample No: 487863
 Account No: 22701
 Page 17 of 20

JOB DESCRIPTION: AMGO-OJ9 Halsted Amoco 5954
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: VAN Out AMGO-OJ9 Halsted
 11500 Halsted; Chicago, IL
 Rec'd on ice

Date/Time Taken: 06/27/2002 UNKNOWN Date Received: 06/30/2002

Parameter	Results	Units	MDL	LOQ	Method	Date		Prep/Run
						Analyzed	Analyst	Batch
PVOC - AQUEOUS								
Benzene	<0.13	ug/L	0.13	0.44	SW 8020	07/09/2002	pju	8750
Ethylbenzene	<0.22	ug/L	0.22	0.70	SW 8020	07/09/2002	pju	8743
Toluene	<0.20	ug/L	0.20	0.64	SW 8020	07/09/2002	pju	8743
Xylenes, Total	0.33	ug/L	0.23	0.82	SW 8020	07/09/2002	pju	8743
Surr: Bromofluorobenzene	106.5	%		80-	SW 8020	07/09/2002	pju	8743

QUALITY CONTROL REPORT CONTINUING CALIBRATION VERIFICATION

07/10/2002

Mr. Robert Thomson
DELTA ENV. CONSULTANTS INC
17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109

Job No: 02.06157
Account No: 22701

Page 18 of 20

Job Description: AMGO-OJ9 Halsted Amoco 5954

Parameter	Run Batch	True Value	Observed Value	Percent Recovery	Control Limits
PVOC - AQUEOUS					
Benzene	8743	20.0	20.4	102.0	85 - 115
Ethylbenzene	8743	20.0	21.0	105.0	85 - 115
Toluene	8743	20.0	20.6	103.0	85 - 115
Xylenes, Total	8743	60.0	63.0	105.0	85 - 115
Surr: Bromofluorobenzene	8743	20.0	21.0	105.0	80 -
PVOC - AQUEOUS					
Benzene	8750	20.0	21.2	106.0	85 - 115
PVOC - AQUEOUS					
Benzene	8751	20.0	20.3	101.5	85 - 115
Ethylbenzene	8751	20.0	20.2	101.0	85 - 115
Toluene	8751	20.0	20.5	102.5	85 - 115
Xylenes, Total	8751	60.0	61.9	103.2	85 - 115
Surr: Bromofluorobenzene	8751	20.0	19.5	97.5	80 -

QUALITY CONTROL REPORT BLANKS

Mr. Robert Thomson
DELTA ENV. CONSULTANTS INC
17500 W. Liberty Lane
Suite A
New Berlin, WI 53146-2109

07/10/2002

Job No: 02.06157
Account No: 22701

Page 19 of 20

Job Description: AMGO-OJ9 Halsted Amoco 5954

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
PVOC - AQUEOUS						
Benzene		8743	<0.13	0.13	0.44	ug/L
Ethylbenzene		8743	<0.22	0.22	0.70	ug/L
Toluene		8743	<0.20	0.20	0.64	ug/L
Xylenes, Total		8743	<0.23	0.23	0.82	ug/L
Surr: Bromofluorobenzene		8743	106.0		80-	%
PVOC - AQUEOUS						
Benzene		8750	<0.13	0.13	0.44	ug/L
PVOC - AQUEOUS						
Benzene		8751	<0.13	0.13	0.44	ug/L
Ethylbenzene		8751	<0.22	0.22	0.70	ug/L
Toluene		8751	<0.20	0.20	0.64	ug/L
Xylenes, Total		8751	<0.23	0.23	0.82	ug/L
Surr: Bromofluorobenzene		8751	92.5		80-	%

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT LABORATORY CONTROL STANDARD

Mr. Robert Thomson
 DELTA ENV. CONSULTANTS INC
 17500 W. Liberty Lane
 Suite A
 New Berlin, WI 53146-2109

07/10/2002

Job No: 02.06157
 Account No: 22701

Page 20 of 20

Job Description: AMGO-OJ9 Halsted Amoco 5954

Analyte	Prep	Run	LCS Amount	Units	LCS Result	LCSD Result	LCS	LCSD	Relative Control Limits	Relative Percent Difference
	Batch Number	Batch Number					Percent Recovery	Percent Recovery		
PVOC - AQUEOUS										
Benzene		8743	20.0	ug/L	20.4	21.2	102.0	106.0	80 - 120	3.8
Ethylbenzene		8743	20.0	ug/L	21.0	21.6	105.0	108.0	80 - 120	2.8
Toluene		8743	20.0	ug/L	20.6	21.3	103.0	106.5	80 - 120	3.3
Xylenes, Total		8743	60.0	ug/L	63.0	65.2	105.0	108.7	80 - 120	3.4
Surr: Bromofluorobenzene		8743	20.0	ug/L	21.0	21.9	105.0	109.5	80 - 120	4.2
PVOC - AQUEOUS										
Benzene		8750	20.0	ug/L	21.2	21.0	106.0	105.0	80 - 120	0.9
PVOC - AQUEOUS										
Benzene		8751	20.0	ug/L	20.3	22.1	101.5	110.5	80 - 120	8.5
Ethylbenzene		8751	20.0	ug/L	20.2	21.1	101.0	105.5	80 - 120	4.4
Toluene		8751	20.0	ug/L	20.5	21.7	102.5	108.5	80 - 120	5.7
Xylenes, Total		8751	60.0	ug/L	61.9	65.3	103.2	108.8	80 - 120	5.3
Surr: Bromofluorobenzene		8751	20.0	ug/L	19.5	18.6	97.5	93.0	80 - 120	4.7



Chain of Custody Record

Project Name Halsted Amoco Illinois
 BP BU/GEM CO Portfolio: Retail
 BP Laboratory Contract Number: _____

Date: 6/27/2002 Requested Due Date (mm/dd/yy) July 11, 2002

02.06.137

On-site Time: Temp: 70
 Off-site Time: Temp: 85
 Sky Conditions: clear
 Meteorological Events: none
 Wind Speed: 0-5 Direction: _____

Send To:
 Lab Name: Test America Inc.
 Lab Address: 602 Commerce Drive
Watertown, WI 53094
 Lab PM: Warren Topel
 Tele/Fax: 920-261-1660 / 8120
 Report Type & QC Level: None
 BP/GEM Account No.: _____
 Lab Bottle Order No.: _____

BP/GEM Facility No.: 5954
BP/GEM Facility Address: 11500 Halsted, Chicago, IL
Site ID No.: _____
Site Lat/Long: N/A
California Global ID #: N/A
BP/GEM PM Contact: Harold Primack
Address: 801 Warrenville Road
Lisle, IL 60532
Tele/Fax: 630-434-6171 / 6254

Consultant/Contractor: Delta Environmental Consultants
Address: 17500 West Liberty Lane, Suite A
New Berlin, WI 53146
e-mail EDD: rthomson@deltainv.com
Consultant/Contractor Project No.: AMG0-019
Consultant/Contractor Tele/Fax: 262-827-4805 / 789-5483
Consultant/Contractor PM: Robert Thomson
Invoice to: Consultant/Contractor
BP/GEM Work Release No.: None

Item No.	Sample Description	Time	Matrix			Laboratory No.	No. of containers	Preservatives				Requested Analysis			Sample Point Lat/Long and Comments	
			Soil / Solid	Water / Liquid	Sediments			Air	Unpreserved	H ₂ SO ₄	HNO ₃	HCl				
1	OW-1	930		X			3									
2	OW-2	1000		X			3									
3	OW-3	1030		X			3									
4	OW-5	1100		X			3									
5	OW-6	1115		X			3									
6	OW-7	1030		X			3									
7	OW-8	1010		X			3									
8	OW-9	1040		X			3									
9	OW-10	1115		X			3									
10	OW-11	935		X			3									

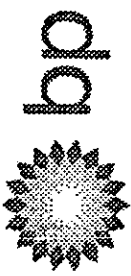
Relinquished By / Affiliation: [Signature]
Relinquished By / Affiliation: [Signature]
Sampler's Name: Patrick Allenstein
Sampler's Company: Delta
Shipment Date: 6/28 / Delta
Shipment Method: Lab Courier
Shipment Tracking No.: N/A
Special Instructions: None
None

Accepted By / Affiliation: [Signature]
Date: 6/28 **Time:** 10:05
Date: 6/30 **Time:** 11:45

Custody Seals In Place Yes No **Temperature Blank Yes** No **Cooler Temperature on Receipt** 0 **F/C** 9 **Trip Blank Yes** No

Distribution: Laboratory / BP/GEM / Consultant/Contractor

7.7.11.21



Chain of Custody Record

Project Name: **Halsted Amoco** ILLINOIS
 BP BU/GEM CO Portfolio: **RETAIL**
 BP Laboratory Contract Number: **400-6-21124**
 Requested Due Date (mm/dd/yy): **July 11, 2002**

Date: **6/27/2002**

On-site Time: _____ Temp: _____
 Off-site Time: _____ Temp: _____
 Sky Conditions: _____
 Meteorological Events: _____
 Wind Speed: _____ Direction: _____

Send To: BP/GEM Facility No.: 5954
 Lab Name: Test America Inc.
 Lab Address: 602 Commerce Drive
 Watertown, WI 53094

Lab PM: Warren Topel
 Tele/Fax: 920-261-1660 / 8120

Report Type & QC Level: None

BP/GEM Account No.: 0

Lab Bottle Order No.: _____

BP/GEM Facility Address: 11500 Halsted, Chicago, IL
 Site ID No: 0
 Site Lat/Long: N/A
 California Global ID #: N/A
 BP/GEM PM Contact: Harold Primack
 Address: 801 Warrenville Road
 Lisle, IL 60532
 Tele/Fax: 630-434-6171 / 6254

Consultant/Contractor: Delta Environmental Consultants
 Address: 17500 West Liberty Lane, Suite A
 New Berlin, WI 53146
 e-mail EDD: rthomson@deltainv.com
 Consultant/Contractor Project No.: AMC0-019
 Consultant/Contractor Tele/Fax: 262-827-4805 / 789-5483
 Consultant/Contractor PM: Robert Thomson
 Invoice to: Consultant/Contractor or BP/GEM (Circle one)
 BP/GEM Work Release No: None

Item No.	Sample Description	Time	Matrix			Laboratory No.	Preservatives				Requested Analysis			Sample Point Lat/Long and Comments
			Soil/Solid	Water/Liquid	Sediments		Air	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	BTEX 8020		
11	RW-1	1215	x											
12	RW-2	1315	x											
13	DUPLICATE		x											
14	TRIP BLANK		x											
15	VAN OUT		x											
16														
17														
18														
19														
20														

Sampler's Name: Patrick Allenstein
Sampler's Company: Delta
Shipment Date: 6/28/02
Shipment Method: Lab Courier
Shipment Tracking No.: _____
Special Instructions: None

Requisitioned By / Affiliation: [Signature]
Date: 6/28/02
Time: 1000

Accepted By / Affiliation: [Signature]
Date: 6/28/02
Time: 1400

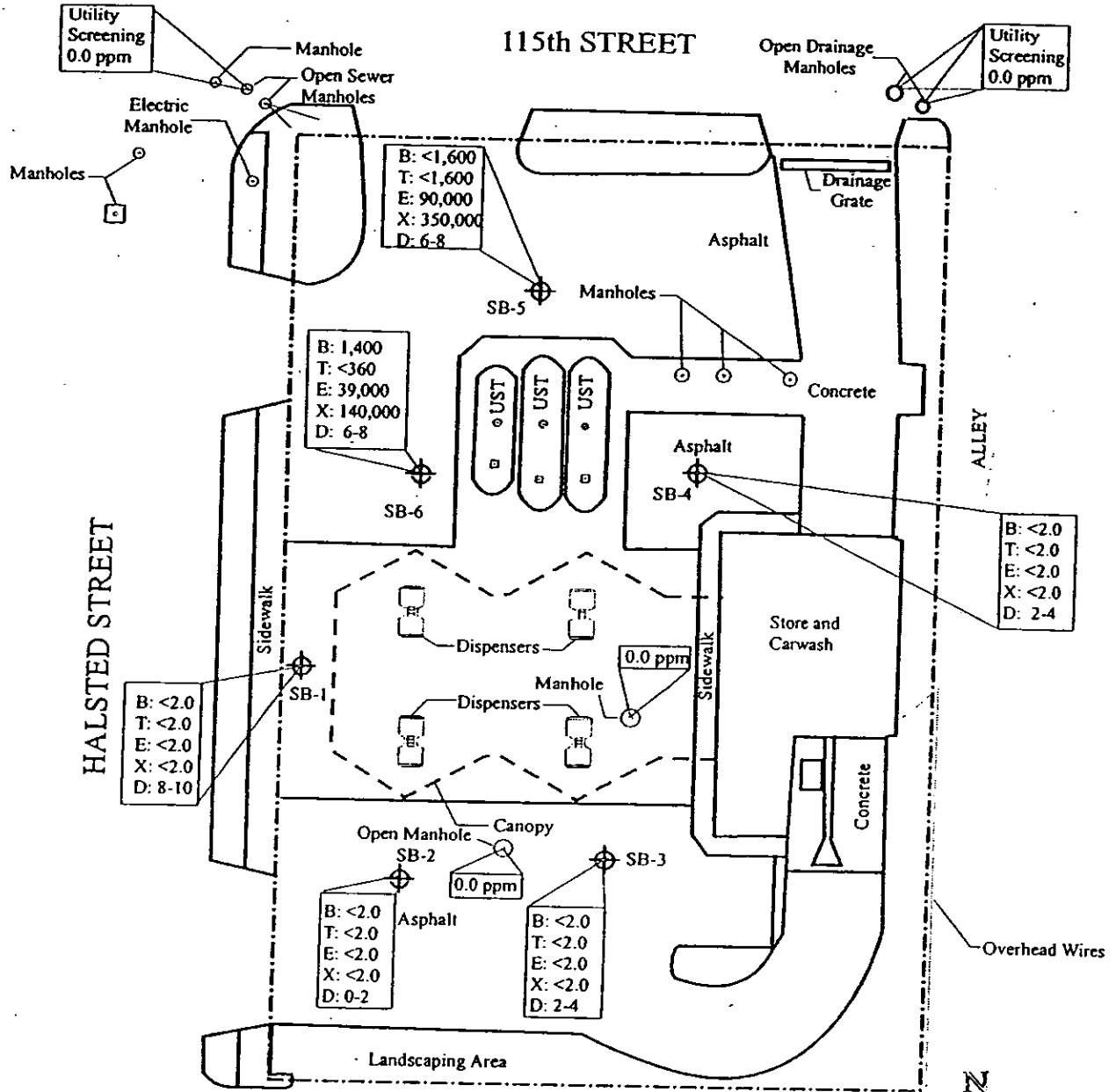
Date: 6/30/02
Time: 1030

Date: 6/30/02
Time: 1145

Custody Seals In Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt °F/C Trip Blank Yes No

Distribution: Laboratory / BP/GEM / Consultant/Contractor

BP COC Rev. 1 2/5/02



LEGEND



DISPENSER ISLAND



UNDERGROUND STORAGE TANK



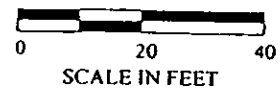
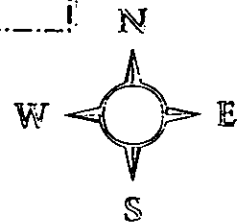
BORING LOCATION

BTEX

BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
ALL RESULTS IN MICROGRAMS PER KILOGRAM (ug/kg)

D:

DEPTH OF SAMPLE



DRAWN BY: WEC

DATE: 01/21/99

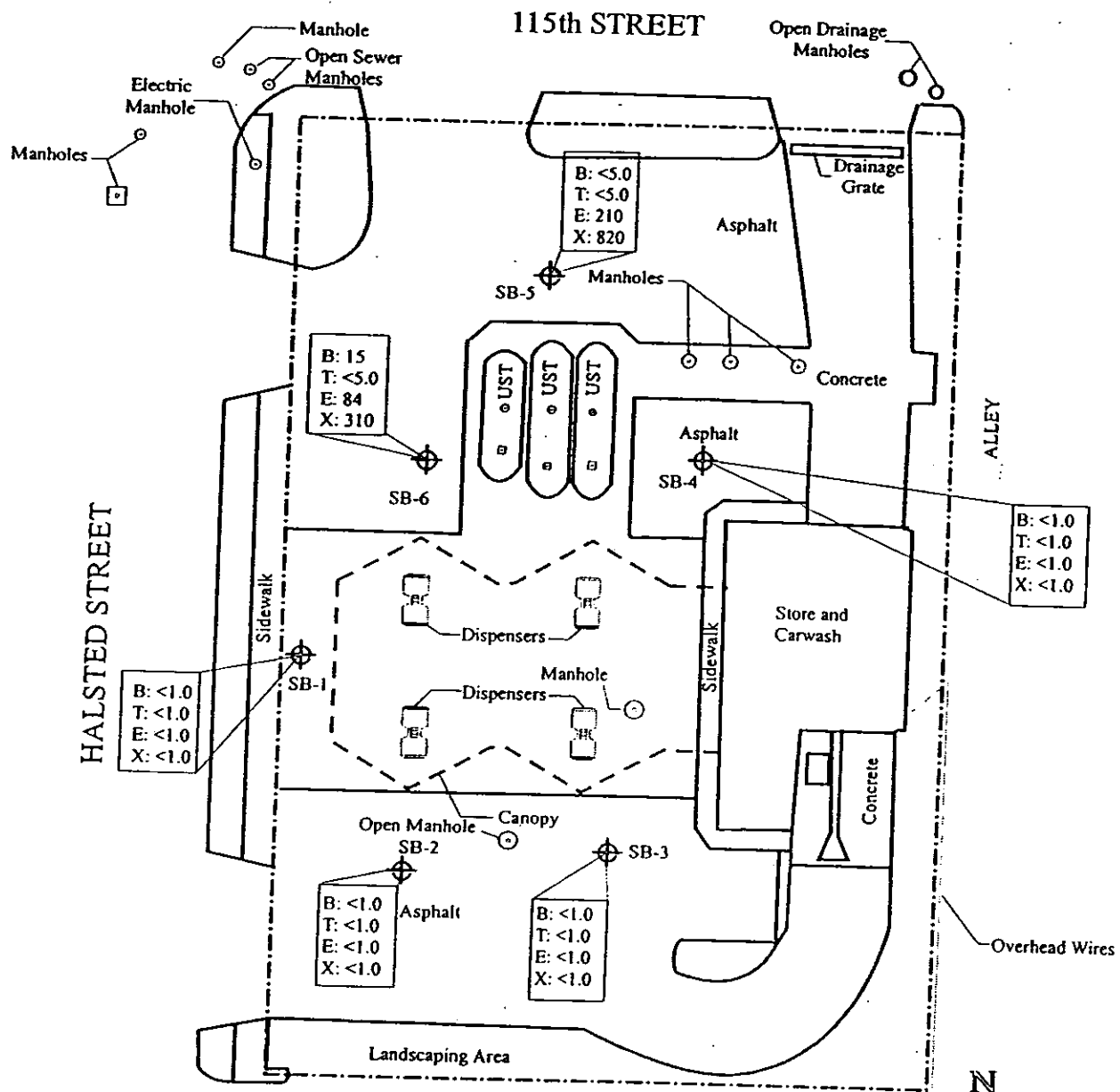
Project No:
198-004-040

Figure 3
Site Map with Utility
Screening and Soil
Analytical Results
1/21/99




Shell Service Station
WIC# 212-1545-5003
11501 Halsted Street
Chicago, IL



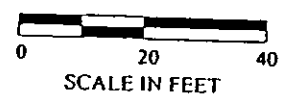
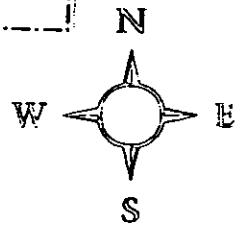
ERS of Illinois, Inc.
2023 Granard Rd.
Sugar Grove, IL
Ph. (630) 556-4360



LEGEND

-  DISPENSER ISLAND
-  UNDERGROUND STORAGE TANK
-  BORING LOCATION

BTEX BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
ALL RESULTS IN MICROGRAMS PER LITER (ug/L)



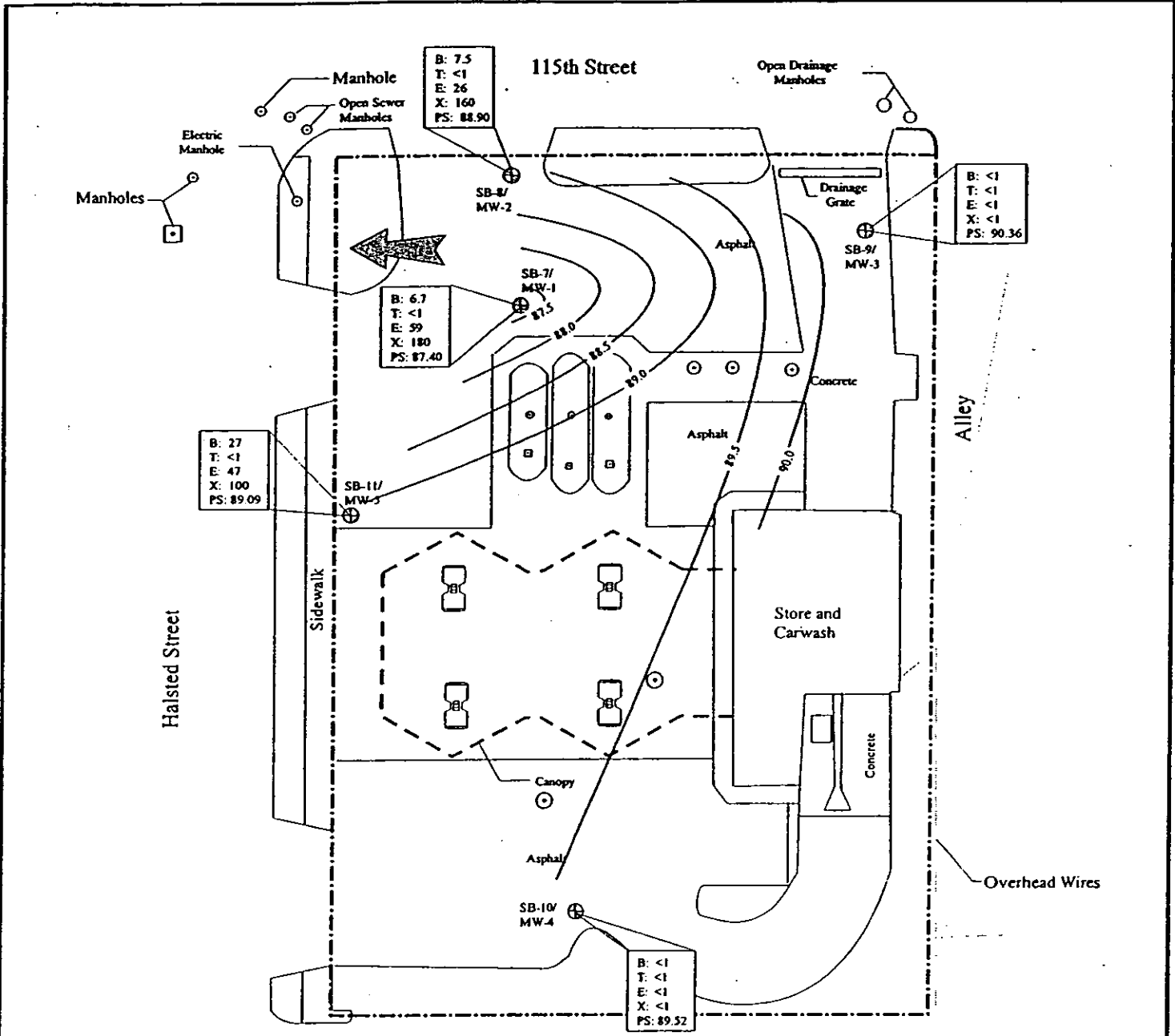
DRAWN BY: WEC
DATE: 01/21/99
Project No:
198-004-040

Figure 4
Site Map and
Groundwater
Analytical Results
1/21/99

Shell Service Station
WIC# 212-1545-5003
11501 Halsted Street
Chicago, IL

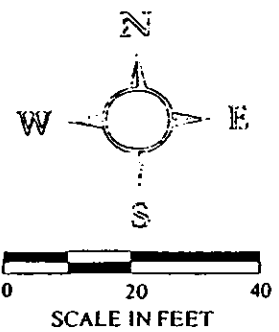


ERS of Illinois, Inc.
2023 Granart Rd.
Sugar Grove, IL
Ph. (630) 556-4360



Legend

- Dispenser Island
- Underground Storage Tank
- Manhole
- Monitoring Well
- BTEX**
Benzene, Toluene, Ethylbenzene, and Total Xylenes
All results presented in micrograms per liter (ug/L)
- PS:**
Potentiometric Surface Elevation
- Potentiometric Surface Contours = 0.5 feet
- Apparent Groundwater Flow Direction



DRAWN BY: WEC
 DATE: 01/21/99
 Project No:
 I98-004-040

Figure 4
 Site Map with
 Groundwater Analytical
 Results and Potentiometric
 Surface Contours (11/30/99)

Shell Service Station
 WIC# 212-1545-5003
 11501 Halsted Street
 Chicago, Illinois

ERS of Illinois, Inc.
 2023 Granart Rd.
 Sugar Grove, IL
 Ph. (630) 556-4360



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/524-9140

JUL 13 2000

CERTIFIED MAIL

0012 5644 0457

Equilon Enterprises, LLC
Attn: Lisa Schoedel
603 Diehl Road, Suite 103
Naperville, Illinois 60563

Re: LPC #0316495058 – Cook County
Chicago/ Shell Service Station / WIC# 212-1545-5003
11501 Halsted Street
Incident #990250
LUST Technical File

RELEASABLE

AUG 08 2000

Dear Ms. Schoedel:

REVIEWER MD

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the Corrective Action Completion Report (report) submitted pursuant to 35 Illinois Administrative Code (IAC) Section 732.300(b). The report, dated May 10, 2000, was received by the Illinois EPA May 12, 2000, and was prepared by ERS of Illinois, Inc.

Pursuant to 35 IAC Section 732.503(b), the Illinois EPA is notifying the owner or operator that the report is rejected for the reason(s) described below:

1. The extent of soil and groundwater contamination to the north of the site must be defined. The Agency has no evidence which shows that the former gas station to the north of the site had a petroleum leak. The Agency will not request that the extent of contamination to the west of Halsted street be determined since a open incident is located at the petroleum station to the immediate west of incident #990250 with soil contamination at the east property line.
2. The values obtained for the R26 equation cannot be accepted since the extent of soil contamination to the north has not been defined.
3. The Tier II number obtained for the inhalation exposure route was 1.179 mg/kg using clay as the substrate. The value submitted in the report of 8.392 mg/kg cannot be reproduced by the Agency. Based on this, the inhalation pathway cannot be excluded at this time. The geology used for the inhalation Tier II number was clay, the actual site geology, based on the boring logs, appears to be sand. The Tier II number obtained by the Agency using sand as the substrate was 1.680 mg/kg.

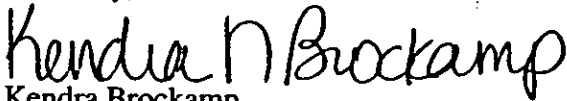
Page 2

4. The concentration of benzene in boring SB-11 and ethyl benzene in boring SB-5 exceed their construction worker inhalation remediation objectives. Based on this, the site will be required to use a construction worker caution statement for the site. This statement will appear in the no further remediation letter when such a letter is issued.
5. The highway authority agreement (HAA) within the report failed to contain the adequate signatures, therefore the HAA is deemed incomplete at this time. Please note, the HAA must incorporate both Halsted Street and 115th Street.

Within 35 days after the date of mailing of this final decision, the owner or operator may petition for a hearing before the Illinois Pollution Control Board (Board) to contest the decision of the Illinois EPA. (For information regarding the filing of an appeal, please contact the Board at 312/814-3620.) However, the 35-day period for petitioning for a hearing may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the owner or operator and the Illinois EPA within the 35-day initial appeal period. (For information regarding the filing of an extension, please contact the Illinois EPA's Division of Legal Counsel at 217/782-5544.)

If you have any questions or need further assistance, please contact the Illinois EPA project manager, James R. Malcom III, at 217/524-9140.

Sincerely,



Kendra Brockamp

Unit Manager

Leaking Underground Storage Tank Section

Division of Remediation Management

Bureau of Land

KB:JM

cc: ERS of Illinois, Inc.
Division File

bcc: Kendra Brockamp
James Malcom

FOIA 5954

LUST TECHNICAL REVIEW NOTES

Reviewed by: James R. Malcom
Date Reviewed: June 13, 2000

Re: LPC# 0316495058- Cook County
Chicago/ Shell Station 212-1545-5003
11501 Halsted Street
LUST Incident No. 990250
LUST Technical File

Document(s) Reviewed:

HPCACR-- May 12, 2000

General Site Information:

IEMA -- February 5, 1999
Size & Product of Tanks: (2) 10,000 gallon (1) 8,000 gallon Gasoline
UST System Removed: No
Encountered Groundwater: Yes
Free Product (Y/N): No
Current/Past Land Use: Residential
Reimbursement (Y/N/unknown): Yes
OSFM Facility #

RELEASABLE

JUL 13 2000

REVIEWER MD

REVIEW COMMENTS

The site has benzene, ethylbenzene and total xylene contamination which exceeds the migration-to-groundwater exposure route as well as benzene contamination which exceeds the inhalation exposure route. Sample SB-5 has ethyl benzene contamination which exceeds the construction worker inhalation exposure route. Sample SB-11 has benzene contamination which exceeds the construction worker inhalation exposure route. The CACR proposes to use the GW ordinance held by the city of Chicago to address the migration-to-groundwater exposure route as well as the groundwater contamination in wells 1,2 and 5. A tier II number was obtained for the site to address the inhalation exposure route on-site. The number obtained was 8.392 mg/kg. The highest benzene concentration was 3.5 mg/kg at a depth of 6-8 feet. A HAA will be used to address the inhalation exposure pathway off-site as boring #5 is at the western property boundary. The Tier II number obtained by the PM for clay is 1.179 and for sand 1.680. Based on this the concentration of benzene at the site exceeds the Tier II number. The geology used by the site for the Tier II number was clay, based on the soil borings the geology is sand.

SITE NOTES

UST's have passed a tightness test on September 25, 1997. Incident 923184 is located directly west of the site, the Amoco station has confirmed soil contamination along the east property line. A former gas station is located to the north of the site. Based on these observations it is presented that the extent of soil contamination to the west and north need not be defined.

PROJECT MANAGER'S DECISION

Must define the extent of contamination to the north, a complete HAA must be submitted for review, the site will need a construction worker caution statement, the geology for the site is sand, the inhalation equation used clay, must have the width of contamination in order to complete the R26 equation and the soil migration to groundwater equation, the Tier II number obtained for the inhalation exposure route was incorrect. The groundwater flow is to the west and the groundwater flow on the adjacent Amoco site is to the east therefore they are contaminating each other.

DIVISION FILE HISTORY

See Attached notes.

LUST TECHNICAL REVIEW NOTES

Reviewed by: James R. Malcom
Date Reviewed: February 3, 2000

Re: LPC# 0316495058- Cook
Chicago/ Shell Station 212-1545-5003
11501 Halsted Street
LUST Incident No. 990250
LUST Technical File

Document(s) Reviewed:

SCCOM -- January 20, 2000

General Site Information:

IEMA date(s): February 5, 1999
Size & Product of Tanks: (2) 10,000 gallon (1) 8,000 gallon gasoline
UST System Removed: No
Encountered Groundwater: Yes
Free Product (Y/N): No
Current/Past Land Use: Residential
Reimbursement (Y/N/unknown): Yes
OSFM Fac. ID#

Review Note Comments:

A site assessment was performed on January 21, 1999 which included six soil borings were converted to temporary monitoring wells. Soil and groundwater analysis confirmed benzene contamination on-site. The borings five and six showed benzene, ethyl benzene and xylene contamination above the migration - to- groundwater, and inhalation/ingestion remediation objectives. Groundwater was encountered from eight to 10 feet on site. Monitoring well six had a benzene concentration of .015 mg/L. The UST's passed a tank tightness test on September 25, 1997.

The SCWP used Exposure Pathway Exclusion to classify the site. The plan proposed seven soil investigative borings with the borings converted to wells if groundwater is encountered.

The SCCOM report is classifying the site as "High Priority" based on soil and groundwater contamination at the Northern and Eastern property boundary lines. On May 6, 1999 five soil borings and five monitoring wells were implemented on-site with soil and groundwater samples submitted for BTEX analysis. An in-situ slug test was performed on well #4 with a hydraulic conductivity of 2.14×10^{-4} obtained. Soil samples results show SB-8(1.00 mg/kg benzene), SB-6 (1.40 mg/kg benzene), SB-11 (3.50 mg/kg benzene), and SB-7 (1.0mg/kg benzene, 57.0mg/kg ethyl benzene, 250.00mg/kg Xylene). The following monitoring wells showed benzene contamination: MW#2 (.0075 mg/L benzene), MW#1 (.0067 mg/L benzene), and MW #5 (.027 mg/L benzene).

RELEASABLE
Reviewer MD Date 02-04-2000

SITE NOTES

The site will use the Chicago water use restriction ordinance for the contaminated groundwater on-site as well as the soil contamination. An asphalt engineer barrier is proposed to address the ingestion/inhalation exposure pathways on-site. A Highway-Authority-Agreement is proposed if contamination is found to exist within a roadway adjacent to the site. A value determined using R26 was proposed. The source width has not been determined at this time and the organic carbon content has not been determined therefore the R26 value is not relevant.

Recommendations

Approve site classification.

SITE FILE HISTORY

IEMA -- November 30, 1989

20 Day -- February 10, 1999

45 Day -- February 26, 1999

Agency Letter (denying 45 day report) -- March 8, 1999

45 day amendment -- May 10, 1999

SCWP -- May 10, 1999

Response Letter (SCWP not selected for review) -- May 17, 1999

Letter Received (OSFM Eligibility Determination) -- July 13, 1999

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 LUST Incident No: 923184
 Soil/Well ID No: OW-2

Concentration at the source (Cs)= g/cm³water or mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm
 Transverse dispersivity Ay= cm
 Vertical dispersivity Az= cm
 Specific discharge U= cm/day
 Sw/(4*SQRT(Ay*X)) B=
 Sd/(2*SQRT(Az*X)) C=
 Error function erf(B)= To determine error function values,
 Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual erf(B)= Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	219.089023	46.38620485
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.013741622	0.061744754
erf(x)=	1	1

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 LUST Incident No: 923184
 Sol/Well ID No: OW-6

Concentration at the source (Cs)= 1.60E-02 g/cm³water or mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= 13 ft = 396.24 cm

First order degradation constant (lambda)= 0.0009 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= 5.11E-05 cm/sec = 4.41504 cm/day

Hydraulic gradient (i)= 0.0200 cm/cm

Total soil porosity (theta T)= 0.32 cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= 160 ft = 4876.8 cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= 7 ft = 199.949 cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= 39.624 cm
 Transverse dispersivity Ay= 13.208 cm
 Vertical dispersivity Az= 1.9812 cm
 Specific discharge U= 0.27594 cm/day
 Sw/(4*SQRT(Ay*X)) B= 16.853002
 Sd/(2*SQRT(Az*X)) C= 3.5681696
 Error function erf(B)= 1 To determine error function values,
 Error function erf(C)= 0.9999995 see F46 & K46 in the linear interpolation section.

Actual B value= 16.853002 Actual C value= 3.5681696

Automatic calculations : Actual erf(B) 1 Actual erf(C)= 0.9999995

Solutions

Cx
 5.02E-03 mg/l

Csource
 0.00 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	16.8530018	3.568169604
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.15335322	0.461063083
erf(x)=	1	0.999999543

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 LUST Incident No: 923184
 Soil/Well ID No: OW-7

Concentration at the source (Cs)= g/cm³w/g/cm³w or mg/L/mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm

Transverse dispersivity Ay= cm

Vertical dispersivity Az= cm

Specific discharge U= cm/day

Sw/(4*SQRT(Ay*X)) B=

Sd/(2*SQRT(Az*X)) C=

Error function erf(B)= To determine error function values,

Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value=

Actual C value=

Automatic calculations : Actual erf(B)

Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	7.82460796	1.656650173
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.280640945	0.648212551
erf(x)=	1	0.98086333

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 LUST Incident No: 923184
 Soil Well ID No: R-1

Concentration at the source (Cs)= g/cm³water or mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm

Transverse dispersivity Ay= cm

Vertical dispersivity Az= cm

Specific discharge U= cm/day

Sw/(4*SQRT(Ay*X)) B=

Sd/(2*SQRT(Az*X)) C=

Error function erf(B)= To determine error function values,

Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value=

Actual C value=

Automatic calculations : Actual erf(B)

Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	10.4328106	2.208866897
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.225362344	0.580179287
erf(x)=	1	0.998214605

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 LUST Incident No: 923184
 Soil/Well ID No: R-2

Concentration at the source (Cs)= g/cm³water or mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm

Transverse dispersivity Ay= cm

Vertical dispersivity Az= cm

Specific discharge U= cm/day

Sw/(4*SQRT(Ay*X)) B=

Sd/(2*SQRT(Az*X)) C=

Error function erf(B)= To determine error function values,

Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual erf(B) Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	5.09509356	1.07874895
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.374657099	0.738886106
erf(x)=	1	0.872885807

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 UST Incident No: 923184
 Soil/Well ID No: P-2

Concentration at the source (Cs)= g/cm³water or mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm
 Transverse dispersivity Ay= cm
 Vertical dispersivity Az= cm
 Specific discharge U= cm/day
 Sw/(4*SQRT(Ay*X)) B=
 Sd/(2*SQRT(Az*X)) C=
 Error function erf(B)= To determine error function values,
 Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual erf(B)= Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	4.21325044	0.892042401
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.420128641	0.773858951
erf(x)=	0.999999997	0.792884951

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 EUST Incident No: 923184
 Soil/Well ID No: P-3

Concentration at the source (Cs)= g/cm³w/g/cm³w or mg/L/mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm

Transverse dispersivity Ay= cm

Vertical dispersivity Az= cm

Specific discharge U= cm/day

Sw/(4*SQRT(Ay*X)) B=

Sd/(2*SQRT(Az*X)) C=

Error function erf(B)= To determine error function values,

Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual erf(B) Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	2.96066247	0.626840606
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.507643415	0.829636333
erf(x)=	0.9999717	0.624644635

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway:	Groundwater Ingestion
Receptor:	Residential
Site Location:	Amoco Service Station No. 5954 11500 South Halsted Street Chicago, Cook County, Illinois
LUST Incident No:	923184
Soil/Well ID No:	P-5

Concentration at the source (Cs)= g/cm³water or mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
Gravel=0.25
Sand=0.32
Silt=0.40
Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm

Transverse dispersivity Ay= cm

Vertical dispersivity Az= cm

Specific discharge U= cm/day

Sw/(4*SQRT(Ay*X)) B=

Sd/(2*SQRT(Az*X)) C=

Error function erf(B)= To determine error function values,

Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value=

Actual C value=

Automatic calculations : Actual erf(B)

Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	18.2574186	3.86551707
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.143246613	0.441246099
erf(x)=	1	0.999999954

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 LUST Incident No: 923134
 Soil/Well ID No: P-6

Concentration at the source (Cs)= 5.20E-03 g/cm³water or mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= 1 ft = 30.48 cm

First order degradation constant (lambda)= 0.0009 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= 5.11E-05 cm/sec = 4.41504 cm/day

Hydraulic gradient (i)= 0.0200 cm/cm

Total soil porosity (theta T)= 0.32 cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= 160 ft = 4876.8 cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= 7 ft = 199.949 cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= 3.048 cm

Transverse dispersivity Ay= 1.016 cm

Vertical dispersivity Az= 0.1524 cm

Specific discharge U= 0.27594 cm/day

Sw/(4*SQRT(Ay*X)) B= 219.08902

Sd/(2*SQRT(Az*X)) C= 46.386205

Error function erf(B)= 1 To determine error function values,
 Error function erf(C)= 1 see F46 & K46 in the linear interpolation section.

Actual B value= 219.08902 Actual C value= 46.386205

Automatic calculations : Actual erf(B)= 1 Actual erf(C)= 1

Solutions

Cx
 4.71E-03 mg/l

Csource
 0.00 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	219.089023	46.38620485
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.013741622	0.061744754
erf(x)=	1	1

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Residential
 Site Location: Amoco Service Station No. 5954
 11500 South Halsted Street
 Chicago, Cook County, Illinois
 LUST Incident No: 923184
 Soil/Well ID No: P-7

Concentration at the source (Cs)= g/cm³w/g/cm³w or mg/L/mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day If benzene, lambda=0.0009/day.

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm

Transverse dispersivity Ay= cm

Vertical dispersivity Az= cm

Specific discharge U= cm/day

Sw/(4*SQRT(Ay*X)) B=

Sd/(2*SQRT(Az*X)) C=

Error function erf(B)= To determine error function values,
 Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual erf(B)= Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	43.8178046	9.277240969
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.284496736	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.453152027	-1.453152027
a5=	1.061405429	1.061405429
t=	0.065128239	0.247577358
erf(x)=	1	1

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 -57.17). Failure to disclose this information may result in a civil penalty of not to exceed \$50,000.00 for the violation and an additional civil penalty of not to exceed \$10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation in any label, manifest, record, permit, or licenses, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Professional Engineer Certification

A. Site Identification

IEMA Incident # (6 digit): 923184 IEPA Generator # (10 digit): 0316545010

Site Name: Amoco Service Station No. 5954

Site Address (Not a P.O. Box): 11500 South Halsted Street

City: Chicago County: Cook Zip Code 60628

B. Certification

The release from the Underground Storage Tank System(s) identified by the above referenced incident number at the above referenced site has been remediated in accordance with 35 Ill. Adm. Code, Part 731 or 732 and other applicable rules and regulations. The remedial activities are described in the Corrective Action Completion Report dated May 31, 2002. The remediation has achieved the clean-up objectives set forth by the Agency in:

35 Ill. Adm. Code Part 742 X

Site Specific Cleanup Objectives approved by the Agency in the letter dated _____

Other (specify) _____

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DEC 02 2002
IEPA/BOL

I certify under penalty of law that the Corrective Action Completion Report, supporting documents and all attachment were prepared under my direction or supervision or were reviewed by me. To the best of my knowledge and belief, the attached Corrective Action Completion Report, supporting documents and all attachments are true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of the fine and imprisonment for knowing violations.

Professional Engineer

Name: Kurt McClung
Firm: Delta Environmental Consultants, Inc
Address: 17500 West Liberty Lane, Suite A
New Berlin, WI 53146
Phone: 262-827-4806
ILL Registration No.: 062-054740
License Expiration Date: November 30, 2003
Signature: *Kurt McClung*
Date: 11/26/02

P.E. Seal



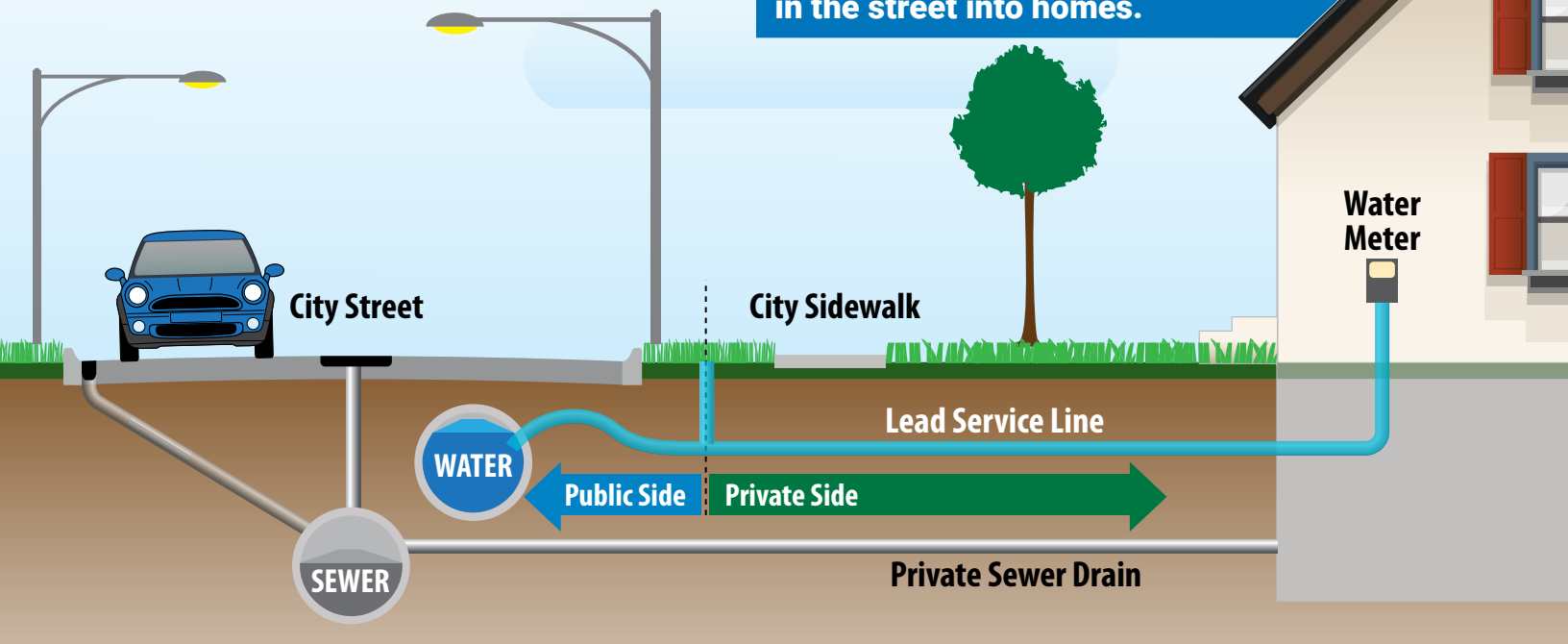
Learn about Chicago's Lead Service Line Replacement Programs

If you live in a house or two-flat built before 1986, there is a high likelihood that your water service line is made of lead unless it was replaced during renovation or an addition.

Although it will be a multi-year effort to remove all Chicago's lead lines, the City is offering several lead service line replacement programs.

Explore the programs on Page 2-3.

Service lines are the pipes that transport water from the water main in the street into homes.



Chicago Lead Service Line Replacement (LSLR)

Equity LSLR

This program provides free LSLR and new water meters for income-qualified homeowners.

Requirements

- Live in a single family or two-flat home that you own.
- Priority will be given to residents whose water tests above 15 ppb lead.
- Have a household income below 80% of the area median income (see table below for 2022 limits).

Household Size (people)	80% Area Median Income (AMI)
1	\$58,350
2	\$66,700
3	\$75,050
4	\$83,350
5	\$90,050
6	\$96,700

Income Limits (April 2022) for the Equity Program

To Apply

- Submit application documenting household income and home ownership to see if you qualify at chicagowaterquality.org/LSLREquity
- Get your water tested for free by calling 311 or signing up at chicagowaterquality.org.

Questions?

- Email: lead.safe@cityofchicago.org
- Phone: 312-742-2406

Leaks and Breaks LSLR

This program provides free LSLR and new water meters for properties with leaking or broken lead services.

Requirements

- You have a leak or break on the lead water service line to your property.
- All properties with a lead service line including renters, owner-occupied and commercial properties are eligible to participate.

To Apply

- Call 311 to report a leak or a break on your water service line.
- A DWM investigator will identify whether the leak or break is on private or public property. DWM will repair the leak or break on the public side and the property owner repairs any leaks or breaks on the private side.
- DWM or contractor will discuss and schedule LSLR with the owner.

Questions?

- 311 to report a leak or break
- Email: LSLR@cityofchicago.org
- Phone: 312-747-7530

Daycares LSLR

This program provides free LSLR and new water meters for licensed daycares.

Requirements

- A state licensed daycare, both center and in-home. If the daycare is renting, property owner consent is required.

To Apply

- Daycare is on a prioritized list. The Department of Water will proactively contact daycares when they qualify.

Questions?

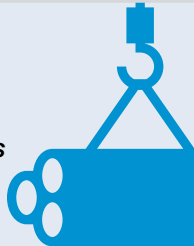
- Email: daycares@cityofchicago.org
- Phone: 312-744-6635



Programs and Eligibility

Block-Level LSLR

This program provides free LSLR and new water meters for properties affected by water main or sewer main replacement work.



Requirements

- DWM will perform block-level LSLR for all properties located along water main and sewer main construction work. This includes owner-occupied, rental and commercial properties.

To Apply

- The City will notify residents of their eligibility and next steps to complete the full LSLR.

Questions?

- Phone: 312-744-6635

Homeowner-Initiated LSLR

This program waives the standard permit fees up to \$5,000 for any property owner who decides to replace their full lead service line.

Requirements

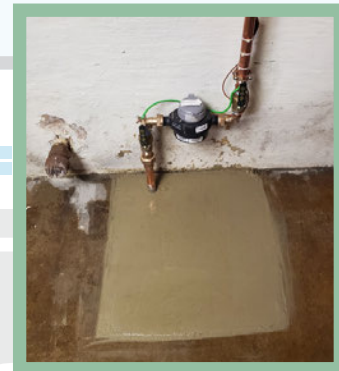
- All properties with LSLs including renters, owner-occupied, and commercial properties are eligible to participate.
- Property owner must be willing to pay for the full LSLR.

To Apply

- Verify service line material using chicagowaterquality.org/LSLIdentification.
- Hire a licensed plumbing contractor to replace the lead service line. Visit lead safechicago.org for a list of plumbing contractors licensed in Chicago, steps for lead service line replacement and the permit fees that will qualify for fee waivers.
- Your contractor will notify Department of Buildings that this is a LSLR project eligible for permit fee waivers and will apply for a permit by going to chicagowaterquality.org/LSLRPermit.

Questions?

- Email: lead.safe@cityofchicago.org
- Phone: 312-742-2406



Educational Statements Regarding Commonly Found Drinking Water Contaminants

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their healthcare providers. USEPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it can dissolve naturally occurring minerals and radioactive materials, and pick up substances resulting from the presence of animals or human activity.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for at least 5 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drink Water Hotline or at <http://www.epa.gov/safewater/lead>.

Possible contaminants consist of:

- **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- **Inorganic contaminants**, such as salts and metals, which may be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- **Pesticides** and **herbicides**, which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and may also come from gas stations, urban storm water runoff and septic systems.
- **Radioactive contaminants**, which may be naturally occurring or be the result of oil and gas production and mining activities.

2022 Water Quality Data: Detected Contaminants

Contaminant (unit of measurement) Typical Source of Contaminant	MCLG	MCL	Highest Level Detected	Range Of Detections	Violation	Date of Sample
MICROBIAL CONTAMINANTS						
TOTAL COLIFORM BACTERIA (% pos/mo) Naturally present in the environment	0	5%	0.4%	N/A	N	
FECAL COLIFORM AND E. COLI (# pos/mo) Human and animal fecal waste	0	0	0	N/A	N	
	(Lowest Monthly %)					
TURBIDITY (NTU/Lowest Monthly % ≤ 0.3 NTU) Soil runoff	N/A	TT	100%	100%-100%	N	
	(Limit: 95% ≤ 0.3 NTU)					
TURBIDITY (NTU/Highest Single Measurement) Soil runoff	N/A	TT	0.30	N/A	N	
	(Limit: 1 NTU max)					
INORGANIC CONTAMINANTS						
BARIUM (ppm) Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	2	2	0.0201	0.0193 - 0.0201	N	
COPPER (ppm) Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives	1.3	AL = 1.3	0.065 (90 th percentile)	0 sites exceeding AL	N	6/1/22-9/30/22
LEAD (ppb) Corrosion of household plumbing systems; Erosion of natural deposits	0	AL= 15	6.8 (90 th percentile)	0 sites exceeding AL	N	6/1/22-9/30/22
NITRATE (AS NITROGEN) (ppm) Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	10	10	0.30	0.30 – 0.30	N	
TOTAL NITRATE & NITRITE (AS NITROGEN) (ppm)	10	10	0.30	0.30 – 0.30	N	
DISINFECTANTS \ DISINFECTION BY-PRODUCTS						
TTHM [TOTAL TRIHALOMETHANES] (ppb) * By-product of drinking water disinfection	N/A	80	25.1	12.8 – 37.6	N	
HAA5 [HALOACETIC ACIDS] (ppb) * By-product of drinking water disinfection	N/A	60	11.9	5.8 – 15.2	N	
CHLORINE (as Cl₂) (ppm) Drinking water disinfectant	4.0	4.0	1	1 – 1.3	N	
TOC [TOTAL ORGANIC CARBON] The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set by IEPA.						
UNREGULATED CONTAMINANTS						
SULFATE (ppm) Erosion of naturally occurring deposits	N/A	N/A	27.1	25.8 – 27.1		
SODIUM (ppm) Erosion of naturally occurring deposits; Used as water softener	N/A	N/A	9.08	8.56 – 9.08		
STATE REGULATED CONTAMINANTS						
FLUORIDE (ppm) Water additive which promotes strong teeth	4	4	0.76	0.63 – 0.76	N	
RADIOACTIVE CONTAMINANTS						
COMBINED RADIUM 226/228 (pCi/L) ** Decay of natural and man-made deposits	0	5	0.95	0.83 – 0.95	N	2/04/2020
GROSS ALPHA excluding Radon & Uranium (pCi/L) ** Decay of natural and man-made deposits	0	15	3.1	2.8 – 3.1	N	2/04/2020

Definition Of Terms

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum Residual Disinfectant Level (MRDL): The highest level of a drinking water disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Highest Level Detected: This column represents the highest single sample reading of a contaminant of all the samples collected in 2022, except where a specific date is indicated.

Range of Detections: This column represents a range of individual sample results, from lowest to highest that were collected during the Consumer Confidence Report (CCR) calendar year.

Date of Sample: If a date appears in this column, the Illinois EPA requires monitoring for this contaminant less than once per year because the concentrations do not frequently change. If no date appears in the column, monitoring for this contaminant was conducted during the Consumer Confidence Report (CCR) calendar year.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

ND: Not detectable at testing limits; **N/A:** Not applicable

Locational Running Annual Average (LRAA): The average of 4 consecutive quarterly results at each monitored sample location. The LRAA should not exceed 80 µg/L for TTHM and 60 µg/L for HAA5.

Water Quality Data Table Footnotes

TURBIDITY	UNREGULATED CONTAMINANTS
Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.	A maximum contaminant level (MCL) for this contaminant has not been established by either state or federal regulations, nor has mandatory health effects language. The purpose for monitoring this contaminant is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water, and whether future regulation is warranted.
FLUORIDE	SODIUM
Fluoride is added to the water supply to help promote strong teeth. The Illinois Department of Public Health has recommended an optimal fluoride level of 0.7 mg/L, with a range of 0.6 mg/L to 0.8 mg/L.	There is no state or federal MCL for sodium. Monitoring is required to provide information to consumers and health officials who have concerns about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, you should consult a physician about the level of sodium in the water.

Unit of Measurement

- **ppm** - Parts per million, or milligrams per liter (mg/L)
- **ppb** - Parts per billion, or micrograms per liter (µg/L)
- **NTU** - Nephelometric Turbidity Unit, used to measure cloudiness in drinking water.
- **% ≤ 0.3 NTU** - Percent of samples less than or equal to 0.3 NTU
- **pCi/L** – Picocuries per liter, used to measure radioactivity.
- **mrem:** millirems per year, a measure of radiation absorbed by the body

Note: TTHM, HAA5, and Chlorine are for the Chicago Distribution System.

*Data expressed as LRAA – Locational Running Annual Average (See Definition of Terms for Details)

**The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, is more than one year old. Some contaminants are sampled less frequently than once a year; as a result, not all contaminants were sampled during the CCR calendar year. If any of these contaminants were detected the last time they were sampled, they are included in the table along with the date that the detection occurred. Radiochemical contaminant monitoring is conducted every 6 years.

CITY OF CHICAGO, DEPARTMENT OF WATER MANAGEMENT

SOURCE WATER ASSESSMENT SUMMARY FOR THE

2022 CONSUMER CONFIDENCE REPORT (CCR)

SOURCE WATER ASSESSMENT SUMMARY

The Illinois EPA implemented a Source Water Assessment Program (SWAP) to assist with watershed protection of public drinking water supplies. The SWAP inventories potential sources of contamination and determined the susceptibility of the source water to contamination. The Illinois EPA has completed the Source Water Assessment Program for our supply. Further information on our community water supply's Source Water Assessment Program is available by calling the City of Chicago, Department of Water Management at 312-744-6635.

SOURCE WATER LOCATION

The City of Chicago utilizes Lake Michigan as its source water via two water treatment plants. The Jardine Water Purification Plant serves the northern areas of the City and suburbs, while the Sawyer Water Purification Plant serves the southern areas of the City and suburbs. Lake Michigan is the only Great Lake that is entirely contained within the United States. It borders Illinois, Indiana, Michigan, and Wisconsin, and is the second largest Great lake by volume with 1,180 cubic miles of water, and third largest by area.

SUSCEPTIBILITY TO CONTAMINATION

The Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems. The very nature of surface water allows contaminants to migrate into the intake with no protection only dilution. This is the reason for mandatory treatment of all surface water supplies in Illinois. Chicago's offshore intakes are located at a distance that shoreline impacts are not usually considered a factor on water quality. At certain times of the year, however, the potential for contamination exists due to wet-weather flows and river reversals. In addition, the placement of the crib structures may serve to attract waterfowl, gulls, and terns that frequent the Great Lakes area, thereby concentrating fecal deposits at the intake and thus compromising the source water quality. Conversely, the shore intakes are highly susceptible to stormwater runoff, marinas, and shoreline point sources due to the influx of groundwater to the lake. Further information on our community water supply's Source Water Assessment Program is available by calling the City of Chicago, Department of Water Management at 312-744-6635.

2022 Voluntary Monitoring

The City of Chicago has continued monitoring for Cryptosporidium, Giardia, and E. coli in its source water as part of its water quality program. No Cryptosporidium or Giardia was detected in source water samples collected in 2022. Treatment processes have been optimized to provide effective barriers for removal of Cryptosporidium oocysts and Giardia cysts in the source water, effectively removing these organisms in the treatment process. By maintaining low turbidity through the removal of particles from the water, the possibility of Cryptosporidium and Giardia organisms getting into the drinking water system is greatly reduced.

In 2022, CDWM has also continued monitoring for hexavalent chromium, also known as chromium-6. USEPA has not yet established a standard for chromium-6, a contaminant of concern which has both natural and industrial sources. Please address any questions or concerns to DWM's Water Quality Division at 312-744-8190. Data reports on the monitoring program for chromium-6, PFAS/PFOS, and other emerging contaminants are posted on the City's website which can be accessed at the following address below:

https://www.chicago.gov/city/en/depts/water/supp_info/water_quality_resultsandreports.html

Cross-Connection Control Survey

The Chicago Department of Water Management is required by the Illinois EPA to routinely survey all water services connected to our public drinking water supply to help us identify and correct "cross-connections", which are unprotected or improper connections to the public drinking water system that may cause contamination or pollution to enter the system. Please fill out the survey online at:

www.chicagoccr.org



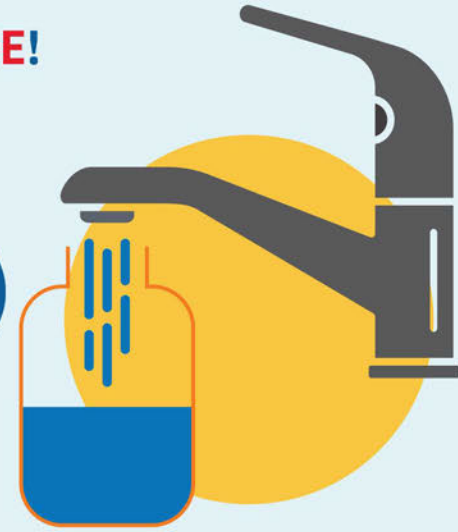
FREE WATER TESTING

Get a **FREE** water test by the Chicago Department of Water Management (DWM)

Get your water tested for lead for **FREE!**

Sign up by calling **311** OR visit www.ChicagoWaterQuality.org

Visit our website for more information: www.chicago.gov/water



Scan this QR code to visit [Chicago WaterQuality.org](http://ChicagoWaterQuality.org)



E-MAIL: watermanagement@cityofchicago.org

DEPARTMENT OF FINANCE WATER BILL QUESTIONS: (312) 744-4426

WATER IN THE STREET OR BASEMENT:
Call 311

WATER QUALITY QUESTIONS:
(312) 744-8190

IEPA'S REGIONAL OFFICES (ILLINOIS):
(847) 608-3131

EPA'S SAFE DRINKING WATER HOTLINE:
(800) 426-4791

EPA'S GENERAL INFORMATION LINE:
(312) 353-2000

For Questions, Please Contact

City of Chicago Department of Water Management
Bureau of Water Supply
1000 East Ohio Street • Chicago, IL 60611
Attn: Andrea Holthouse Cheng, Ph.D.
<http://dataservices.epa.illinois.gov/swap/factsheet.aspx>

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by: The City of Chicago,
Department of Water Management Water System
ID# IL0316000



The Chicago Housing Authority

Board of Commissioners

Vincent Lane
Chairman

Artensa Randolph
Vice-Chairman

Marie E. Billingsly
Arthur M. Brazier
Louis Brown
Milton Davis
Issac S. Goldman
Handy L. Lindsey, Jr.
Daniel Solis

Graham C. Grady
Chief Operating Officer

November 14, 1994

Mr. Kenneth L. Page, Manager
Federal Sites Units
Illinois Environmental Protection Agency
Bureau of Land
Division of Remediation Management
Leaking Underground Storage Tank Section
2200 Churchill Road, P.O. Box 19276
Springfield, Illinois 62794-9276

Attention: Mr. Blake Harris

SUBJECT: LPC #0316755035 - COOK COUNTY
CHICAGO/CHICAGO HOUSING AUTHORITY
833 WEST 115TH STREET
LUST INCIDENT # 921830
LUST TECHNICAL FILE

Dear Mr. Page:

In compliance with your instructions CHA is submitting the requested information concerning the above listed LUST site.

Enclosed please find a 45-Day Report prepared for CHA by Professional Service Industries, Inc. addressing the removal of one waste oil UST on November 1, 1991 and a contamination evaluation performed on October 19, 1994 at the captioned site. Also enclosed are copies of the IEPA compliance inquiry letter dated June 3, 1994 and the CHA letter dated August 22, 1994 that requests an extension to the compliance date.

If you have any questions, or require any additional information, please contact Michael Rowder, Manager, Environmental Unit at (312) 567-7775 Extension 1074 or Nestor Ardiente, Senior Environmental Officer, Extension 1076.

Sincerely,


Andrew Rodriguez
Director of Construction Management

RECEIVED

NOV 22 1994

IEPA/DLPC

SCREENED
BF



The Chicago Housing Authority

Board of Commissioners

Vincent Lane
Chairman

Artensa Randolph
Vice-Chairman

Isaac S. Goldman
Arthur M. Brazier
Milton Davis
Handy L. Lindsey, Jr.
Daniel Solis

Robert Whitfield
Chief Operating Officer

Dr. Daniel W. Blue, Jr.
Deputy Chief Operating Officer

F. Willis-Caruso
General Counsel

August 22, 1994

Illinois Environmental Protection Agency
Bureau of Land
Division of Remediation Management
Leaking Underground Storage Tank Section
2200 Churchill Road, P.O. Box 19276
Springfield, Illinois 62794-9276

Attention: Mr. Blake Harris

**SUBJECT: LPC #0316755035 - COOK COUNTY
CHICAGO/CHICAGO HOUSING AUTHORITY
833 West 115th Street
LUST INCIDENT # 921830
LUST TECHNICAL FILE**

Dear Mr. Harris:

This letter is in response to the attached letter dated June 3, 1994, faxed to the CHA by your office on June 9, 1994. In the letter, IEPA requested the following information concerning the above mentioned LUST site:

1. A complete 20 Day Certification: The dates on which the Owner and the Notary Public signed the former 20 Day Certification do not match.
2. The 45 Day Report.
3. Provide manifests for the disposed soils which were excavated.

The CHA was required to submit the above requested information to the IEPA by July 4, 1994. On June 15, 1994, Mr. Fred Chang of my staff contacted you to explain CHA's insufficient data and supporting documents required to complete the 45 Day Report for the subject matter. Mr. Chang reported to you that CHA could not meet the above deadline, because it is still in the process of procuring environmental testing services contracts to finish the 45 Day Report. CHA was advised to call IEPA in early July to report the status of

contract procurement. During the telephone conversation made on July 5, 1994, Mr. Chang suggested that Item 1 and Item 3 be submitted first to IEPA since the CHA has not obtained the said contract yet. However, you advised that you prefer receiving all three items in one package, and CHA should call again in early August to report the progress of the service contract. As of today, CHA has executed three service contracts with three different companies. Therefore, CHA anticipates submitting this information on or before October 30, 1994.

As directed in your letter, an original and one copy of this correspondence is being forwarded.

If you have any questions about this request for extension, please contact Michael Rowder, Manager, Environmental Unit at (312) 567-7775 Extension 1074 or Nestor Ardiente, Senior Environmental Officer, Extension 1076.

Sincerely,



Andrew Rodriguez
Director of Construction Management

bcc: Michael Rowder
Nestor Ardiente
Fred Chang
Sanjiv Jain
Reading File
Subject File



State of Illinois
ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gale, Director

2200 Churchill Road, Springfield, IL 62794-9276

217/782-6761

June 3, 1994

Chicago Housing Authority
Attn: Andrew Rodriguez
22 West Madison Street, Room 235
Chicago, Illinois 60602

Re: LPC #0316755035 -- Cook County
Chicago/Chicago Housing Authority
833 West 115th Street
LUST Incident #921830
LUST TECHNICAL FILE

Dear Mr. Rodriguez:

The Illinois Environmental Protection Agency has completed a review of the technical file for the above referenced incident. This review was completed on June 1, 1994.

In order to continue review of this LUST Incident, the Agency is requesting the following information:

1. Pursuant to 35 Illinois Administrative Code, Section 731.162, the Agency requests a complete 20 Day Certification form be submitted immediately. The dates on which the Owner and the Notary Public signed the former 20 Day Certification form do not match.
2. Pursuant to 35 Illinois Administrative Code, Section 731.163, the 45 Day Report must be submitted immediately.
3. In your 20 Day Certification cover letter, it was indicated that 45 cubic yards of oil contaminated soil was excavated. Please provide manifests for the disposed soils.

Submit items #1 and #2 immediately, and submit item #3 by July 4, 1994 to:

Illinois Environmental Protection Agency
Bureau of Land
Division of Remediation Management
Leaking Underground Storage Tank Section
2200 Churchill Road, P.O. Box 19276
Springfield, Illinois 62794-9276

IEPA 45-DAY REPORT

for

CHICAGO HOUSING AUTHORITY

833 WEST 115TH STREET

CHICAGO, ILLINOIS

IEMA INCIDENT NUMBER: 92-1830

prepared for

CHICAGO HOUSING AUTHORITY

ENVIRONMENTAL UNIT

CONSTRUCTION MANAGEMENT

833 WEST 115TH STREET

CHICAGO, ILLINOIS 60643



Professional Service Industries, Inc.



Professional Service Industries, Inc.

October 28, 1994

RECEIVED

NOV 22 1994

IEPA/CHAO

Chicago Housing Authority
Environmental Unit
Construction Management
833 West 115th Street
Chicago, Illinois 60643

Attention: Mr. Fred W. Chang, P.E.
Environmental Specialist

Re: IEPA 45-Day Report
Chicago Housing Authority
833 West 115th Street
Chicago, Illinois
IEMA Incident Number: 92-1830
PSI Project Number: 041-4H076-1

Dear Mr. Chang:

In compliance with your instructions, Professional Service Industries, Inc. (PSI) has completed the necessary Illinois Environmental Protection (IEPA) 45-Day Report for the above referenced site and incident number, and is forwarding four copies of the report herewith. Authorization to perform this assessment was given by Chicago Housing Authority verbally to Professional Service Industries, Inc. (PSI) on October 12, 1994. Work was performed in accordance with the PSI/CHA General Agreement (Contract #8128 C.G.).

In summary, PSI has performed a review of the UST contractor's documentation, provided by CHA, pertaining to the tank removal activities at the referenced site. In addition, PSI has performed an evaluation on the extent of contamination from this site. Using information from the prior activities and the recent investigation, PSI has prepared a 45-Day Report. PSI recommends no further site work or investigation until IEPA completes its review of this report and a response is received.

SCREENED

BF

Chicago Housing Authority
October 28, 1994
Page two of two

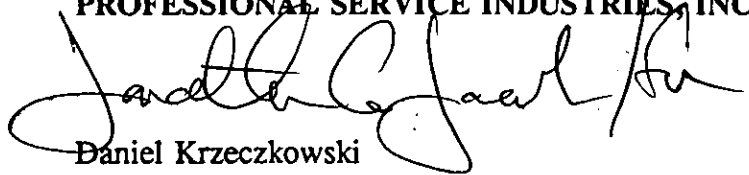
Please have the owner provide the signature requested on the IEPA form. Forward the original and one copy to the following address:

Illinois Environmental Protection Agency
Division of Land Pollution Control #24
Leaking Underground Storage Tank Section
State Sites Unit
2200 Churchill Road
Post Office Box 19276
Springfield, Illinois 62794-9276

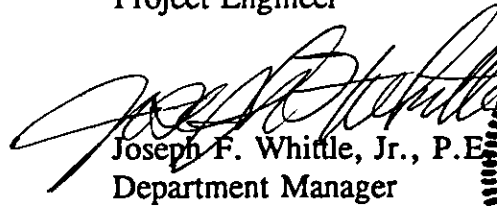
PSI appreciates the opportunity to have been of assistance to you on this project. PSI would be pleased to answer any questions you may have regarding the contents of this report. If we can be of any further assistance to you, please feel free to contact us.

Very truly yours,

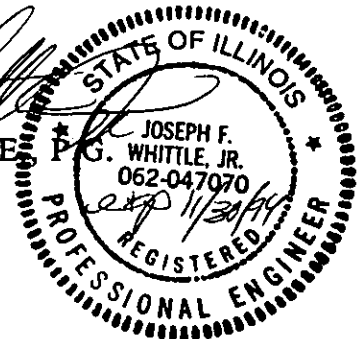
PROFESSIONAL SERVICE INDUSTRIES, INC.



Daniel Krzeczkowski
Project Engineer



Joseph F. Whittle, Jr., P.E.
Department Manager



DK/JFW:ds

Illinois Environmental Protection Agency
LEAKING UNDERGROUND STORAGE TANK PROGRAM
45 Day Report

RECEIVED

NOV 22 1994

A. SITE IDENTIFICATION

IEPA Generator Number (10 Digit): 0316755035
(leave blank if unknown)

IEMA #: 921830

Site Name: Chicago Housing Authority

Site Address (Not a P.O. Box): 833 West 115th Street

City: Chicago County: Cook

OWNER

Name: Chicago Housing Authority

Address: 833 West 115th Street

Chicago, Illinois 60643

Contact: Mr. Fred W. Chang, P.E.

Phone: (312) 567-7775 x 1080

OPERATOR (if different from Owner)

Name: _____

Address: _____

Contact: _____

Phone: _____

B. SITE INFORMATION

1. Will the owner/operator be seeking reimbursement for costs from the Underground Storage Tank Fund? (Check One): YES NO
2. Has the site been deemed eligible to seek reimbursement for corrective action cost from the Underground Storage Tank Fund: YES NO
3. What was the material released: Waste Oil
Was the material released a petroleum product: YES NO

C. EMERGENCY ACTION

1. Was the tank system removed, and/or abandoned in place: YES NO (if YES then the Agency will require that the following be attached: legible copy of the Office of the State Fire Marshal Permit for Removal and Abandonment in Place; a discussion on how the tank was cleaned; a discussion on how the product still in the tank, the tank sludges, and the tank rinse water were handled and disposed)
2. Was the tank system repaired: YES NO (if yes then the Agency will require that a legible copy of the Fire Marshal Permit be included)
3. The volume (in cubic yards) of backfill material removed: 45 cubic yards
(if any backfill material was removed and disposed of off-site attach a legible copy of the manifest(s) to dispose of the soil)
4. Was any soil, other than backfill excavated and disposed from the site: YES NO (if yes, then what was the volume, in cubic yards, disposed from the site: _____)
5. Was any groundwater with a sheen removed from the excavation: YES NO (if yes, then what was the volume, in gallons, removed from the site: _____ . Also please include a legible copy of the manifest(s))
6. Was free product encountered: YES NO (if YES, then the owner/operator must submit a free product removal report within 45 days of reporting the release)

D. ENCLOSURES

Please refer to the INSTRUCTIONS for direction on what information must be attached to this form.

E. SIGNATURES

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner

Name: Andrew Rodriguez

Title: Director of Construction Management

Signature: _____

Date: _____

Operator (if different from Owner)

Name: _____

Title: _____

Signature: _____

Date: _____

ATTACHMENTS

Attachment I: Site Diagrams

Attachment II: Narrative

Attachment III: Tank and Tank Removal Information

Attachment IV: Release Information

Attachment V: Generated Waste

Attachment VI: Photographic Documentation

Attachment VII: Site Conditions

Attachment VIII: Prior OBA Reports

Attachment IX: Prior CCA Report

Attachment X: BCC Field Report

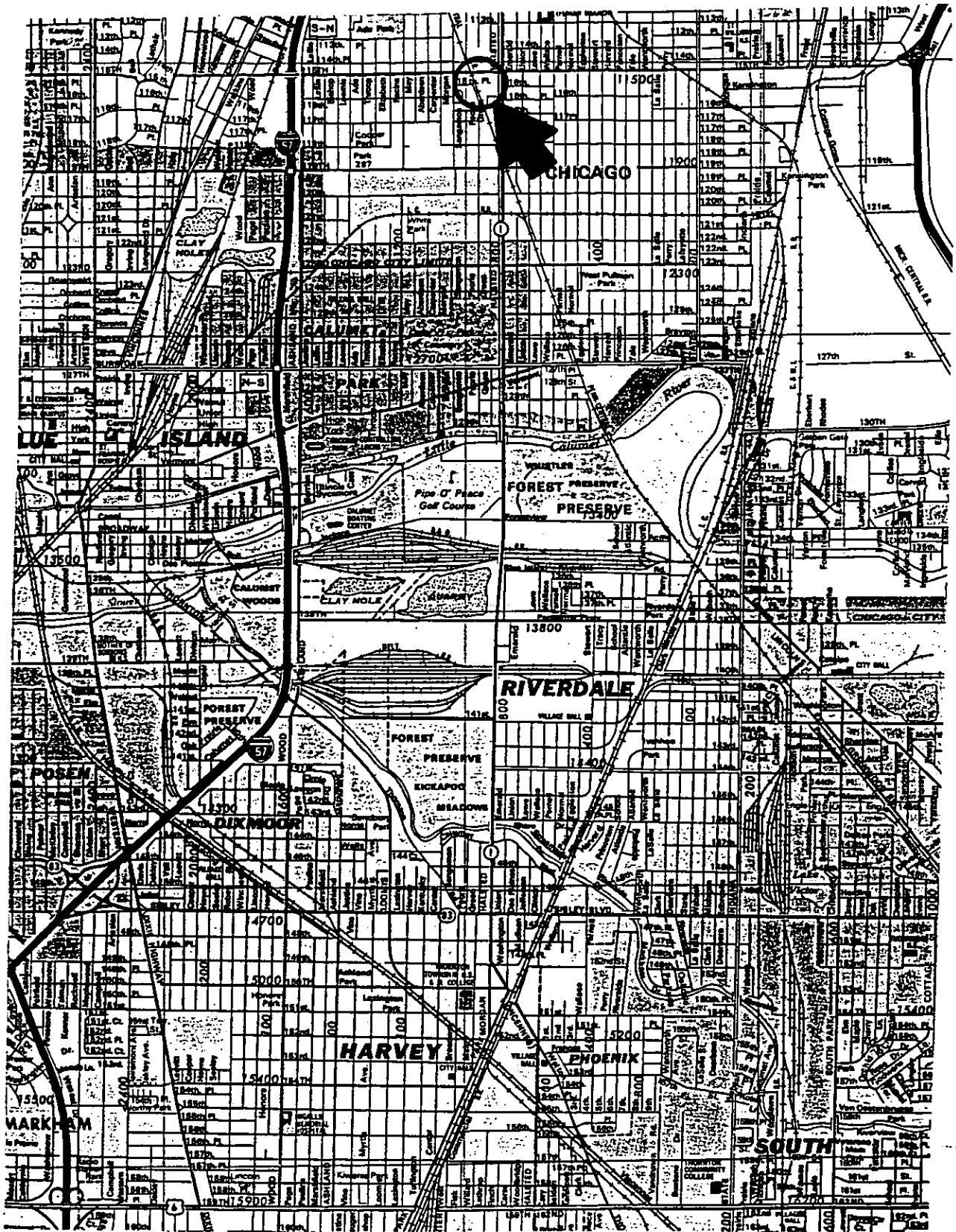
Attachment XI: Chicago Removal Permits

Attachment XII: Contamination Evaluation

Attachment XIII: Analytical Summary

ATTACHMENT I

SITE DIAGRAMS



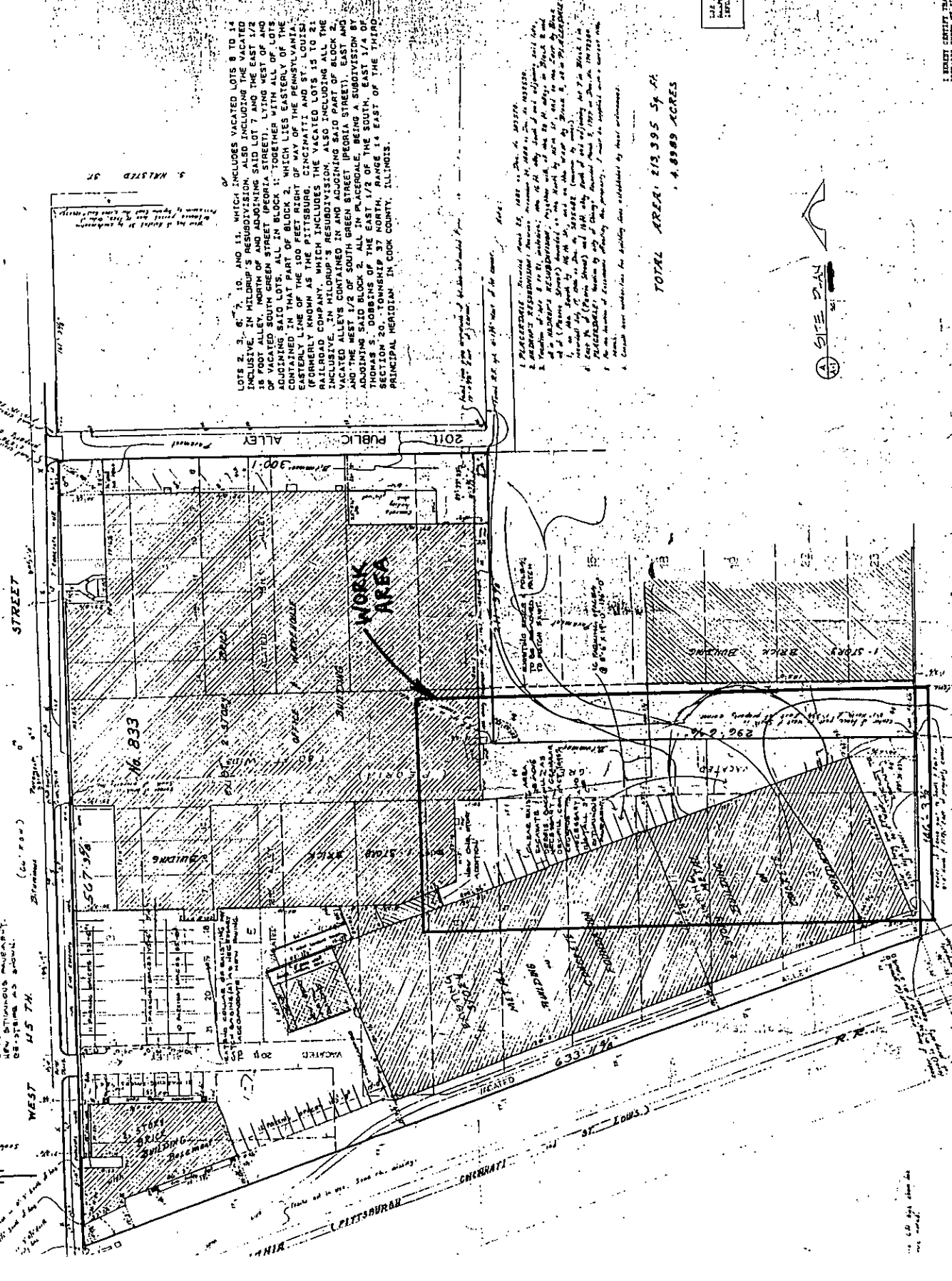
PROJECT NAME

Chicago Housing Authority
833 West 115th Street
Chicago, Illinois

SITE LOCATION DIAGRAM

PROJECT NO.
041-4H076-1

DATE
October 28, 1994



LOTS 2, 3, 6, 7, 10, AND 11, WHICH INCLUDES VACATED LOTS 8 TO 14 INCLUSIVE, IN HILDRUP'S SUBDIVISION, ALSO INCLUDING THE VACATED 18 FOOT WIDE SOUTH GREEN STREET (PEORIA STREET), LYING WEST OF AND ADJOINING SAID LOTS, ALL IN BLOCK 2, WHICH LIES EASTERLY OF THE EASTERN LINE OF THE 100 FEET RIGHT OF WAY OF THE WEST LOUISIANA RAILROAD COMPANY, WHICH INCLUDES LOTS 15 TO 21 AND THE HERALD BLOCK 2, ALL IN PLACERDALE, BEING A SUBDIVISION BY ADOLPH S. DOBBINS OF THE EAST 1/2 OF THE SOUTH, EAST 1/4 OF SECTION 20, TOWNSHIP 37 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

1. PLACERDALE, BEING LOTS 15 TO 21, AND THE HERALD BLOCK 2, ALL IN PLACERDALE, BEING A SUBDIVISION BY ADOLPH S. DOBBINS OF THE EAST 1/2 OF THE SOUTH, EAST 1/4 OF SECTION 20, TOWNSHIP 37 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.
2. VACATED LOTS 8 TO 14, INCLUSIVE, IN HILDRUP'S SUBDIVISION, ALSO INCLUDING THE VACATED 18 FOOT WIDE SOUTH GREEN STREET (PEORIA STREET), LYING WEST OF AND ADJOINING SAID LOTS, ALL IN BLOCK 2, WHICH LIES EASTERLY OF THE EASTERN LINE OF THE 100 FEET RIGHT OF WAY OF THE WEST LOUISIANA RAILROAD COMPANY, WHICH INCLUDES LOTS 15 TO 21 AND THE HERALD BLOCK 2, ALL IN PLACERDALE, BEING A SUBDIVISION BY ADOLPH S. DOBBINS OF THE EAST 1/2 OF THE SOUTH, EAST 1/4 OF SECTION 20, TOWNSHIP 37 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.
3. VACATED LOTS 15 TO 21, AND THE HERALD BLOCK 2, ALL IN PLACERDALE, BEING A SUBDIVISION BY ADOLPH S. DOBBINS OF THE EAST 1/2 OF THE SOUTH, EAST 1/4 OF SECTION 20, TOWNSHIP 37 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.
4. VACATED LOTS 8 TO 14, INCLUSIVE, IN HILDRUP'S SUBDIVISION, ALSO INCLUDING THE VACATED 18 FOOT WIDE SOUTH GREEN STREET (PEORIA STREET), LYING WEST OF AND ADJOINING SAID LOTS, ALL IN BLOCK 2, WHICH LIES EASTERLY OF THE EASTERN LINE OF THE 100 FEET RIGHT OF WAY OF THE WEST LOUISIANA RAILROAD COMPANY, WHICH INCLUDES LOTS 15 TO 21 AND THE HERALD BLOCK 2, ALL IN PLACERDALE, BEING A SUBDIVISION BY ADOLPH S. DOBBINS OF THE EAST 1/2 OF THE SOUTH, EAST 1/4 OF SECTION 20, TOWNSHIP 37 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

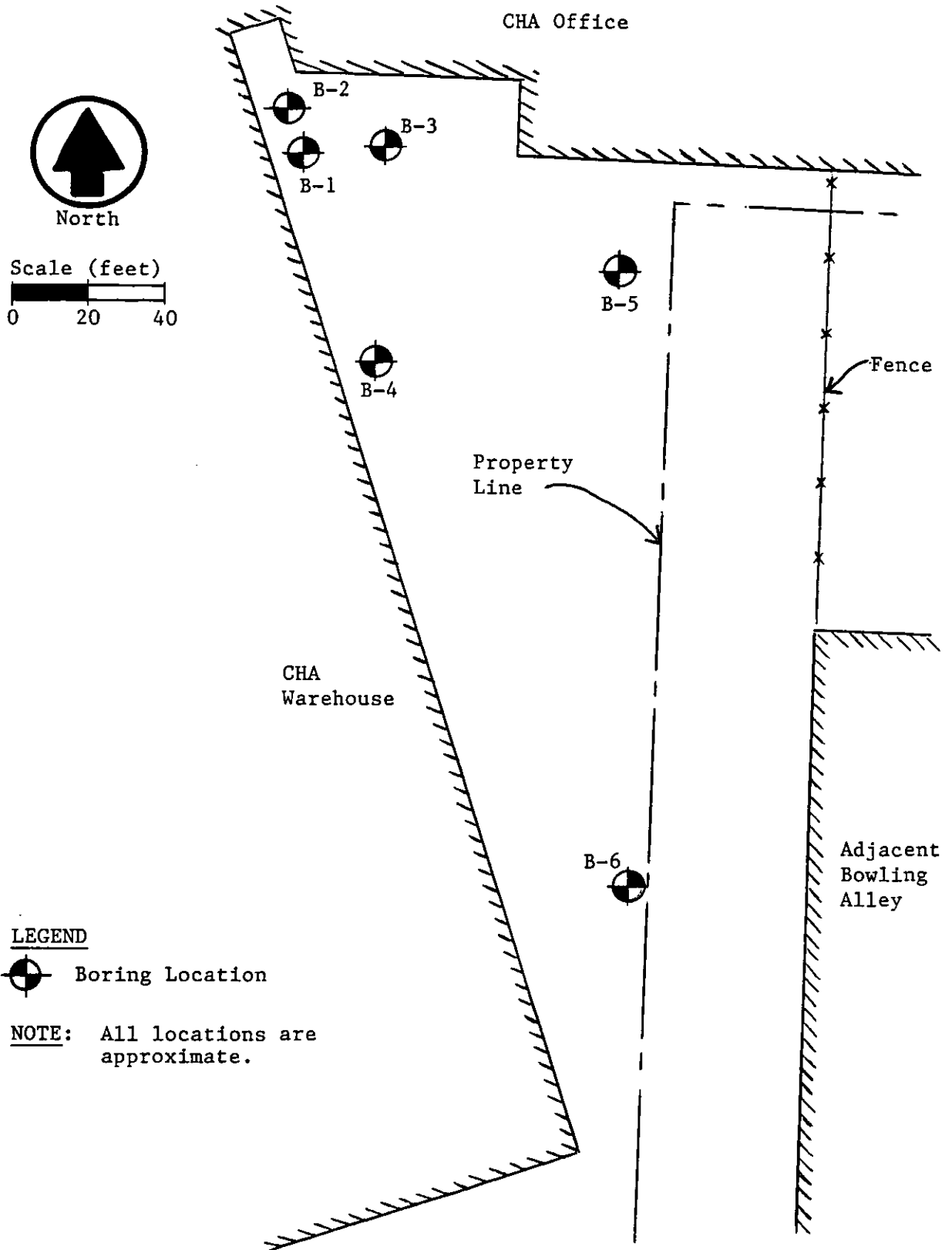
TOTAL AREA: 213,395 SQ. FT.
4.8989 ACRES




ALL DIMENSIONS SHALL BE IN FEET UNLESS OTHERWISE SPECIFIED. THIS PLAN IS FOR INFORMATION ONLY AND DOES NOT CONSTITUTE A CONTRACT.

THE COUNTY ENGINEER HAS REVIEWED THIS PLAN AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUBDIVISION ACT AND THE RULES AND REGULATIONS OF THE BOARD OF SURVEYORS AND MAPPERS.

BORING LOCATION DIAGRAM



LEGEND

 Boring Location

NOTE: All locations are approximate.

PROJECT NAME
CHA, 833 W. 115th Street, Chicago, IL

PROJECT NO.
041-4H076-1

DATE
Oct. 19, 1994

ATTACHMENT II

NARRATIVE

NARRATIVE

OBJECTIVE: The removal of one waste oil UST system from the subject property in accordance with OSFM and IEPA requirements.

August 8, 1991: Tank removal permit issued by the City of Chicago Building Department to R.W. Collins Co. See Attachment XI for a copy of the permit.

November 1, 1991: According to reports by O'Brien & Associates, Inc. (OBA) and Carnow, Conibear Associates, Ltd. (CCA), personnel from OBA and CCA were present to observe the removal of a 550 gallon waste oil tank by the UST Contractor R.W. Collins Co., a subcontractor for Blinderman Construction Co, Inc. (BCC). Please see Attachments VIII and IX for copies of the OBA and CCA reports.

Upon removal, the UST appeared to be in good condition with no corrosion, holes or rust. Soil discoloration was observed on the walls of the excavation and a strong odor of a petroleum product was noted. It was believed contamination was the result of overfill of the tank.

November 4, 1991: Soil samples were collected and submitted for analysis to Allied Laboratories, Ltd. to classify the waste for landfill disposal. Results revealed that the soil should be satisfactory for special waste disposal. See the OBA reports in Attachment VIII for copies of the laboratory analysis.

July 7, 1992: The subject site was reported to the Illinois Emergency Services and Disaster Agency (now known as IEMA) as a release (Incident Number 92-1830).

July 9, 1992: A total of 45 cubic yards of special waste contaminated soils were excavated and transported off-site to Settlers Hill Landfill in Batavia, Illinois. See Attachment V for copies of the manifests.

Field screening of the excavation side walls revealed remaining contamination. As a result, several test pits were performed in an attempt to define the limits of contamination still present. Based on this investigation, it was apparent that contaminated soils remained in the soils adjacent to the east and south. See Attachments VIII, IX and X for copies of the reports including these investigations.

NARRATIVE (CONTINUED)

October 19, 1994:

Professional Service Industries, Inc. (PSI) performed drilling and sampling in the area of the removed tank to evaluate the extent of contamination and present laboratory analysis of the contaminants discovered. Samples were collected and submitted to Grace Analytical Lab, Inc. for analysis. See Attachments XII and XIII for information on this investigation.

ATTACHMENT III

TANK AND TANK REMOVAL INFORMATION

TANK AND TANK REMOVAL INFORMATION

1.0 Total number of underground storage tanks at this site: 1

For each underground storage tank (UST) system removed, or release remediated, provide:

Tank 1:

Capacity (gal): 550

Date of Installation: Unknown

Date of Removal: November 1, 1991

Condition of UST system upon removal: Good - No Holes

Product stored in UST system: Waste Oil

Amount released: Unknown

Cause of release: Overfill

2.0 Describe the procedures used for cleaning the tank:

Although this information was not provided for this report, it is believed the UST Contractor cleaned the tanks in accordance with IEPA and OSFM requirements. These would have included collecting the remaining product and sludges from the tanks into a 55-gallon drums for future disposal off-site (see R.W. Collins memo in Attachment V). Prior to removal, the fire inspector on-site would have required combustible vapors to be reduced to acceptable levels (5% of lower of the LEL). Once these levels were reached then the tank could be removed from the ground. An opening was then probably created in an end of the UST to enable access for manual cleaning. Since rinse-waters were not collected for disposal, a petroleum absorbent was probably used to collect any remaining product and sludges. These were then possibly scraped out and collected with the excavated contaminated soils for disposal off-site.

3.0 UST Contractor who performed removal:

Contractor: R.W. Collins Co.
Address: 7225 West 66th Street
Chicago, Illinois 60638
Contact: Mr. Bob Collins
Phone Number: (312) 767-3030

ATTACHMENT IV
RELEASE INFORMATION

RELEASE INFORMATION**1.0 Describe the apparent source of the release and how it's presence was identified:**

During the planned removal of the waste oil tank on November 1, 1992, a release was discovered. The excavation had evidence of soil staining and vapor odors. Since there were no holes or rust areas observed on the removed tank, it was believed that the release was a result of overfilling activities. The quantity release was unknown.

2.0 Describe the procedures used to prevent any further release of the regulated substances into the environment:

The source of contamination (the UST system) was removed, and no longer contributes to the subsurface contamination.

3.0 Describe the procedures used to mitigate fire, explosion and vapor hazards, if identified:

No fires, explosions or vapor hazards were identified during the many field activities performed on site. Again, the source of contamination was removed, and no longer contributes to the subsurface contamination.

ATTACHMENT V
GENERATED WASTE

GENERATED WASTE

- 1.0 For any of the following that were removed or generated during the UST system removal, describe the procedures for management and storage, treatment or disposal of this material:

Product: A 55-gallon drum of product and sludge recovered from the bottom of the tank was set aside in the care of CHA for future disposal at a fuel blending facility. However, when R.W. Collins came to retrieve the drum for disposal, it was not found.

Tank Sludges: Tank sludges were generally removed with the product (see Product response above) and stored in a drum for future off-site disposal. It is believed a petroleum absorbent was used to collect the remaining sludges and product which could not be collected. These were then probably scraped from the tank and collected with the contaminated soil for disposal off-site.

Tank Rinse Waters: It is believed no water was used in the cleaning process.

Tank System: Once cleaned, it is believed the tank was transported to a metal recycler as scrap metal.

Contaminated Soil: Approximately 45 cubic yards of waste oil contaminated soil (special waste) were removed off-site to Settlers Hill Landfill in Batavia, Illinois. Work was performed on July 9, 1992.

Contaminated Water: No contaminated water was removed.

Free Product: No free product was encountered.

Please see the attached Manifests for records of the waste disposal.

Memo from **RWC COLLINS Co.**

7225 W. 66TH ST. — CHICAGO, ILLINOIS 60638 — 312-767-3030 — FAX 708-458-6870

TO: Joseph Albrecht

DATE: September 27, 1991

FROM: Bob Collins

RE: CHA- 833 W. 115th St., Chicago

The sludge drum accumulated during underground tank cleaning will be labeled and stored on site until testing and paperwork are completed.

A quart jar sample will be taken at the time of cleaning and sent to the Avganic lab for analysis. When paperwork is in order, the drum will be disposed of by Avganic Industries, 114 N. Main, Cottage Grove, WI. USEPA ID WID 000808824

Bob Collins

RECEIVED

SEP 30 1991

BLINGERMAN CONSTRUCTION CO., INC

submittals
eld 10/3/91

APPROVED

Carnow, Conibear & Assoc., Ltd.

SUB. NO.	1	<input checked="" type="checkbox"/> NO EXCEPTIONS TAKEN	<input type="checkbox"/> ALIBIS
DATE	10-24-91	<input type="checkbox"/> SOME CONNECTIONS NOTED	<input type="checkbox"/> SECURITY
<p>CHECKING FOR... RANGE ENT AND... ...CONTING... ...TOLE... ...GENERAL... ...HERE... ...NOTED AND... AUTHORIZED... PARAGEORGE HAYMES LTD. <i>PH</i></p>			

RWCOLLINS Co.

7225 W. 66th Street Chicago, Illinois 60638 312-767-3030 708-458-6868 FAX 708-458-6870

Excavating and Grading

TELECOPY COVER SHEET

TO: Joe Allrecht

FROM: Ann Collins

DATE: 1-27-92

NUMBER OF PAGES (including cover) 2

COMMENTS: If you have any questions
you could call Jeff Hallmark @ Organic
Industries (608) 257-1414.

Even, this is test report for the tank sludge
test sample. Remember that BCC had
left the sludge in a 50 GAL DRUM @ the
Jobsite in the CHA's care. When RW Collins came
to pick it up on 12/26/92 the sludge was nowhere
to be found.

RECEIVED

JAN 27 1992
BLUESHIRT
CONSTRUCTION CO. INC

If you are not receiving copies, please let us know at once.
If you have any questions, please call us at (312) 767-3030
or at (708) 458-6868. Thank you.

FAX (708) 458-6870

P-28 2/3/92 (JA)

Report: RC1300

18-Nov-91 10:03 AM

SAMPLE LABORATORY REPORT FORM

Company: CHICAGO ROUS AUIH-COLLINS

CHROMATOGRAPHIC ANALYSIS

Location:

Customer Nr:

Salesperson: STEFFES

Analyzed By: JH

Approved By: IA

Branch: R

Date: 11/08/91

----ACTIVES----

- 0.0 % Acetone
- 0.0 % N-Butyl Acetate
- 0.0 % Cyclohexanone
- 0.0 % Ethyl Acetate
- 0.0 % Glycol Ether EB
- 0.0 % Glycol Ether EE
- 0.0 % Glycol Ether EEAc
- 0.0 % Glycol Ether EM
- 0.0 % Glycol Ether EEP
- 0.0 % Glycol Ether EP
- 0.0 % Glycol Ether PH
- 0.0 % Glycol Ether PMA
- 0.0 % Isobutyl Acetate
- 0.0 % Isopropyl Acetate
- 0.0 % MEK
- 0.0 % MIBK
- 0.0 % N-Propyl Acetate
- 0.0 % Tetrahydrofuran

NOV 25 1991 Test Recd.
ILD on profile

Lab Analysis Nr: A051428

Sales lab Nr: S111064

Incoming Nr:

Retain Lab Nr:

PCB Lab Nr:

Lab Type: WSA

Part Nr: RWD00601

Waste Master Nr: 00018505

Authorization Nr: R42158

Batch Nr:

Lot Nr:

Other Nr:

----ALCOHOLS----

- 0.0 % N-Butanol
- 0.0 % Ethanol
- 0.0 % Isobutanol
- 0.0 % Isopropanol
- 0.0 % Methanol
- 0.0 % N-Propanol
- 0.0 % Water
- 0.0 % Diacetone Alcohol

LABORATORY DATA

Waste Density: pH:

Solvent Density: pH:

Total Distillate: Solids:

% Yield:

% Chlorides: 0.10 PCB (ppm): -10

Acid Acceptance:

APHA Color: Odor:

BTU/lb: 1538 BTU/Gal:

% Water by KF:

Flash Point (TCC Deg F):

----DILUENTS----

- 0.0 % Heptane
- 0.0 % Hexane
- 0.0 % Mineral Spirits
- 0.0 % 100 Flash Naphtha
- 0.0 % Stoddard Solvent
- 0.0 % Toluene
- 0.0 % VMP Naphtha
- 0.0 % Xylene

Material Comments: WASTE OIL

Recommend: LOW BTU SOLID DISPOSAL-06

Label: NON FLAMMABLE

UN/NA Nr:

Dot Hazard Class:

EPA Waste Code Nr:

DOT PSN: NON REGULATED WASTE

----CHLORINATEDS----

- 0.0 % Methylene Chloride
- 0.0 % Perchloroethylene
- 0.0 % 1,1,1-Trichloroethane
- 0.0 % 1,1,2-Trichloro-1,2,2-Trifluoroethane
- 0.0 % Trichloroethylene
- 0.0 % NOS

Comments: 'TANK BOTTOMS'. FLASH POINT >200 DEGREES F.

SAMPLE IS 80% SETTLED SOLIDS-TYPE 3 MATERIAL.

LOW BTU PRICING.

----MISC----

- 0.0 %
- 0.0 %
- 0.0 %
- 0.0 %
- 0.0 %
- 0.0 %

*** Information contained is believed to be ***
*** correct to the best of our knowledge ***
*** and based on the sample supplied. ***

0.0 % Total

OZINGA

TRANSPORTATION SYSTEMS, INC.

12843 South Pulaski Road
Alsip, Illinois 60658
(708) 388-6257

1	2	1	2	2	2		
---	---	---	---	---	---	--	--

DATE 7-9-92 19__

SHIP TO: SETTLER'S HELL 405798

BATAVIA IL

SHIPPER CLEARING P.O. NO. _____

	WEIGHT	AGGREGATE DESCRIPTION	UNIT PRICE	AMOUNT
LOAD				
EMPTY				
		SUB TOTAL		
NET			SALES TAX	
			TOTAL	

Customer Signature: _____

WASTE			
	WEIGHT	LOAD TIME	UNLOAD TIME
LOAD	LB	Arrive: <u>7:30 AM</u>	Arrive:
EMPTY	LB	Depart: <u>9:30</u>	Depart:
NET	LB	Total: <u>2 HOURS</u>	Total:

Product: _____ Explanation: _____

CONTAMINATED SOIL WITH WASTE OIL

Customer Signature: _____

SOURCE	ADDRESS	TICKET NO.
<u>CHA</u>	<u>833 W 115TH ST CHICAGO IL</u>	<u>IL 3707650</u>
DRIVER	<u>JOHN SPURSKA</u>	DR. NO. <u>KJS807</u> TRUCK

CUSTOMER ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGE DONE BY OUR TRUCK WHEN ORDERED OFF PUBLIC ROADWAY

PLEASE TYPE

(Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address Chicago Housing Authority 22 W. Madison, Room 221 Chicago, IL 60607		Location If Different 833 W. 115th St Chicago, IL 60643		A. Illinois Manifest Document Number IL3707650		Fee Paid, If Applicable
4. Generator's Phone (212-791-8500)		6. US EPA ID Number		B. Illinois Generator's ID 931653835		
5. Transporter 1 Company Name Orion Transport		8. US EPA ID Number		C. Illinois Transporter's ID 700366237		Transporter's Phone
7. Transporter 2 Company Name		10. US EPA ID Number		E. Illinois Transporter's ID		Transporter's Phone
9. Designated Facility Name and Site Address Safflers Hill 1031 E Pabian Parkway Batavia, IL 60519		12. Containers No. Type		G. Illinois Facility's ID 0890108009		H. Facility's Phone
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		13. Total Quantity		14. Unit Wt/Vol		Waste No.
a. Contaminated soil w/waste oil OST Removal		3		3		XX EPA HW Number Authorization Number 070992
b.						XX EPA HW Number Authorization Number
c.						XX EPA HW Number Authorization Number
d.						XX EPA HW Number Authorization Number
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above in Item # 14 1 = Gallons 2 = Cubic Yards				
15. Special Handling Instructions and Additional Information Waste Profile Sheet 1173529						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature		Date 07 09 92		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date 07 09 92		
Printed/Typed Name JOHN PENNERA		Signature		Date 07 09 92		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date 07 09 92		
Printed/Typed Name		Signature		Date		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						Date
Printed/Typed Name		Signature		Date 07 09 92		

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111 1/2 Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

(DRIVER: PLEASE SIGN BELOW)

405798

REFERENCE NO.
405798



(PLEASE SIGN HERE)

John A. [Signature]

SETTLER'S HILL LANDFILL
WASTE MANAGEMENT, INC.
1031 EAST FABYAN PARKWAY
BATAVIA, IL 60510
(312) 232-7664

CUSTOMER NO. 9006211	TRUCK NO. 1	INITIALS LR	TIME 11:15:23	DATE 7/09/92	BATCH NO. 070911
-------------------------	----------------	----------------	------------------	-----------------	---------------------

CUSTOMER:

LANDFILL DISPOSAL EXEMPT BODY
LAKESHORE AVE
BATAVIA, IL

MANIFEST NO.
3707630
PERMIT NO.
070019

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
908	CONTAMINATED SOIL 00	15.00	
		TOTAL	
	GROSS WT 185 54 400 00		
	TARE WT 185 00 000 00		
	NET WT 185 54 400 00		

WM0050

COPY 1

Printed on recycled paper

OZINGA

TRANSPORTATION SYSTEMS INC.

D 17943

12843 South Pulaski Road
Alsip, Illinois 60658
(708) 388-6257

DATE 7-9 1992

SHIP TO: SETTLER'S HILL
BATAVIA

SHIPPER C.H.A. P.O. NO. _____

	WEIGHT	AGGREGATE DESCRIPTION	UNIT PRICE	AMOUNT
LOAD				
EMPTY			SUB TOTAL	
NET			SALES TAX	
			TOTAL	

Customer Signature: _____

WASTE			
	WEIGHT	LOAD TIME	UNLOAD TIME
LOAD	LB	Arrive:	Arrive:
EMPTY	LB	Depart:	Depart:
NET	LB	Total:	Total:

Product: _____ Explanation: _____

1-LOAD NOW HAZ SOIL

Customer Signature: _____

SOURCE	ADDRESS	TICKET NO.
<u>CLEARING</u>	<u>833-W 115</u>	<u>3707651</u>
DRIVER	<u>[Signature]</u>	DR. NO. <u>7521711</u> TRUCK

CUSTOMER ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGE DONE BY OUR TRUCK WHEN ORDERED OFF PUBLIC ROADWAY

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but is required by Illinois law.		
3. Generator's Name and Mailing Address Chicago Housing Authority 22 W. Madison, Room 121 Chicago, IL 60602		Location If Different 833 W. 115th St Chicago, IL 60643		A. Illinois Manifest Document Number IL 3707651		Fee Paid, if Applicable	
4. Generator's Phone (312) 791-3529		6. US EPA ID Number		C. Illinois Transporter's ID		D. Transporter's Phone	
5. Transporter 1 Company Name Ozloga Transportation		8. US EPA ID Number		E. Illinois Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name		10. US EPA ID Number		G. Illinois Facility's ID		H. Facility's Phone	
9. Designated Facility Name and Site Address Sellers Hill 1031 E Babylon Parkway Batavia, IL 60510		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	
GENERATOR	a. Contaminated soil w/waste oil USF Removal					EPA HW Number XX Authorization Number 01778187210	
	b.					EPA HW Number XX Authorization Number	
	c.					EPA HW Number XX Authorization Number	
	d.					EPA HW Number XX Authorization Number	
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above 1 = Gallons 2 = Cubic Yards			
15. Special Handling Instructions and Additional Information Waste Profile Sheet #173529							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name WILLIE MOORE		Signature <i>Willie Moore</i>		Date 0707-92			
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name FRANK SHIELDS		Signature <i>Frank Shields</i>		
	18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		
19. Discrepancy Indication Space							
FACILITY	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					Date	
	Printed/Typed Name LUCIAN RUSSELL		Signature <i>Lucian Russell</i>		Date 070792		

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111 1/2 Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

(DRIVER: PLEASE SIGN BELOW)

405743

REFERENCE NO.
405743



(PLEASE SIGN HERE)

[Handwritten signature]

SETTLER'S HILL LANDFILL
WASTE MANAGEMENT, INC.
1031 EAST FARYAN PARKWAY
BATAVIA, IL 60510
(312) 232-7664

OWNER NO. 006211	TRUCK NO. 1	INITIALS LR	TIME 10:00:38	DATE 7/07/92	BATCH NO. 070911
---------------------	----------------	----------------	------------------	-----------------	---------------------

CUSTOMER:

STARTING DEPT. ...
...
...

MANIFEST NO. 3707551
PERMIT NO. 070020

CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
	...	12.45	
	...	15.00	
 TOTAL		

COPY 2

Printed on recycled paper

OZINGA

TRANSPORTATION SYSTEMS INC

D 17945

12843 South Pulaski Road
Alsip, Illinois 60658
(708) 388-6257

DATE 7-9 19 92

SHIP TO: SETTLER'S Hill
BATAVIA

SHIPPER CHA P.O. NO. _____

	WEIGHT	AGGREGATE DESCRIPTION	UNIT PRICE	AMOUNT
LOAD				
EMPTY			SUB TOTAL	
NET			SALES TAX	
			TOTAL	

Customer Signature: _____

WASTE

	WEIGHT	LOAD TIME	UNLOAD TIME
LOAD	LB	Arrive:	Arrive:
EMPTY	LB	Depart:	Depart:
NET	LB	Total:	Total:

Product:

Explanation:

1-LOAN NON-HAZ SOIL

Customer Signature: _____

SOURCE	ADDRESS	TICKET NO.
<u>CLEARING</u>	<u>833-W115</u>	<u>370764</u>
DRIVER	<u>[Signature]</u>	<u>#501171</u>

CUSTOMER ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGE DONE BY OUR TRUCK WHEN ORDERED OFF PUBLIC ROADWAY

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address

Location If Different

A. Illinois Manifest Document Number
IL3707649 Fee Paid, If Applicable

Chicago Housing Authority
22 W. Madison, Room 201

833 W. 115th St.
Chicago, IL 60643

B. Illinois Generator's ID No. 00890109009

4. Generator's Phone (312) 791-8500

5. Transporter 1 Company Name

6. US EPA ID Number

C. Illinois Transporter's ID

Ozinga Transportation

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

9. Designated Facility Name and Site Address

10. US EPA ID Number

G. Illinois Facility's ID

Settlers Mill
1001 E Fabryan Parkway
Mantoloking, IL 60512

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type

13. Total Quantity

14. Unit Wt/Vol

Waste No.

a. Contaminated soil & waste oil CST Removal

1 000 1.5

EPA HW Number XX
Authorization Number 07090210

b.

EPA HW Number XX
Authorization Number

c.

EPA HW Number XX
Authorization Number

d.

EPA HW Number XX
Authorization Number

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
In Item # 14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

Waste Profile Sheet 1173529

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Date

ALVIN A. MOORE

[Signature]

012792

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

FRANK SHIELDS

[Signature]

070997

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Date

L. ANN RUSSELL

[Signature]

070992

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111 1/2 Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$30,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

(DRIVER: PLEASE SIGN BELOW)

405871

REFERENCE NO.

405871

(PLEASE SIGN HERE)

[Handwritten signature]

SETTLER'S HILL LANDFILL
WASTE MANAGEMENT, INC.
1031 EAST FABYAN PARKWAY
BATAVIA, IL 60510
(312) 232-7664

CUSTOMER NO. 9006213	TRUCK NO. J	INITIALS LR	TIME 11:08:49	DATE 7/27/92	BATCH NO. 070912
-------------------------	----------------	----------------	------------------	-----------------	---------------------

CUSTOMER:

[Faded customer information]

MANIFEST NO. 3707849
PERMIT NO. 070019

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT

Printed on recycled paper



105415

7/27/92

7/27/92

7/27/92

WM0080

INVOICE

FROM: CLEARING DISPOSAL AND WASTE MANAGEMENT CO. ATTN: ROLLOFF PO BOX 2105 BEDFORD PARK IL 60499-2105

TO: BLINDERMAN CONSTRUCTION CO. 666 DUNDEE RD, SUITE 807 NORTHBROOK IL 60062

ACCOUNT NUMBER 110150 RO 0785099 INVOICE NUMBER 359032 DATE 08/26/92

TELEPHONE INQUIRIES: 312/626-8300

SERVICE INQUIRIES: 312/626-8300

Table header with columns: DATE, REFERENCE NUMBER, QUANTITY, DESCRIPTION, AMOUNT

PREVIOUS BALANCE

0.00

PURCHASE ORDER 8957

Z-BLINDERMAN CONSTRUCTION CO 833 W 115TH ST CHICAGO IL 60643

Main invoice table with 5 columns: DATE, REFERENCE NUMBER, QUANTITY, DESCRIPTION, AMOUNT. Includes entries for contaminated soil disposal.

TOTAL CURRENT CHARGES DUE WITHIN 10 DAYS OF RECEIPT 1,515.00

TOTAL AMOUNT NOW DUE 1,515.00

WE APPRECIATE THE FINE MANNER IN WHICH PAYMENT IS MADE ON YOUR ACCOUNT. THANK YOU FOR YOUR VALUED BUSINESS.

***** IN AN EFFORT TO MORE ACCURATELY PROCESS YOUR PAYMENT PLEASE NOTE THE CHANGE IN OUR REMITTANCE ADDRESS. THANK YOU FOR YOUR CO-OPERATION AND CONTINUING PATRONAGE. *****

RECEIVED

SEP 3 1992

BLINDERMAN CONSTRUCTION CO., INC

EFFECTIVE 7/1/92 LANDFILLS WILL NO LONGER ACCEPT FREEZERS, REFRIGERATORS, OR A/C. PLEASE CALL FOR DETAILS ON DISPOSAL.

PLEASE RETURN THIS PORTION WITH PAYMENT

INVOICE DATE: 08/26/92 H CURRENT CHARGES: 1,515.00 TOTAL DUE: 1,515.00

CLEARING RECYCLING AND WASTE SERVICES A WASTE MANAGEMENT COMPANY 3800 S LARAMIE AVE CICERO IL 60650-4514

Summary table with columns: ACCOUNT NUMBER, AMOUNT PAID, INVOICE NUMBER, CHECK NUMBER

BLINDERMAN CONSTRUCTION CO 666 DUNDEE RD, SUITE 807 NORTHBROOK IL 60062

B IP01 CLEARING DISPOSAL A WASTE MANAGEMENT CO. ATTN: ROLLOFF PO BOX 2105 BEDFORD PARK IL 60499-2105



PESTICIDE/HERBICIDE
Declaration Letter

Dear Customer:

This declaration letter provides us with information to make a determination on the analytical parameters to be run on your waste stream. If, to the best of your knowledge, that your waste stream may contain any of these parameters as listed below please make a notation on this form. If, to the best of your knowledge, your waste stream does not contain these parameters as listed below, please read and sign this form.

By signing this document, Chicago Housing Authority hereby certifies that
(Generator's Name)

the waste stream 215T Removal as described on Waste Management
(Waste Name)

Generator's Waste Material Profile Sheet # 173124 does not contain the following pesticides and herbicides: Endrin, Lindane, Methoxychlor, Toxaphene, 2, 4-D, 2, 4, 5-TP (Silvex), Chlordane and Heptachlor (and its Epoxide) unless clearly noted.

RECEIVED

SEP 18 1991

BLINDER
CONSTRUCTION CO., INC

MPA
Andrew Rodriguez
Generator's Signature
Andrew Rodriguez
Director, Construction Management
Title

Y October 1, 1991
Date

Location of Property: 833 W. 115th Street
Chicago, Illinois 60643 (Cook County)

CONTACT REPORT



Waste Management of North America, Inc.
Midwest Region
Two Westbrook Corporate Center • Suite 1000
P.O. Box 7070
Westchester, Illinois 60154

WPS # WMA 173524

WASTE GENERATOR

Name Chicago Housing Authority

Address 557 W 115th Street

City Chicago County Cook State Ill Zip 60643

SIC Code _____ Ill E.P.A. Generator No. Applied for
(Standard Individual Classification) U.S. E.P.A. No. _____

General Contact Joe Williams Title Project Manager Phone: (708) 564-2800

Technical Contact Edwin Parker Title Engineer Phone: (312) 791-5100

Waste Identification 715 Removal

U.S. E.P.A. Hazardous Waste Number (If Hazardous) _____

Solid Semi-Solid _____ Liquid _____ Other _____

Type of Process UST Removal

Waste Volume & Frequency 30 cu yd Bulk & Drums _____

Actions Indicated: Analyze Permit Landfill Site Requested

RECEIVED Settlers Hill Landfill
Batavia, Illinois

SEP 18 1991

HAULER:

Name CLEARING DISPOSAL

Address 3800 S. LARAMIE AVE. **BLINDERMAN CONSTRUCTION CO. INC.**

City CICERO County COOK State IL Zip 60650

Phone: Area Code (312) 626-8300 Contact Person _____

Ill. E.P.A. Hauler Registration No. 3113 U.S. E.P.A. Hauler No. _____

NOTE: All above information to be completed prior to any action taken. Incomplete reports or improper samples will be disposed of after 15 days.

Applicant to be responsible for payment of necessary laboratory and permitting fees.

Signature Andrew Rodriguez
Title Director, Construction Management

ILLINOIS SOLID WASTE MANAGEMENT ACT

GENERATOR DECLARATION

IRPA Waste Stream # _____
Waste Profile Sheet # 424H123529
Waste Stream Name UST Removal
Contaminated Soil

Chicago Home Antiques (Generator) does hereby declare and state that the waste that it generates in its operations that is disposed by Waste Management of Illinois, Inc., or one of its affiliated companies (Waste Management) is:

- Subject to the Illinois Solid Waste Management Act Fee; or
- Is exempt from the Illinois Solid Waste Management Act Fee because such waste is:
 - (A) Hazardous Waste.
 - (B) Pollution Control Waste (as defined in the Solid Waste Management Act).
 - (C) Waste from recycling, reclamation or reuse processes (approved as being designed to render such wastes at least 50% reusable).
 - (D) Non-Hazardous solid waste composted or recycled at landfill (through a permitted process).
 - (E) Waste received at landfills accepting only demolition or construction debris or landscape waste.
 - (F) Waste granted a Specific Waste Exemption by Agency (attach response).

If you have checked box B, please describe below the process which generates your pollution control waste.

UST Removal (Waste Oil) and removal of
Contaminated Soil — from 833 W. 115th ST
CHICAGO IL. 60643

The undersigned certifies on behalf of the Generator that this Declaration is true and correct as of the date hereof and that Waste Management will be notified in writing of any change in the status of the waste generated by Generator and disposed by Waste Management.

RECEIVED

18 1991

BLINDER
CONSTRUCTION CO., INC.

Chicago Home Antiques
(Generator)
Andrew Rodriguez
(Signature)
Andrew Rodriguez
Director, Construction Management



Waste Management of North America GENERATOR'S SPECIAL WASTE PROFILE SHEET

TYPE A Waste
PLEASE PRINT IN INK OR TYPE

WMA 173529

Waste Profile Sheet Code

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

(Shaded Areas For WMNA Use Only)

Renewal Date of Service Agreement:

WMNA Sales Rep#:

A. WHERE IS THE WASTE GENERATED?

1. Generator Name: Chicago Housing Authority
 2. Facility Address (site of waste generation): 833 W. 11th St
 3. Generator City, State/Province: Chicago, Ill. 4. Zip/Postal Code: 60643
 5. Generator USEPA/Federal ID: _____
 6. Generator State/Province ID: Applied for -
 7. Technical Contact: EVBA Parks 8. Phone: (312) 791-5100

B. WHERE ARE WASTE MANAGEMENT, INC. INVOICES SENT?

1. Generating Facility (A, above), or
 2. Company Name: Clean Disposal 3. Phone: (312) 626-8300
 4. Address: 3800 S. Laramie
 5. Generator City, State/Province: Chicago, Ill. 6. Zip/Postal Code: 60610

C. PHYSICAL CHARACTERISTICS OF WASTE (See Instructions)

1. Name of Waste: UST Removal - Waste Oil
 2. Process Generating Waste: Underground Storage Tank
 3. Special Handling Instructions: _____

4. Color: <u>Red/Brown</u>	5. Does the waste have a strong incidental odor? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes if so, describe: _____	6. Physical State @ 70°F/21°C: <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Semi-Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Powder Other: _____	7. Layers: <input type="checkbox"/> Multi-layered <input type="checkbox"/> Bi-layered <input checked="" type="checkbox"/> Single Phased	8. Specific Gravity: Range: _____	9. Free Liquids: <input type="checkbox"/> Yes <input type="checkbox"/> No Volume: _____ %
----------------------------	--	--	--	--------------------------------------	---

0. pH: ≤ 2 > 2-4 4-7 7 7-10 10- < 12.5 ≥ 12.5 Range NA
 11. Flash Point: None < 140°F/60°C 140°-199°F/60°-83°C ≥ 200°F/93°C Closed Cup Open Cup

D. TRANSPORTATION INFORMATION

Method of Shipment: Bulk Liquid Bulk Sludge Bulk Solid Other
 Annual Amount/Units: 30 cu yds.
 3. Supplemental Information: _____

RECEIVED

2181991

BLINDERMAN

CONSTRUCTION CO., INC

Is this a DOT hazardous material? No Yes (If so, complete 5, 6 & 7)
 Reportable Quantity/Units (lb/kg): _____ 5. Hazard Class/ID #: _____
 7. Shipping Name: _____

Check this box if additional information is attached.

Printed on recycled paper



Waste Management of North America GENERATOR'S SPECIAL WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

E. CHEMICAL COMPOSITION

1.	RANGE MIN.-MAX.	%
Soil	95.96	%
Metal	0.2	%
Metal Oil	0.2	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%
	-	%

2. Does this waste contain any of the following
(provide concentration if known):

	NO	or	LESS THAN	or	ACTUAL
PCB's	<input checked="" type="checkbox"/>		<input type="checkbox"/> <50 ppm		_____ ppm
Cyanides	<input checked="" type="checkbox"/>		<input type="checkbox"/> <50 ppm		_____ ppm
Sulfides	<input checked="" type="checkbox"/>		<input type="checkbox"/> <50 ppm		_____ ppm
Phenolics	<input checked="" type="checkbox"/>		<input type="checkbox"/> <50 ppm		_____ ppm

Please note: The chemical composition total in the maximum
column must be greater than or equal to 100%.

Total: 100 %

F. METALS

1. Does this waste contain any of the following metals (provide concentration if known):

Arsenic	<input checked="" type="checkbox"/> <5	or	_____ ppm	Barium	<input checked="" type="checkbox"/> <100	or	_____ ppm	Cadmium	<input checked="" type="checkbox"/> <1	or	_____ ppm
Chromium	<input checked="" type="checkbox"/> <5	or	_____ ppm	Lead	<input checked="" type="checkbox"/> <5	or	_____ ppm	Mercury	<input checked="" type="checkbox"/> <0.2	or	_____ ppm
Selenium	<input checked="" type="checkbox"/> <1	or	_____ ppm	Silver	<input checked="" type="checkbox"/> <5	or	_____ ppm	Copper	<input checked="" type="checkbox"/>		_____ ppm
Nickel	<input checked="" type="checkbox"/> <20		ppm	Zinc	<input checked="" type="checkbox"/> <50		ppm				<20 ppm

2. Indicate method used to determine concentration (if provided): EP TOX TCLP, or Total

G: GENERATOR CERTIFICATION

By signing this profile sheet, the generator certifies that unless clearly stated above or in attachments:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or the state/province.
2. This waste does not contain regulated quantities of PCB's (Polychlorinated Biphenyls).
3. This sheet and its attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
4. The Contractor's Definition of Special Waste (Form WMNA 0038 AD) has been read, signed and attached.

5. Signature Andres Rodriguez

7. Name (Type or Print) Andres Rodriguez

6. Title Director - Construction Management

8. Date October 1, 1991

Location of Generator: 833 W. 115th Street, Chicago IL 60643 (Cook County)



CONTRACTOR'S DEFINITION OF SPECIAL WASTE

WMNA 173 (2/89)
WASTE PROFILE CODE

1. "Special Waste" means Type A special waste or Type B special waste.
2. "Type A Special Waste" means any waste from a commercial or industrial activity meeting any of the following descriptions:
 - a. Containerized waste (e.g., a drum, portable tank, lugger box, roll-off box, pail, bulk tanker, etc.) listed in b.-h., below.
 - b. Waste containing free liquids.
 - c. Sludge waste.
 - d. Waste from an industrial process.
 - e. Waste from a pollution control process.
 - f. Residue from a spill of a chemical substance or commercial product or a waste listed in a.-e. or g.-h.
 - g. Contaminated residuals from the cleanup of a facility generating, storing, treating, recycling or disposing wastes, chemical substances or commercial products listed in a.-f. or h.
 - h. Any waste which is non-hazardous as a result of treatment pursuant to RCRA Subtitle C.

3. Incidental Amounts of Special Waste

The Contractor recognizes that many customers will produce some "Type B Special Waste," as defined below. Incidental quantities of "Type B Special Waste," do not require a Generator's Type B Special Waste Profile Sheet (Form WMNA-0089B) to be signed by the customer. However, the customer must identify the type and amount of Type B Special Wastes which will be provided to the Contractor in incidental amounts by completing the box in the lower right corner.

4. "Type B Special Waste" means any waste from a commercial or industrial activity meeting the descriptions which follow:

- a. Friable asbestos waste from building demolition or cleaning; wall board, wall spray coverings, pipe insulation, etc. Nonfriable asbestos is a special waste if it has been processed, handled or used in such a way that asbestos fibers may be freely released. Asbestos-bearing industrial process waste is a Type A Special Waste.
- b. Commercial products or chemicals which are off-specification, outdated, unused or banned. Outdated or off-specification, uncontaminated food or beverage products in original consumer containers are not included in this category, however, containers which once held commercial products or chemicals are included unless the container is empty. A container is empty when:

All wastes have been removed that can be removed using the practices commonly employed to remove materials from the type of container, e.g., pouring, pumping or aspirating, and an end has been removed (for containers in excess of 25 gallons), and no more than 1 inch (2.54 centimeters) or residue remains on the bottom of the container or inner liner, or no more than 3% by weight of the total capacity of the container remains in the container (containers ≤ 110 gallons), or no more than 0.3% by weight of the total capacity of the container remains in the container (containers > 110 gallons). Containers which once held ACUTELY HAZARDOUS WASTES must be triple rinsed with an appropriate solvent or cleaned by an equivalent method. Containers which once held substances regulated under the Federal Insecticide, Fungicide, and Rodenticide Act must be empty according to label instructions or triple rinsed.
- c. Untreated bio-medical waste - Any waste capable of inducing infection due to contamination with infectious agents from a bio-medical source including but not limited to a medical practitioner, hospital, medical clinic, nursing home, university medical laboratory, mortuary, taxidermist, veterinarian, veterinary hospital or animal testing laboratory. Any sharps from these sources must be rendered harmless or placed in needle puncture-proof containers.
- d. Treated bio-medical wastes - Any waste from a bio-medical source including but not limited to a hospital, medical clinic, nursing home, medical practitioner, mortuary, taxidermist, veterinarian, veterinary hospital, animal testing laboratory, or university medical laboratory which has been autoclaved or otherwise heat treated or sterilized so that it is no longer capable of inducing infection. Any sharps from these sources must be rendered harmless or placed in needle puncture-proof containers. Incinerated bio-medical wastes are "Type A Special Wastes."
- e. Liquids and sludges from septic tanks, food service grease traps, or washwater and wastewaters from commercial laundries, laundromats, and car washes unless these wastes are managed at commercial or public treatment works.
- f. Chemical-containing equipment removed from service. Examples, filters, cathode ray tubes, lab equipment, acetylene tanks, fluorescent light tubes, etc.
- g. Waste produced from the demolition or dismantling of industrial process equipment or facilities contaminated with chemicals from the industrial process. Note: Chemicals or wastes removed or drained from such equipment or facilities are also "Type A Special Wastes."

CUSTOMER ACKNOWLEDGES THAT HE HAS READ THE FOREGOING DEFINITION AND HAS IDENTIFIED THE TYPES OF SPECIAL WASTES GENERATED, IF ANY, BY CHECKING THE APPLICABLE CATEGORIES ABOVE.

Location of Property: 833 W. 115th Street, Chicago IL 60643 (Cook County)

Chicago Housing Authority
CUSTOMER

Andrew Rodriguez
AUTHORIZED SIGNATURE DATE 10/1/91

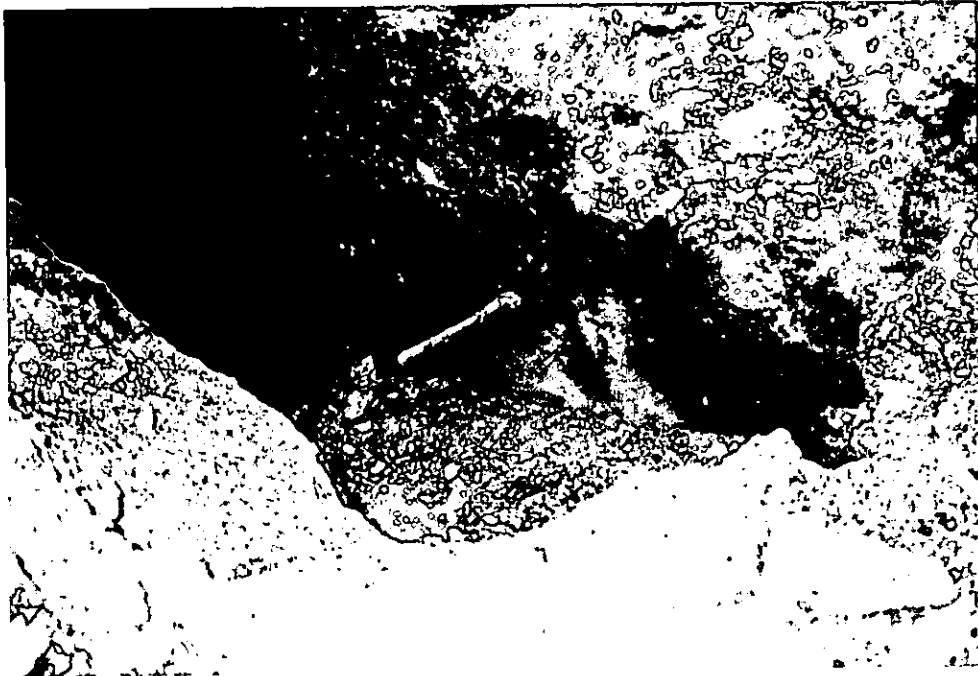
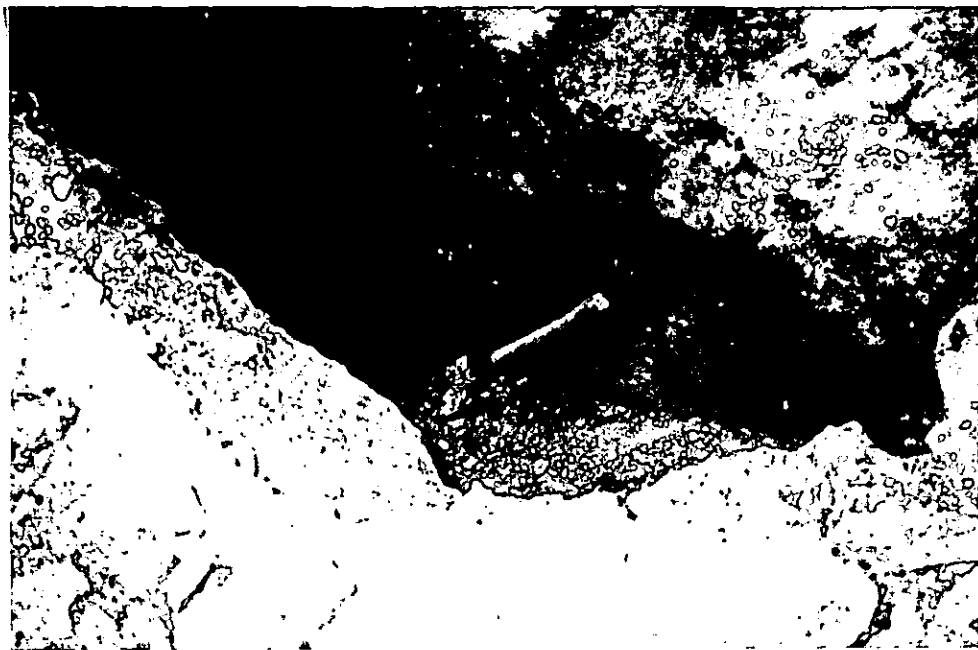
Andrew Rodriguez, Director, Construction Mgt.
Form WMNA-0089AD (2/89) Waste Management of North America

INCIDENTAL WASTE TYPES AND AMOUNTS:	SEP 2 1991
	BLINDERS
	CONSTRUCTION CO.
General Manager of WMNA Division concurs that the above amounts are accurate and that no other incidental wastes are present.	

ATTACHMENT VI
PHOTOGRAPHIC DOCUMENTATION







ATTACHMENT VII

SITE CONDITIONS

SITE CONDITIONS**1.0 Site Location:**

City/Town/Village: City of Chicago
County: Cook
Township: 37N
Range: 14E
Section: 20
Latitude: Approximately 41°41'03"
Longitude: Approximately 87°38'34"

2.0 Land use of the subject site and surrounding area:

The site is currently the location of the main office for the Chicago Housing Authority (CHA). The subject buildings are used for offices for CHA and to store construction material. Along Halsted Avenue to the east are commercial and retail properties. To the west, past the railroad tracks, is a residential area.

3.0 Drinking water source and quality:

The City of Chicago generally uses treated Lake Michigan water as their water source.

4.0 Subsurface Soil Conditions:

The subsurface lithology (based on the soil borings) was established by visual classification. In general, it consisted of brown and gray sands with traces of silt and clay, under a thin veneer of crushed stone or fill materials down to depths of between 2.5 and 6 feet below the surface grade. The sand was underlain by gray clay starting at a depth between 10 and 12 feet. The fill materials consisted of dark brown clays, sands, silts and gravels. The former tank excavation is estimated (based on soil borings) to be approximately 6 or 7 feet deep and was backfilled with crushed stone.

Water was encountered while drilling in each of the borings at a depth between 6.5 and 10 feet below grade. However, due to the observed porous fill materials and sands and gravels in the area, the water encountered is probably the result of perched conditions. This occurs when surface water is not readily drained from the site and permeates the upper loose porous layers (i.e., the fill materials and sands and gravels). These porous layers are underlain by a relatively impervious stratum (gray clays) which inhibit any further downward movement of the water, thus creating a perched condition. The level of the perched water is related to permeability, lateral drainage and the amount of rainfall in previous months, and may even be non-existent during dry months.

SITE CONDITIONS (Continued)

According to the ISGS Circular 532 titled "Potential for Contamination of Shallow Aquifers in Illinois" by Richard C. Berg, et.al. (1984), soils in the area of the subject site are described as sand and gravel less than 20 feet, underlain by relatively impermeable till, or bedrock. The potential migration of contamination within the porous sand and gravel materials is greatest because of the estimated higher hydraulic conductivity of these materials. See Attachment XII for the Contamination Evaluation which includes site-specific subsurface information.

5.0 Topographic Map Review:

The United State Geological Survey (USGS) Blue Island, IL (1983) 7.5 minute quadrangle topographic map (on which a National Wetlands Inventory Map was imposed) was reviewed for this report.

According to the contour lines on the topographic map, the subject site is located approximately 615 feet above Mean Sea Level (MSL). The contour lines in the general area of the subject site indicate a gradual downward slope to the south-southwest, toward the Little Calumet River located to the south. It is reasonable to assume the gradient of the near-surface groundwater in the upper aquifers is in the same northeast direction. A copy of the Topographic Map is included with this Attachment.

6.0 Potentially exposed populations:

Although the approximate population of the City of Chicago is approximately 3 million people, only those people that work at the subject site have any chance of being exposed to the contaminated area. The concern is further reduced, since all the contamination was located in the subsurface soils. In addition, no drinking water sources are believed to be affected. As a result, it is believed there are no potentially exposed populations.

7.0 Potentially exposed environments (surface water, fish and wildlife, vegetation, etc.):

There are no nearby surface bodies of water in the area of the subject site. The subject site is considered an urban, commercial area. Therefore, there are no fish, wildlife nor vegetation on site which would be exposed.

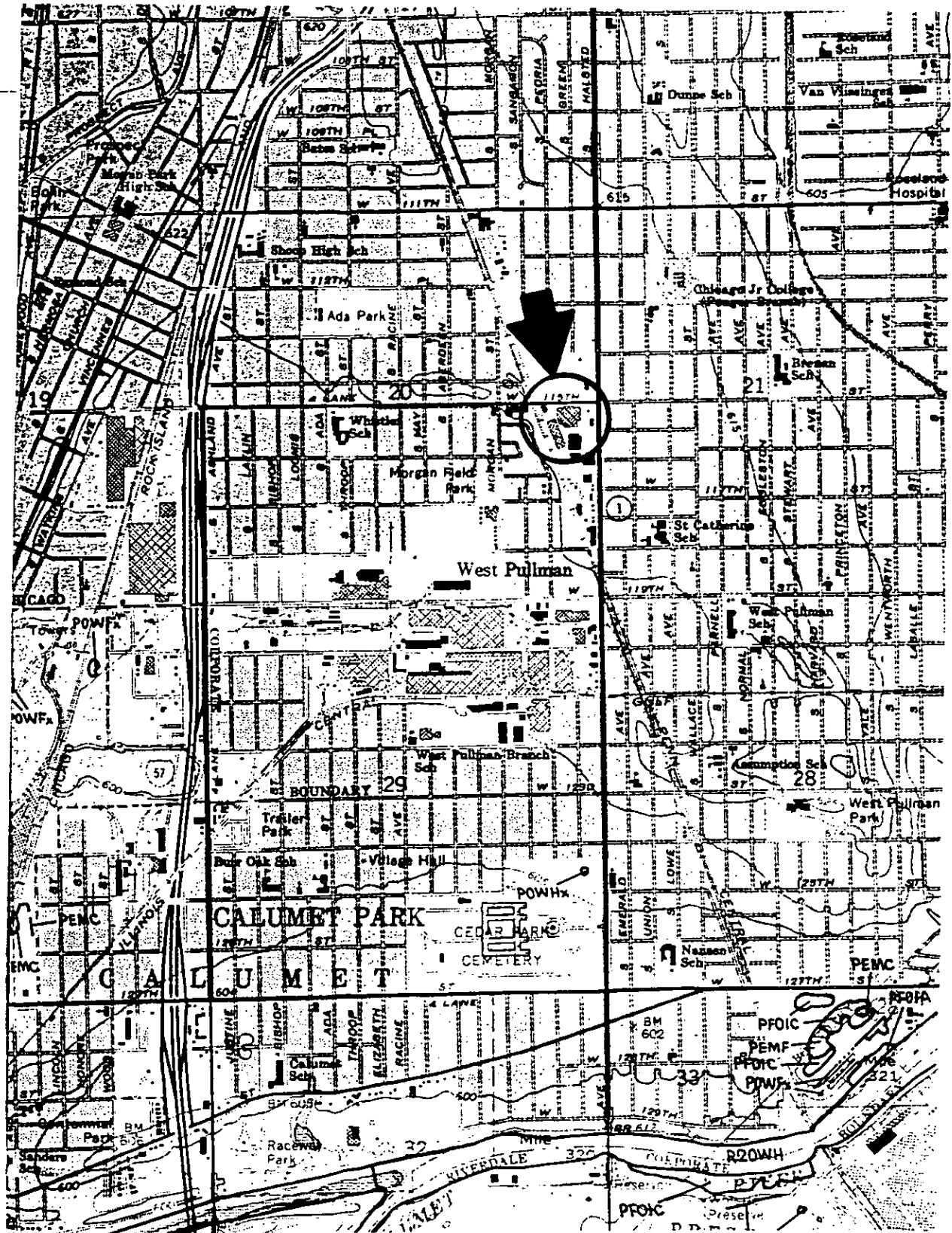
SITE CONDITIONS (Continued)**8.0 Climatological conditions:**

According to the Illinois Agricultural Experiment Station Report No. 108 "Soil Survey of DuPage and Part of Cook County, Illinois" (1976), the survey area (includes the subject site) is generally cold and snowy in winter and warm in summer. In winter the average temperature is 25°F, and the average daily minimum temperature is 17°. In summer the average temperature is 71°, and the average daily maximum temperature is 81°.

Of the total annual precipitation, 22 inches, or 67 percent, usually falls in April through September. Thunderstorms occur on about 37 days each year, and most occur in summer.

Average seasonal snowfall is 39 inches. On the average, 32 days of the year have at least 1 inch of snow on the ground, but the number of such days varies greatly from year to year.

The average relative humidity in midafternoon in Spring is less than 15 percent; during the rest of the year is about 61 percent. Humidity is higher at night, and the average at dawn is about 80 percent.



PROJECT NAME

Chicago Housing Authority
 833 West 115th Street
 Chicago, Illinois

TOPOGRAPHIC MAP

PROJECT NO.

041-4H076-1

DATE

October 28, 1994

ATTACHMENT VIII

PRIOR OBA REPORTS

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAVIS ST/ARLINGTON HTS, IL 60005
(708) 398-1441 • FAX (708) 398-2376



November 19, 1991

Blinderman Construction Co., Inc.
666 Dundee Road, Suite 107
Northbrook, IL 60062

Attention: Mr. Joseph Albrecht

Job No. 91354

Re: Underground storage tank (UST) removed at CHA
project, 833 West 115th Street, Chicago, Illinois

Dear Mr. Albrecht:

On November 1, 1991, an Environmental Specialist of O'Brien & Associates, Inc. was present at the above mentioned site to observe the removal of a 550 gallon waste oil tank as per purchase order #8936 dated August 23, 1991. Upon removal of the tank, it was noted that there was an apparent release from this tank since there was staining of the soils exposed on the excavation's sidewall and there were strong petroleum odors noted. Since there was obvious contamination, work was discontinued and the excavated soils were returned to the excavation. We recovered soil samples representative of the worst conditions noted and placed them in laboratory sterilized jars with teflon lined lids. The samples were stored in a chilled container and transported to Allied Laboratories, Ltd. for BTEX analysis. On November 4, 1991, after conversing with Rich Cooper of your office, we were instructed to have a sample recovered from the site to be tested for purposes of having the contaminated soils disposed of at a landfill as a "special waste". Included with this letter are the test results for this analysis. In summary, the test results indicate that the soil should be satisfactory for special waste.

According to our understanding of current regulations, the owner of the site should report this release to the Illinois Emergency Services & Disaster Agency (ESDA) and is responsible for performing a cleanup of this release. Included with this letter is a copy of the

Field } 11/22/91 JH
P-H

NOV 22 1991

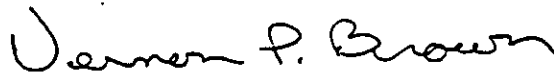
BLINDERMAN

"Responding to Petroleum Leaks and Spills" chart taken from the IEPA Fall 1990 LUST manual and copies of the Eligible/Ineligible Costs from the IEPA cleanup fund and sampling requirement chart taken from the Fall 1991 LUST manual.

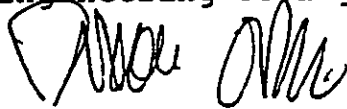
If you have any questions or need additional information, please do not hesitate to contact us.

Very truly yours,

O'BRIEN & ASSOCIATES, INC.



Vernon P. Brown
Engineering Geologist



Dixon O'Brien, P.E.
Vice President

VPB/DOB/jd
enc.

Eligible/Ineligible Costs

ILLINOIS EPA LUST FUND

The IEPA will only reimburse costs incurred by the owner/operator responsible for the ST release which are related to third party liability and/or the study and remediation of contamination at the tank site. Costs unrelated to these areas will not be reimbursed. The following are partial lists of eligible and ineligible costs.

A. Eligible Costs

The Agency shall only approve for payment costs of corrective action which are costs for labor, equipment, materials, overhead and profit that are reasonable for such work in the geographic area where the work is performed for the type of services utilized.

The following are examples of work for which costs are eligible:

1. Removal and disposal of any underground storage tanks if a release from the tank was identified prior to its removal and the Emergency Services and Disaster Agency was notified of the release.
2. The destruction or dismantling and reassembling of above grade structures in response to a release if:
 - a. The costs of such activities are less than \$10,000, and
 - b. A professional engineer certifies that such activities were necessary to perform the corrective action.
3. The destruction of above grade structures in response to a release if:
 - a. The costs of such activities are \$10,000 or more;
 - b. A professional engineer certifies that such activities are necessary to perform the corrective action; and
 - c. The Agency in writing approves the activity before it takes place.
4. Engineering oversight services.
5. Remedial investigation.
6. Remedial design.
7. Feasibility study
8. Laboratory services.
9. Monitoring well installation, if approved in writing by the Agency prior to installation.
10. Monitoring well sampling, if approved in writing by the Agency prior to beginning sampling
11. Installation and operation of systems to remove and treat groundwater or other alternate remedial systems, if approved in writing by the Agency prior to installation.
12. Removal, treatment, transportation and disposal of contaminated soil and groundwater which contain pollutants exceeding corrective action objectives
13. Placement of clean backfill soil to replace contaminated soil to grade.
14. Recovery of petroleum products from groundwater.
15. Performance of alternate technologies, if approved in writing by the Agency prior to initiating performance, for costs which do not exceed the cost of conventional technology by more than 20%.

B. Ineligible Costs

The following are examples of work for which costs are not eligible:

1. Tank repair.
2. Installation of new tanks.
3. Removal of soil or groundwater which is not contaminated or contaminated at a level less than the corrective action objectives.
4. Backfill soil used to replace soil which was not contaminated at levels in excess of the corrective action objectives.
5. Backfill soil placed above grade.
6. Costs of corrective action relative to fraudulent spills, leaks or releases.
7. Business interruptions
8. Costs which have been paid or are payable under a policy of insurance or other agreement.
9. Destruction or dismantling and reassembly of structures not done in response to a release of petroleum from an underground storage tank.
10. Destruction or dismantling and reassembly of above grade structures in response to a release if the requirements of subsection (a)(2)(A) or (B) have not been met.
11. Costs incurred prior to notification of a release to the Emergency Services and Disaster Agency.
12. Costs incurred prior to or inconsistent with work plan approval if work plan approval was required for those activities.
13. Costs of alternative technology which exceed the costs of conventional technology by 20%.

Structure means an above grade construction such as the following: pad, concrete or asphalt paving, curbs, signs, buildings, canopies, support columns and support beams.

Deductible Amounts

- A. For those releases in which the owner or operator had actual or constructive knowledge that such a release had occurred prior to July 28, 1989:
 - If none of the tanks at the site were properly registered, then a \$100,000 deductible applies.
 - If all or some of the tanks at the site were properly registered, then a \$50,000 deductible applies.
- B. For those releases which occurred on or after July 28, 1989, or which first occurred prior to July 28, 1989, but the owner or operator had no actual or constructive knowledge that the release occurred prior to this date:
 - If no tanks at the site were registered before July 28, 1989, then a \$100,000 deductible applies.
 - If some, but not all, tanks at the site were registered before July 28, 1989, then a \$15,000 deductible applies.
 - If all tanks at the site were registered before July 28, 1989, then a \$10,000 deductible applies.

If the owner/operator has incurred more than \$100,000 in eligible costs prior to July 28, 1989 at a site,

Responding to Petroleum Leaks and Spills

1. Act on Potential Dangers

- Evacuate area
- Extinguish open flames, do not smoke
- Under no circumstances touch any electrical appliances/equipment due to the possibility of generating sparks.
- Call local fire department

2. Report the Leak or Spill to Illinois ESDA (Emergency Services and Disaster Agency)

- Report *all* underground leaks within 24 hours
- Immediately report any release of petroleum which leads to a sheen on a surface water
- Immediately report spill or leak of 12.5 or more gallons of gasoline

IESDA 24 HOUR LINE # - 800/782-7860

3. Find the Source

- Pinpoint the leak or spill. Check whether your pumps are working correctly. Check your tank inventory records for petroleum product losses.
- Bring in a professional to test for tank and/or pipe leaks

4. Stop the Leak or Contain the Spill

- Do not wash product into sewer
- If the leak is in the piping system do not use associated pump
- For spills or overfills - Use an absorbent material (such as cat litter or sawdust) to prevent the product from spreading
- Call in professionals to collect and remove petroleum from the leaking tank to prevent further release into the environment
- Report these efforts to the IESDA

5. Begin Cleanup

- Hire a qualified environmental consultant/contractor
- Perform site investigation with help of a qualified environmental consultant/contractor. IEPA will inform the owner/operator of their responsibilities and outline the information the Agency requires. Be prepared to include the following:
 - a. Site history and background information - names, addresses, phone numbers of current and past owners, number of tanks, ages, size and construction
 - b. Preliminary Site Investigation (owner/operator relies on consultant or contractor for technical assistance) to:
 - i. Define area of contamination
 - ii. Determine effects on ground and surface waters and soil
(note: a groundwater investigation plan must first be approved by the Agency before implementation.)

Remember, this is a partial listing; the Corrective Action Response Requirements letter will request further information.

- The Qualified Environmental Consultant/Contractor Must Prepare a Corrective Action Plan
 - a. Plan must describe proposed cleanup of contaminated soil and/or groundwater
 - i. Effective, efficient cleanup
 - ii. Protect public health and the environment
 - b. When soil cleanup costs exceed \$50,000, plans must be approved by IEPA prior to continuation of soil cleanup.
 - c. Plans for groundwater investigations and groundwater cleanups must be approved by IEPA before implementation.
- Implement Corrective Action

NOTE: This is a general overview. For answers to your specific questions please consult the Guidance Manual for Petroleum Related LUST cleanups in Illinois or call IEPA's Land Pollution Control at 217/785-4728

TABLE 1

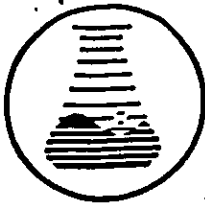
SAMPLING TO DEMONSTRATE THAT CLEAN UP OBJECTIVES HAVE BEEN MET

TYPE OF UNDERGROUND TANK	SOIL	GROUNDWATER
MOTOR GASOLINE (B.P. 150-300 deg F) Leaded*, unleaded, premium gasohol	BENZENE BETX	BENZENE BETX
MIDDLE DISTILLATE FUELS (B.P. 350-700 deg F) aviation turbine fuels (A,A1,B)* jet fuels (JP4,JP5) diesel fuels (Grade 1D, 2D) gas turbine fuel oils (No. 0,1,2) heating fuel oils (No. 1,2) illuminating oils (mineral seal oil, long time burning oil, 300 oil, mineral colza oil) kerosene	BENZENE BETX NAPHTHALENE ACENAPHTHENE ANTHRACENE FLUORANTHENE FLUORENE PYRENE TOT CARC.PNAs TOT NON-CARC.PNAs	BENZENE BETX NAPHTHALENE ACENAPHTHENE ANTHRACENE FLUORANTHENE FLUORENE PYRENE TOT CAR.PNAs TOT NON-CARC.PNAs
HEAVY ENDS (>500 deg F) lubricants (automotive and industrial) Liquid asphalt and dust laying oils transformer oils** and cable oils crude oil and crude oil fractions petroleum feedstocks and petroleum fractions heavy oils hydraulic fluids	BENZENE BETX NAPHTHALENE ACENAPHTHENE ANTHRACENE FLOURANTHENE FLOURENE PYRENE TOT CARC. PNAs TOT NON-CARC. PNAs	BENZENE BETX NAPHTHALENE ACENAPHTHENE ANTHRACENE FLUORANTHENE FLUORENE PYRENE TOT CARC.PNAs TOT NON-CARC.PNAs
WASTE OILS	TOTAL pp***	TOTAL pp***
HAZARDOUS SUBSTANCES petroleum spirits (Type 2,3,4 commercial hexane) mineral spirits or Stoddard solv (Type 1, petrol spirit) high-flash aromatic naphthas (Types I and II) VM&P naphthas-moderately volatile hydrocarbon solvents (Types I,II,III) petroleum extender oils, (Type 101,102,103,104)	TOTAL pp***	TOTAL pp***
SPECIFIC CHEMICAL TANK	SPEC.CHEMICAL	SPEC.CHEMICAL

- * *leaded aviation fuels and leaded gasoline may require sampling for Lead (TCLP in soils)*
- ** *transformer oils require sampling for pcbs*
- *** *priority pollutants fractions should include metals (TCLP in soils), volatiles, base/neutrals, acids, pesticides/pcbs*

NOTE: BETX is the total sum of benzene, ethylbenzene, toluene and xylene concentrations
This table is not intended to define petroleum for purposes of reimbursement from the UST Fund.

Sampling requirements may vary due to site-specific characteristics



ALLIED LABORATORIES, LTD.

716 North Iowa Avenue
Villa Park, IL 60181
Phone: 708. 279. 0390
Fax: 708. 279. 3114

Report No.: 16370

Date: 11-05-91

TO:

Sample Description:

O'Brien & Associates
1235 E. Davis Street
Arlington Heights, IL 60005
Attn: Vernon Brown

C.H.A. CHICAGO

Received: 11-02-91


LABORATORY REPORT :

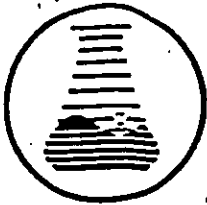
Composite of Allied's samples 7637-1, and 7637-2 (Brought in 11/02/91 for landfill testing)

BENZENE	< 2.0 ppb
TOLUENE	< 5.0 ppb
ETHYLBENZENE	< 5.0 ppb
XYLENE	< 5.0 ppb

USEPA METHOD 8240 (GC/MS, Purge & Trap, Capillary column)

IEPA ALLOWABLE LIMITS: Benzene, 5 ppb, Total BTEX, 11,705 ppb


Irving I. Domsky, Ph.D.
Laboratory Director



ALLIED LABORATORIES, LTD.

716 North Iowa Avenue
Villa Park, IL 60181
Phone: 708. 279. 0390
Fax: 708. 279. 3114

Report No.: 16370-A

Date: 11-08-91

TO:

Sample Description:

O'Brien & Associates
1235 E. Davis Street
Arlington Heights, IL 60005
Attn: Vernon Brown

C.H.A.
CHICAGO

Received: 11-02-91

LABORATORY REPORT:

COMPOSITE SAMPLE -----

pH (10% solution)	7.73.
Arsenic	< 0.01 ppm
Barium	0.38 ppm
Cadmium	0.01 ppm
Chromium	< 0.01 ppm
Lead	0.12 ppm
Mercury	0.0013 ppm
Selenium	0.2 ppm
Silver	0.01 ppm
Flashpoint (open cup)	> 100 C
Paint filter	Passes
Total Cyanide	< 0.5 ppm
Total phenols	< 1.0 ppm
TCLP PCB's	< 0.5 ppm
Reactive sulfides	9.5 ppm

4 P Doms
Irving I. Domskey, Ph.D.
Laboratory Director



ALLIED LABORATORIES, LTD.

716 North Iowa Avenue
Villa Park, IL 60181
Phone: 708. 279. 0390
Fax: 708. 279. 3114

Report No.: 16370-B

Date: 11-11-91

TO:

Sample Description:

O'Brien & Associates
1235 E. Davis Street
Arlington Heights, IL 60005
Attn: Vernon Brown

C.H.A.
CHICAGO

Received: 11-02-91

LABORATORY REPORT:

COMPOSITE SAMPLE -----

ACETONE	< 100 ppm
N-BUTYL ALCOHOL	< 100 ppm
BENZENE	< 100 ppm
CARBON DISULFIDE	< 100 ppm
CARBON TETRACHLORIDE	< 100 ppm
CHLOROBENZENE	< 100 ppm
CRESOLS/CRESYLIC ACID	< 100 ppm
CYCLOHEXANONE	< 100 ppm
1,2,- DICHLOROBENZENE	< 100 ppm
ETHYL ACETATE	< 100 ppm
ETHYLBENZENE	< 100 ppm
ETHYL ETHER	< 100 ppm
ISOBUTANOL	< 100 ppm
METHANOL	< 100 ppm
METHYLENE CHLORIDE	< 100 ppm
METHYL ETHYL KETONE	< 100 ppm
METHYL ISOBUTYL KETONE	< 100 ppm
NITROBENZENE	< 100 ppm
2-NITROPROPANE	< 100 ppm
PYRIDINE	< 100 ppm
TETRACHLOROETHYLENE	< 100 ppm
TOLUENE	< 100 ppm
1,1,1-TRICHLOROETHANE	< 100 ppm
1,1,2-TRICHLOROETHANE	< 100 ppm
1,1,2-TRICHLORO-1,2,2-TRIFLUORETHANE	< 100 ppm
TRICHLOROETHYLENE	< 100 ppm
TRICHLOROFLUOROMETHANE	< 100 ppm
XYLENES	< 100 ppm

Irving I. Domsky
Irving I. Domsky, Ph.D.
Laboratory Director

FROM :

PHONE NO. : 708 398 2376

P01

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAVIS ST/ARLINGTON HTS. IL 60005
(708) 398-1441 • FAX (708) 398-2376



FAX TRANSMISSION

TO Joe Albrecht

DATE 6-16-92

FROM Brown

PAGE 1

NO. OF FOLLOWING PAGES: 2

RE: CHA Landfill test

RECEIVED

JUN 16 1992

BLINDERMAN
CONSTRUCTION CO., INC

Field
WMI
CHA } 6/19/92 JA



ALLIED LABORATORIES, LTD.

716 North Iowa Avenue
 Villa Park, IL 60181
 Phone: 708. 279. 0390
 Fax: 708. 279. 3114

Report No.:

10370-B

Date:

11-11-91

Sample Description:

C.H.A.
 CHICAGO

TO:

O'Brien & Associates
 1235 E. Davis Street
 Arlington Heights, IL 60005
 Attn: Vernon Brown

Received:

11-02-91

LABORATORY REPORT :

RE: EPA METHOD 8240

COMPOSITE
 SAMPLE

2-ETHOXY ETHANOL	< 100 ppm
ACETONE	< 100 ppm
N-BUTYL ALCOHOL	< 100 ppm
BENZENE	< 100 ppm
CARBON DISULFIDE	< 100 ppm
CARBON TETRACHLORIDE	< 100 ppm
CHLOROBENZENE	< 100 ppm
CRESOLS/CRESYLIC ACID	< 100 ppm
CYCLOHEXANONE	< 100 ppm
1,2-DICHLOROBENZENE	< 100 ppm
ETHYL ACETATE	< 100 ppm
ETHYLBENZENE	< 100 ppm
ETHYL ETHER	< 100 ppm
ISOBUTANOL	< 100 ppm
METHANOL	< 100 ppm
METHYLENE CHLORIDE	< 100 ppm
METHYL ETHYL KETONE	< 100 ppm
METHYL ISOBUTYL KETONE	< 100 ppm
NITROBENZENE	< 100 ppm
2-NITROPROPANE	< 100 ppm
PYRIDINE	< 100 ppm
TETRACHLOROETHYLENE	< 100 ppm
TOLUENE	< 100 ppm
1,1,1-TRICHLOROETHANE	< 100 ppm
1,1,2-TRICHLOROETHANE	< 100 ppm
1,1,2-TRICHLORO-1,2,2-TRIFLUORETHANE	< 100 ppm
TRICHLOROETHYLENE	< 100 ppm
TRICHLOROFLUOROMETHANE	< 100 ppm
XYLENES	< 100 ppm

RECEIVED

JUN 16 1992

BLINDERMAN
 CONSTRUCTION CO.

[Handwritten signature]



ALLIED LABORATORIES, LTD.

716 North Iowa Avenue
Villa Park, IL 60181
Phone: 708. 279. 0390
Fax: 708. 279. 3114

Report No.: 16370-A

Date: 11-08-91

Sample Description:

TO:

O'Brien & Associates
1235 E. Davis Street
Arlington Heights, IL 60005
Attn: Vernon Brown

C. F. A.
CHICAGO

Received: 11-02-91.

LABORATORY REPORT:

RE: TEST METHOD FOR TOTAL PCB'S SW-846-8080
METALS BY TCLP

COMPOSITE
SAMPLE

pH (10% solution)	7.73.
Arsenic	< 0.01 ppm
Barium	0.38 ppm
Cadmium	0.01 ppm
Chromium	< 0.01 ppm
Lead	0.12 ppm
Mercury	0.0013 ppm
Selenium	0.2 ppm
Silver	0.01 ppm
Flashpoint (open cup)	> 100 C
Paint filter	Passes
Total Cyanide	< 0.5 ppm
Total phenols	< 1.0 ppm
Total PCB's	< 0.5 ppm

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAVIS ST/ARLINGTON HTS. IL 60005
(708) 398-1441 • FAX (708) 398-2376



July 27, 1992

Blinderman Construction Co., Inc.
666 Dundee Road, Suite 107
Northbrook, IL 60062

Attention: Mr. Joseph Albrecht

Job No. 91354

Re: Underground storage tank (UST) cleanup at CHA site,
833 West 115th Street, Chicago, Illinois

Dear Mr. Albrecht:

At your request, we provided the services of an environmental specialist at the above noted site during remediation of a leaking underground storage tank (LUST) excavation for a 550 gallon used oil UST which had been removed on November 1, 1991. Our representative was also on site to obtain soil samples to document the cleanup work. The remediation was performed under the direction of Mr. David Vasquez, a representative from Carnow, Conibear & Associates, Ltd., the environmental consultant representing the Chicago Housing Authority (CHA).

A total of 45 yards of petroleum contaminated soils were excavated and transported to Settlers Hill Landfill in Batavia, Illinois, in accordance with the contract between Blinderman Construction and CHA. These materials were excavated on the basis of an obvious petroleum odor and dark discoloration. Manifests were handled by Mr. Richard Cooper of Blinderman Construction and field copies were left in his possession for final distribution. Under the direction of Mr. Vasquez, attempts were made to separate uncontaminated surficial soils. However, because the contamination was present at a very shallow depth, it was not possible to separate the contaminated and uncontaminated materials.

Soil samples were recovered from the excavation sidewalls for screening purposes to determine if "clean" soils were present at the excavation margins. The general soil sequence observed consisted of 3.0' of miscellaneous clay fill overlying a 1.0' layer of organic topsoil which was underlain by a granular layer extending to the maximum depth of the excavation, approximately 6.0' below ground surface. Visual observation and screenings with an HNU meter indicated that were significant amounts of apparently contaminated soils still present subsequent to removing the 45 cubic yards. Following is a table summarizing the screenings

RECEIVED

Field
CHA
PH
7/30/92 JH

JUL 28 1992

BLINDERMAN

Table I: Summary of HNU Screenings

<u>Sample No.</u>	<u>Location</u>	<u>Comments</u>
1	North Sidewall: granular soil at -4.0'	Organic odor Headspace: 1 ppm Appears clean
2	South Sidewall: topsoil	No petroleum Headspace: 4 ppm Appears clean
3	South Sidewall: granular material below topsoil	Trace petroleum odor Headspace: 40 ppm Possible solvent contamination
4	East Sidewall: topsoil	Medium petroleum odor Headspace: 13 ppm Still contaminated
5	Composite Bottom of exposed granular	Organic odor Headspace: 15.5 ppm Suspect still contaminated
6	North Sidewall: topsoil	No odor Headspace: 1.5 ppm Appears clean

Subsequent to excavating the contaminated soils, several test pits were performed under the direction of Mr. Vasquez in attempt to define the limits of contamination still present. Refer to Figure 1 for location of test pits and Table II for a summary of the field observations.

Table II: Test Pit Summary

<u>Test Pit</u>	<u>Comments</u>
1	Field tile encountered with free oil product and soils with strong petroleum odor at 3' to 4'.
2	No suspect soils encountered from 0' to 4.5'; topsoil sample had headspace reading of 2.4 ppm; underlying granular had headspace of 0.6 ppm.

<u>Test Pit</u>	<u>Comments</u>
3	No suspect soil encountered; topsoil had headspace of 0.8 ppm.
4	No suspect soils encountered; granular headspace sample: 0.6 ppm.
5	Hand dug with shovel at east edge of hold down slab in excavation; water infiltrated hole with suspect surficial discoloration; soil had solvent odor; headspace: 2.5 ppm.


Based on the field observations detailed above, it appears there are still petroleum contaminated soils adjacent to the excavation's east and south sidewalls and at the base of the excavation. It also appears that some of the contamination present may be related to solvents, which may have been disposed of in the UST. In addition to the contaminated soil conditions, it is also possible that the ground water has been impacted. The amount of contaminated soils still present and ground water conditions cannot be determined without performing a more detailed investigation.

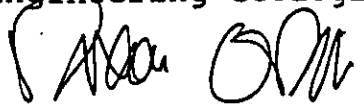
Based on the fact that there were obviously contaminated soils still present, we were instructed by Mr. Vasquez and Mr. Cooper not to recover soil samples for analytic testing. Excavating operations were photographed for future documentation. These photographs will be kept available for your use.

If you have any questions or need additional information, please do not hesitate to contact us.

Very truly yours,

O'BRIEN & ASSOCIATES, INC.

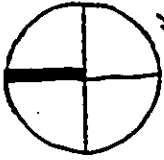

Vernon P. Brown
Engineering Geologist


Dixon O'Brien, P.E.
Vice President

VPB/DOB/jd

FIGURE 1: UST DIAGRAM

NORTH



SCALE 1" = 10'

EXISTING BUILDING

TP-2

TP-1

EXCAVATION

TP-4

TP-3

TP-5

Hold
Down
Slab

EXISTING BUILDING

LOCATION DIAGRAM

UST INVESTIGATION: USED OIL
CHA
833 West 115th Street
Chicago, Illinois

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
P.O. BOX 1231
ARLINGTON HEIGHTS, ILLINOIS
(708) 398-1441

DRAWN BY VPB

APPROVED BY DOB

DATE 7-27-92

JOB NO. 91354

ATTACHMENT IX
PRIOR CCA REPORT

**UNDERGROUND STORAGE TANK
PRELIMINARY CLOSURE
CHICAGO HOUSING AUTHORITY
833 WEST 115TH STREET
CHICAGO, ILLINOIS**

Prepared for:

**Mr. Ken Demuth
Pappageorge Haymes
814 North Franklin
Chicago, Illinois 60610**

**CCA Project No. 102262-A001
August 14, 1992**



CARNOW, CONIBEAR & ASSOCIATES, LTD.

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 - 4.2.2 Site Soil
 - 4.2.3 Organic Vapor Analyzer Test Result
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APPENDIX

**UNDERGROUND STORAGE TANK PRELIMINARY CLOSURE
CHICAGO HOUSING AUTHORITY
833 WEST 115TH STREET
CHICAGO, ILLINOIS**

1.0 REPORT SUMMARY

The preliminary remediation monitoring and site investigation were completed as part of the underground storage tank (UST) preliminary closure for the property located at 833 West 115th Street in Chicago, Illinois. A preliminary remediation (soil excavation and disposal) monitoring program was performed on the backfill material from the former underground storage tank located behind the building at the referenced job site. Visually contaminated soil was encountered and elevated levels of organic vapors were measured on the Hnu organic vapor analyzer during the remediation monitoring program. The amount of contaminated soil for removal exceeded the limit of forty-five (45) cubic yards set by the Chicago Housing Authority (CHA). Therefore, a preliminary site investigation was performed to determine the extent of contaminated soil around the former UST. The site investigation consisted of five (5) test pits performed in the area around the former (UST) location. These test pits were placed in a radial pattern around the former UST at a distance of approximately 12 to 50 feet from the center of the former UST. All of the test pits were dug with a backhoe/loader to a depth of approximately six (6) feet below the ground surface. Six (6) representative field soil samples, obtained from these test pits were field analyzed with a Hnu organic vapor analyzer. During the site investigation, elevated levels of volatile organic vapors were detected on an HNu organic vapor analyzer. The purpose of this investigation was to determine the presence and extent of subsurface contamination from the former underground storage tank (UST). It is estimated that the contamination has dispersed horizontally a distance of 12 - 40 feet from the center of the tank.

Additional details of test results can be found in the body of this report.

2.0 PROJECT OVERVIEW

2.1 Introduction

The preliminary remediation monitoring and site investigation program authorized for the referenced project site located at 833 West 115th Street in Chicago, Illinois, was initiated on July 9, 1992.

The purpose of this report is to present the results of the preliminary remediation monitoring and site investigation. The remediation monitoring program consisted of soil removal operations and manifesting the contaminated soil for proper disposal of the non-hazardous waste off site. The site investigation evaluated environmental conditions at the test pit locations and attempted to identify the presence and the extent of contamination. Field soil samples collected from the



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Chicago Housing Authority
Chicago, Illinois**

test pit locations were visually inspected, classified and analyzed in the field using an HNu organic vapor analyzer.

This work was completed at the request of Ms. Evon Parks of the Chicago Housing Authority and Mr. Ken Demuth of Pappageorge Haymes, Ltd.

2.2 Project Description/Methodology

On July 9, 1991, Carnow, Conibear, & Associates, Ltd. (CCA) responded to a request by Ms. Evon Parks and Mr. Ken Demuth to monitor a preliminary remediation monitoring program and supervise the site investigation of the underground storage tank (UST) located at 833 West 115th Street in Chicago, Illinois. (Section 20, Township 37 North, Range 14 East, of the Third Principle Meridian, Cook County, Illinois). Rich Cooper of Blinderman Construction Company, Ltd., the RW Collins Company, Vern Brown of O'Brien & Associates, Ltd. and David Vasquez of Carnow, Conibear & Associates, Ltd. were at the referenced job site for the preliminary remediation monitoring and site investigation of the contaminated soil.

During the remediation monitoring stage Vern Brown of O'Brien & Associates, Ltd. utilized an Hnu organic vapor analyzer to assist in the removal of the areas of contamination. O'Brien & Associates, Ltd. collected representative field soil samples to verify the complete removal of contaminated soil. Manifest forms were completed and signed by the generator, transporter and landfill operator for proper disposal of the contaminated soil off site.

Carnow, Conibear & Associates, LTD. (CCA) was also retained to supervise the site investigation which attempted to identify the presence and the extent of subsurface contamination. Blinderman Construction Co., and RW Collins Company initiated the investigation with test pits around the former UST. All the test pits were completed to a depth of approximately six (6) feet or until visually clean soil was encountered. All the field samples were tested in the field for evidence of petroleum product contamination both visually and with an organic vapor analyzer.

2.3 Background Information

On November 1, 1991, Rich Cooper of Blinderman Construction Co., Inc, Randy Corben of RW Collins Company, Mike Madison of O'Brien & Associates, Inc., George Roberts from the City of Chicago and David Vasquez of Carnow, Conibear & Associates, Ltd. were at the referenced job site for the removal of the underground storage tank (UST).

This UST was approximately 500 - gallons and was used to store waste oil. The UST appeared to be in good condition with no corrosion, holes or rust. Personnel from CCA observed



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significant soil discoloration on the walls of the excavation and a strong odor of a petroleum product. It was determined that contamination was from over spill and poor housekeeping. During the excavation groundwater or perched water was encountered at a level of approximately five (5) feet below the ground surface. It has not been determined if the water encountered was groundwater, or perched water from recent precipitation in the area. The base of the excavation contained a concrete anchor pad and the west wall consisted of a building foundation. A total of three (3) soil samples were collected by Mike Madison of O'Brien & Associates, Ltd. from the north, south and east walls. Samples were not collected from the base of the excavation and west wall. The excavation was approximately 8 x 6 x 8 feet in dimension and was backfilled with the UST backfill material until further notice.

The samples were delivered to Allied Laboratories, Ltd., in Villa Park, Illinois, by O'Brien & Associates, Inc. Of the three samples collected only two samples were received and analyzed by Allied Laboratories, Ltd. The samples were composited and analyzed for pH, Metals, Waste Characteristics, Total Cyanide, Total Phenols, Total Characteristic Leaching Procedure (TCLP) PCB's, Reactive Sulfides, Volatile Organic Compounds and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX). According to the results, the Volatile Organic Compounds test revealed elevated levels of trichloroethylene while the remaining tests revealed levels that were below the Illinois Environmental Protection Agency (IEPA) established limits. Copies of the test results are presented in the appendix of this report.

3.0 GENERAL SITE DESCRIPTION

3.1 Location

The subject property is located at 833 West 115th Street in Chicago, Illinois in Section 20, Township 37 North, Range 14 East of the Third Principle Meridian in Cook County, Illinois.

3.2 Current Use

The site is currently the location of the main office for the Chicago Housing Authority (CHA). The site consists of a one story building and is constructed of masonry brick. The building is used for the offices of the CHA and to store construction material. The underground storage tank was located approximately forty (40) feet behind the main building. The underground storage tank was used to store waste oil from the former tenant of the building. The former tenant was a bus company which had a mechanical department for the repair and maintenance of the buses.

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Chicago, Illinois**

4.0 FIELD OBSERVATION

4.1 Remediation Monitoring

4.1.1 Remedial Action

Initially, remedial action occurred on November 1, 1991 with the removal of the UST, and sample collection for closure, however results from the initial sample collection warranted additional soil removal and retesting for closure.

Remedial action continued on July 9, 1992, a total of forty-five (45) cubic yards of non-hazardous contaminated soil waste was manifested and removed from the subject property. The waste was disposed to Settler's Hill Landfill located at 1031 E. Fabyan Parkway, Batavia, Illinois 60510. Manifest forms, numbered 3707649, 3707650 and 3707651, were completed and signed by Mr. Wadie Moore, Superintendent with the Chicago Housing Authority. Carnow, Conibear & Associates, Ltd. monitored the excavation and removal of the waste. O'Brien & Associates, Ltd. collected representative field soil samples and performed field analysis to determine the depth and extent of contamination during the excavation. Excavation of the contaminated area continued until the limit of forty-five (45) cubic yards of soil, allowed by the CHA, was reached. After the limit of cubic yards was reached, and field analysis indicated that additional soil be removal, Ms. Evon Parks of the CHA approved a preliminary site investigation to locate the extent of contamination. Additional remediation was not performed. Figure 3 in the appendix of this report contains the location of samples collected from the excavation.

4.1.2 Organic Vapor Analyzer Test

All samples collected from the excavation during the remediation monitoring program were tested for evidence of contamination both visually and with an Hnu organic vapor analyzer which measures volatile organic vapors in parts per million (ppm). Field samples were placed in plastic zip lock bags and allowed to volatilize. The Hnu organic vapor analyzer measures the volatilization of gases in air by utilizing the photoionization energy of the gases, which causes a deflection of a needle on a meter. Field analysis was performed by using the head space method. The head space method involves testing the air, around the collected sample, in the plastic zip lock bag after a period of time has elapsed. Time is necessary so that the contaminated field sample can volatilize, after which the air is tested. Samples collected from the excavation ranged in values from 1.5 to 40 ppm on the Hnu organic vapor analyzer. Table I in the appendix of this report presents the sample number, sample location, material type, sample depth and range of Hnu organic vapor analyzer values obtained from the excavation.



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4.1.3 Field Test Results

On July 9, 1992, six (6) representative field soil samples were placed in plastic zip lock bags and allowed to volatilize. All the samples were selected on the basis of visual observation and petroleum odor. A Civil Engineer from CCA was present at the site to monitor the selection of the representative soil samples to be tested for field analysis. All field samples were collected and field tested by Vern Brown of O'Brien & Associates, Ltd. Field test results indicated elevated levels of contamination on the walls of the excavation. Two (2) samples collected from the south wall revealed levels of 4 ppm and 40 ppm at a depth of 3 feet and 4.5 feet, respectively. One (1) sample collected from the east wall measured 13ppm at a depth of 3 feet below the surface level. One (1) composite sample collected from the base of the excavation measured 15 ppm at a depth of 5 feet. Two (2) samples collected from the north wall revealed levels of 1.5 ppm and 4 ppm at a depth of 3 feet and 4.5 feet, respectively. During the field test it was observed that the visually contaminated material, a black sand at a depth of approximately 3 feet, produced lower levels on the Hnu organic vapor analyzer, while the brown sand material, at a depth of 4.5 feet, produced higher levels on the Hnu analyzer. These sample results indicate that the walls and base of the excavation are contaminated and that further excavation will be necessary beyond the forty-five cubic yards removed.

4.2 Site Investigation

4.2.1 Subsurface Exploration and Field Procedures

The test pits were performed utilizing backhoe/loader excavating equipment. The test pits were dug to a depth of approximately six (6) feet below the ground surface or until soil contamination was encountered.

Field samples were collected by Vern Brown of O'Brien & Associates and placed in plastic zip lock bags for head space analysis with a Hnu organic vapor analyzer. Each soil sample taken from these test pits was visually classified on the basis of texture and plasticity. All test pits were logged in the field by a Vern Brown of O'Brien & Associates, Ltd. and David Vasquez of Carnow, Conibear & Associates, Ltd. (CCA).

There were numerous concrete construction blocks in the vicinity of the excavation. The concrete blocks were placed in this area by the CHA for storage purposes. The presence of these concrete blocks limited the working area around the excavation. Therefore the test pits could only be placed at a distance which was limited by the concrete blocks. See figure 3 for the location of the concrete blocks.



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4.2.2 Site Soil

General information regarding the soil conditions encountered at each test pit location are indicated below. On the basis of the test pits performed as part of this exploration program for this site, the following general soil profile has been identified.

Surface Material

At the majority of the test pit locations, approximately eight inches to one (1) foot of a crushed limestone base course was observed. Varying amounts of fill material consisting of crushed brick and wood were present at this level.

Upper Sand Layer

A layer of brown medium grain sand, approximately one foot to two feet thick, was encountered below the fill material or the surface material.

Lower Sand Layer

Below the upper sand layer, a black medium grain sand was present to a depth of approximately four (4) to six (6) feet below the ground surface. Varying amounts of gravel was present in all the test pits at this level. This layer of sand displayed unusual soil discoloration and/or unusual odor, indicating possible contamination from a petroleum product. See tables in the appendix for field analysis of samples collected from the test pits.

Natural Sand Layer

Below the lower sand layer, a natural brown medium grain sand was encountered below the lower sand layer. The natural sand layer was encountered at a depth of approximately six (6) to seven (7) feet below the ground surface. A slight odor of a petroleum product was noticeable in this layer just below the lower sand layer.

4.2.3 Organic Vapor Analyzer Test

All samples retrieved from the test pits were tested for evidence of contamination both visually and with an organic vapor analyzer which measures volatile organic vapors in parts per million (ppm). Hnu organic vapor analyzer results range from 0.6 ppm to 2.5 ppm.



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4.2.4 Field Test Results

Six (6) field soil samples were placed in plastic zip lock bags and allowed to volatilize. All the samples were selected on the basis of visual observation and petroleum odor. A Civil Engineer from CCA was present at the site to assist in the selection of the representative soil samples to be tested for field analysis.

Six (6) representative field soil samples were selected from test pit locations TP-2, TP-3, TP-4 and TP-5 at a depth of approximately 3 to 6 feet below the ground surface. Test pit number one (TP-1) was placed approximately 30 feet east of the tank center. TP-1 revealed an oily liquid and black sand with a strong odor of petroleum, however no sample was collected. TP-2 was placed approximately 50 feet east of the tank center. Two (2) samples collected from TP-2 measured 2.4 ppm and 0.6 ppm at depths of 3 feet and 5 feet, respectively. TP-3 was placed approximately 12 feet north of the tank center. Two (2) samples collected from TP-3 measured 1.3 ppm and 0.8 ppm at a depth of 2.5 feet and 4 feet, respectively. TP-4 was placed approximately 12 feet south of the tank center. One (1) sample collected from TP-4 measured 0.6 ppm at a depth of 6 feet. TP-5 which was placed just east of the tank slab at the base of the excavation, measured 2.5 ppm at the depth of 8 feet. See table II for sample number, sample depth, distance from center of tank, direction from center of tank and range of Hnu organic vapor values obtained from the test pits. All the test pits revealed levels of contamination and due to the levels of the field measurements, it is possible that contamination exists and extends beyond the location of the UST excavation.

The location of the test pits were limited due to the presence of the concrete construction blocks which were placed in the vicinity of the excavation. Test pits could not be placed at a further distance from the excavation to determine the location of clean soil. It may be possible that the contamination may extend beyond the location of the test pits.

4.2.5 Recommendations

Based upon soil conditions, organic vapor analyzer readings, visual examination of the soils, and the location of the test pits relative to the former UST, it is assumed that the extent of contaminated subsurface soils at the subject property has dispersed to a radius of approximately 12 - 40 feet from the former UST.

Based upon the test pit profiles, it has been determined that migration of released petroleum products has dispersed in a horizontal direction within the sand layers between an approximate depth of two (2) to four (4) feet. Given the location of the test pits it is evident that the contamination has dispersed horizontally to a 12 - 40 foot radius. Horizontal dispersion may be due to seasonal fluctuations in the groundwater or perched water table, which was observed

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during the removal of the UST on November 1, 1992. The depth of visibly contaminated soil corresponds to the depth at which the groundwater or perched water was observed during the UST removal. Vertically, the contamination can be traced to a depth of approximately 6 feet around the former UST, however the vertical depth directly below the UST was not determined due to the limited reaching distance of the backhoe/loader equipment.

The options, which are available to the Chicago Housing Authority, are to return to the site and remove additional soil or to seek site specific clean up objectives from the Illinois EPA.

If remediation is pursued, the amount of contaminated soil to be removed, based on field analysis, site soil and test pit location is estimated to be approximately 75 to 370 cubic yards of soil. This estimate was determined from measurements performed in the field. The thickness of contaminated soil was determined to be approximately four (4) feet. While the radial distance was determined to be approximately 12 - 40 feet. Since test pits could not be performed where the concrete blocks were located, it may be beneficial to perform a more thorough site investigation. Soil borings or hand borings may be performed to determine a more exact amount of soil to be removed before remediation begins. Samples collected from these borings should be laboratory analyzed to determine more accurately if the soils are contaminated above or below the established limits set by the Illinois Environmental Agency (IEPA).

Site specific objectives may be obtained from the Illinois Environmental Protection Agency to determine clean up objectives. These site specific objectives may be more or less stringent than the present clean up objectives. Site specific objectives are determined on site by site basis. Due to the lack of man power, the IEPA may not be able to review, process and set site specific objectives for this site in a timely manner, therefore time consideration is the major factor to consider if site specific objectives are pursued.

6.0 CLOSING REMARKS

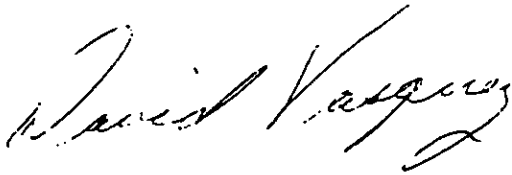
We trust that this report and the information contained herein is sufficient for your present requirements. CCA has taken a conservative but realist approach in carrying out this review. In conducting this assessment, CCA's work was performed consistent with that level of care and skill ordinarily exercised by competent members of the environmental consulting profession.

**Underground Storage Tank Preliminary Closure
Chicago Housing Authority
Chicago, Illinois**

CCA's findings are based on observations and data collected at one point in time. We have welcomed the opportunity to be of service to you on this project. If there are any questions with regard to this report, please call us at your convenience.

Respectfully submitted,

CARNOW, CONIBEAR & ASSOCIATES, LTD.



David Vasquez
Civil Engineer

DV:kl
2648000.083

APPENDIX

1. Figure 1 Site Location Map
2. Figure 2 Site Location Plan
3. Table I Field Analysis of Excavation Samples
4. Figure 3 Excavation Location Plan
5. Table II Field Analysis of Test Pit Samples
6. Figure 4 Test Pit Location Plan
7. Laboratory Test Results



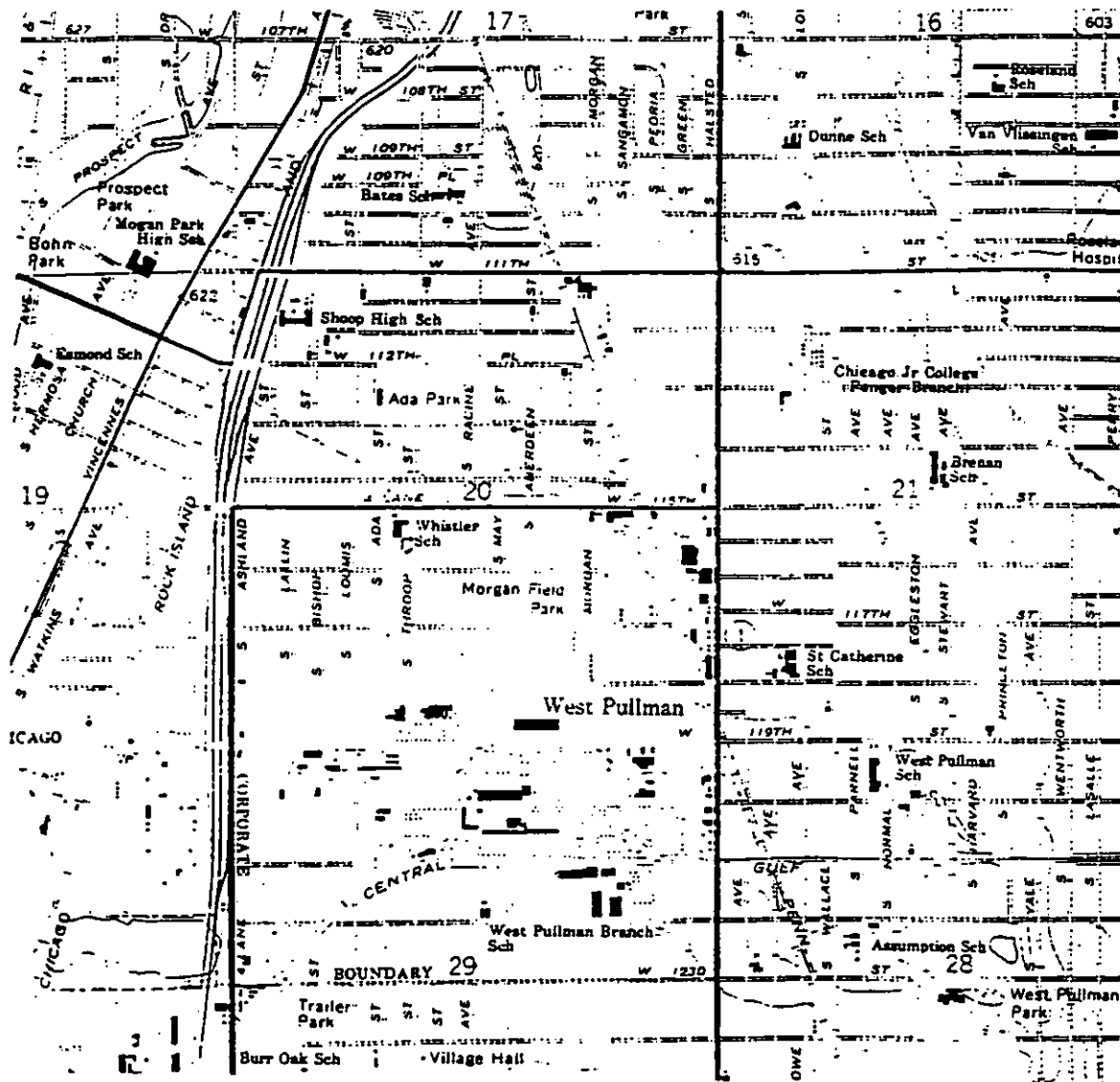
CARNOW, CONIBEAR & ASSOCIATES, LTD.



CARNOW, CONIBEAR & ASSOCIATES, LTD.

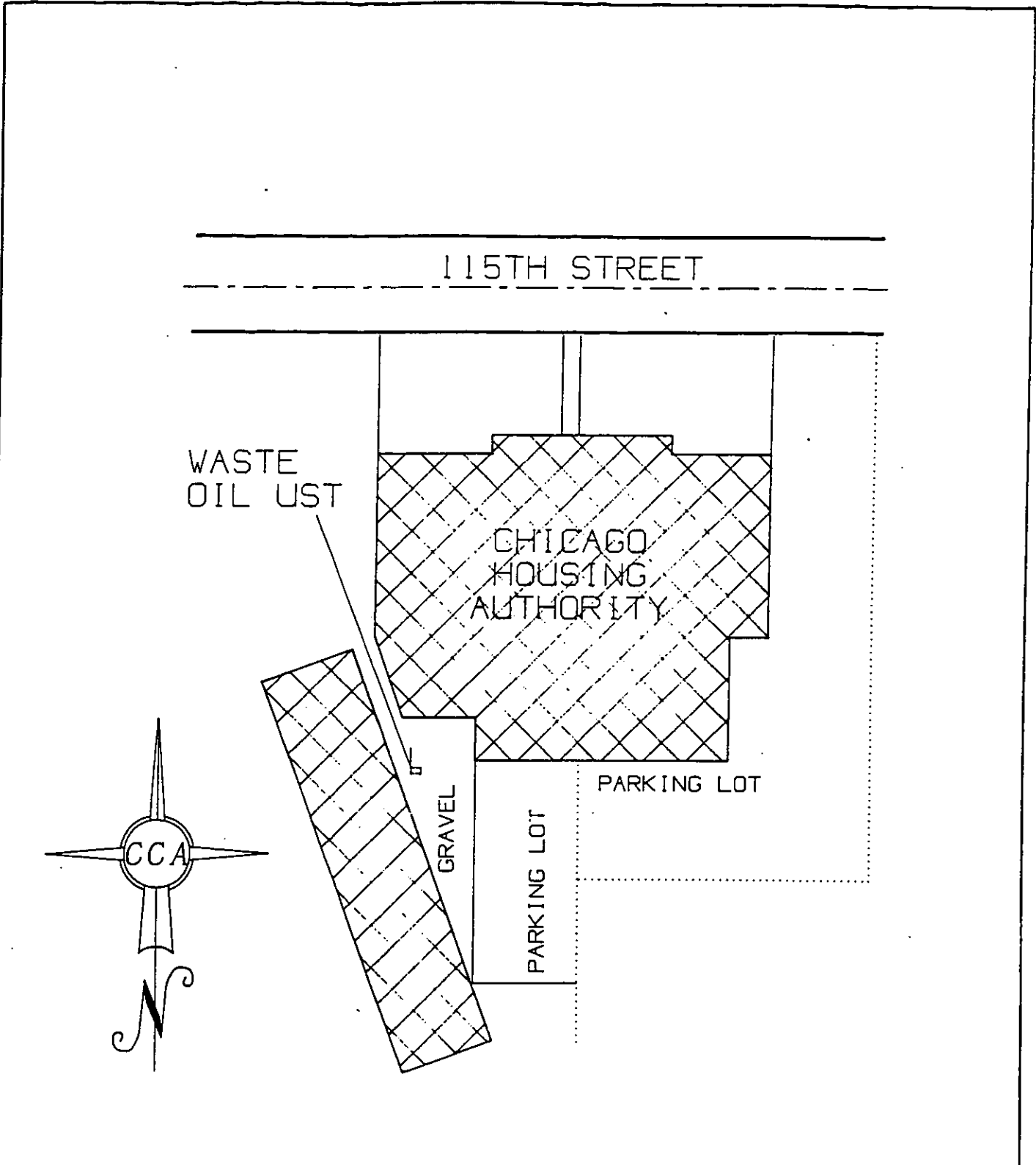
Occupational and Environmental Health Consultants

333 West Wacker Drive, Suite 1400, Chicago, IL 60606, 312/782-4486



Chicago Housing Authority
833 West 115th Street
Chicago, Illinois

Figure 1



CARNOW, CONIBEAR & ASSOC. LTD.

ENVIRONMENTAL SCIENCES & TECH. DEPT.

333 WEST WACKER DRIVE, CHICAGO, ILLINOIS 60606

SITE LOCATION PLAN
 CHICAGO HOUSING AUTHORITY
 833 WEST 115TH STREET
 CHICAGO, ILLINOIS

DATE: 8-14-92	JOB# 102262-A001
DRAWN BY: DJV	DRAWING NO. 2

TABLE I

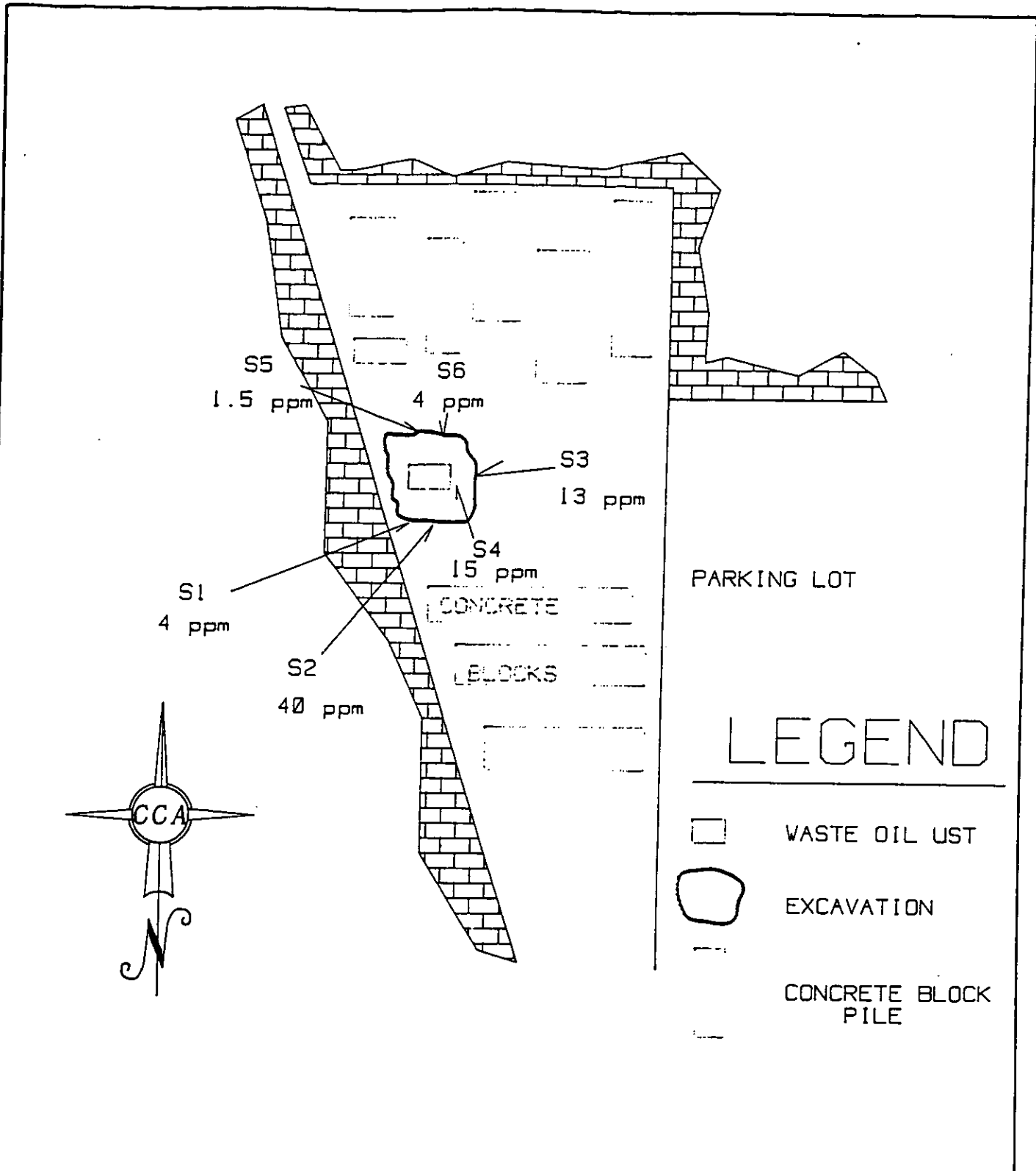
Field Analysis of Excavation Samples

<u>Sample #</u>	<u>Location</u>	<u>Material Type</u>	<u>Sample Depth</u>	<u>Hnu Reading</u>
S-1	South Wall	Black Sand	3 feet	4 ppm
S-2	South Wall	Brown Sand	4.5 feet	40 ppm
S-3	East Wall	Black Sand	3 feet	13 ppm
S-4	Base	Brown Sand	5 feet	15 ppm
S-5	North Wall	Black Sand	3 feet	1.5 ppm
S-6	North Wall	Brown Sand	4.5 feet	4 ppm

See figure 3 for approximate location of the samples collected from the excavation



CARNOW, CONIBEAR & ASSOCIATES, LTD.



CCA CARNOW, CONIBEAR & ASSOC., LTD.
 ENVIRONMENTAL SCIENCES & TECH. DEPT.
 333 WEST WACKER DRIVE, CHICAGO, ILLINOIS 60606

EXCAVATION LOCATION PLAN
 CHICAGO HOUSING AUTHORITY
 833 WEST 115TH STREET
 CHICAGO, ILLINOIS

DATE: 8-14-92	JOB# 102262-A001
DRAWN BY: DJV	DRAWING NO. 3

TABLE II
Field Analysis of Test Pit Samples

<u>Sample #</u>	<u>Sample Depth</u>	<u>Distance from Center of Tank</u>	<u>Direction from Center of Tank</u>	<u>Hnu Reading</u>
TP-1	*	30 feet	East	*
TP-2A	3 feet	50 feet	East	2.4 ppm
TP-2B	5 feet	50 feet	East	0.6 ppm
TP-3A	2.5 feet	12 feet	North	1.3 ppm
TP-3B	4 feet	12 feet	North	0.8 ppm
TP-4	6 feet	12 feet	South	0.6 ppm
TP-5	8 feet	2 feet	East	2.5 ppm

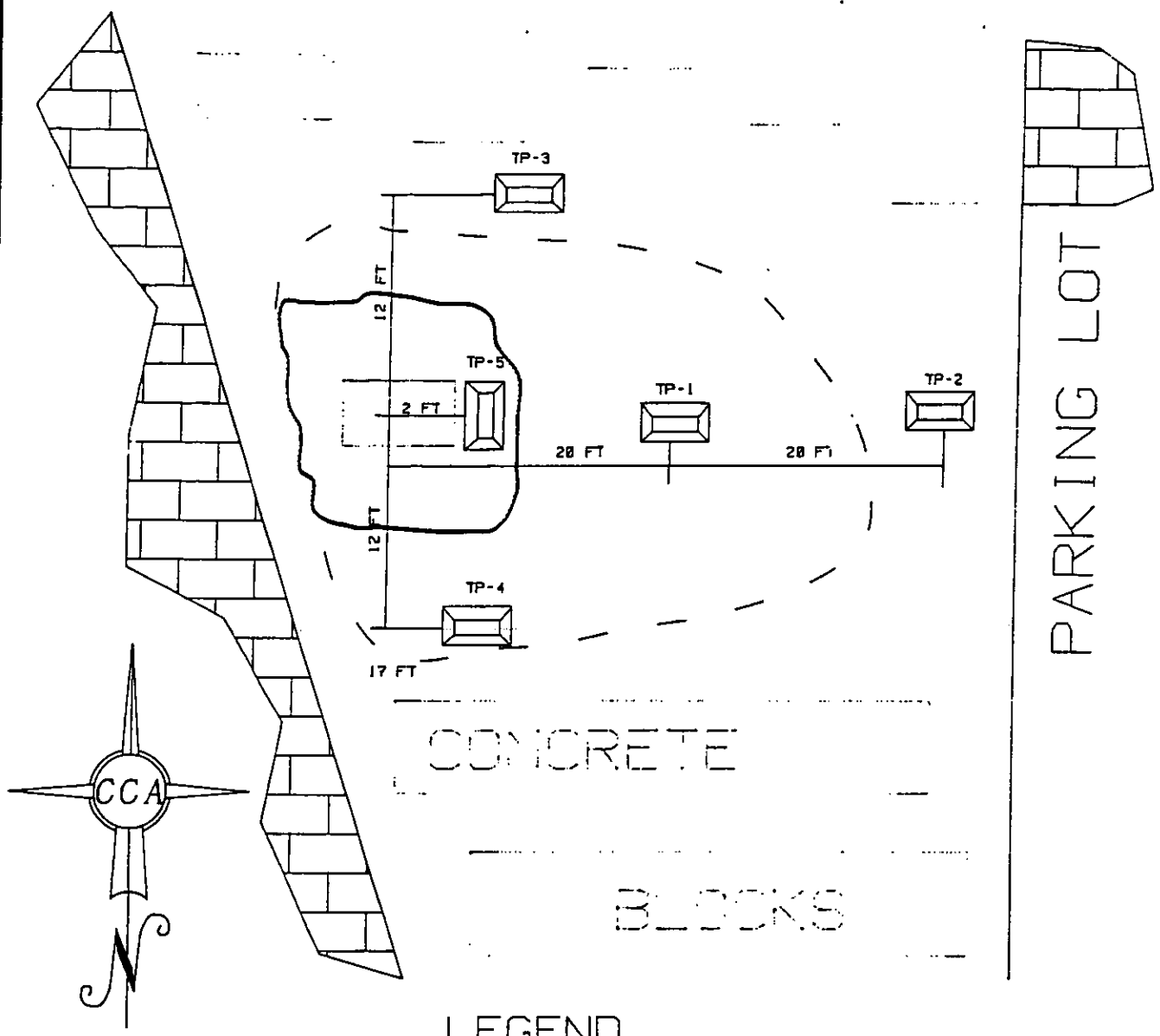
* No sample collected

See figure 4 for approximate location of the samples collected from the test pits.



CARNOW, CONIBEAR & ASSOCIATES, LTD.




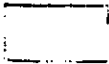

CONCRETE BLOCKS




CONCRETE

BLOCKS

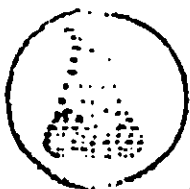
LEGEND

-  TEST PIT
-  EXCAVATION
-  CONCRETE BLOCK PILES
-  UST
-  POSSIBLE CONTAMINATION EXTENT


CARNOW, CONIBEAR & ASSOC., LTD.
 ENVIRONMENTAL SCIENCES & TECH. DEPT.
 333 WEST WACKER DRIVE, CHICAGO, ILLINOIS 60606

TEST PIT LOCATION PLAN
 CHICAGO HOUSING AUTHORITY
 833 WEST 115TH STREET
 CHICAGO, ILLINOIS

DATE: 8-14-92	JOB# 102262-A001
DRAWN BY: DJV	DRAWING NO. 4



ALLIED LABORATORIES, LTD.

716 North Iowa Avenue
Villa Park, IL 60181
Phone: 708. 279. 0390
Fax: 708. 279. 3114

Report No.: 16370-A

Date: 11-08-91

TO:

Sample Description:

O'Brien & Associates
1235 E. Davis Street
Arlington Heights, IL 60005
Attn: Vernon Brown

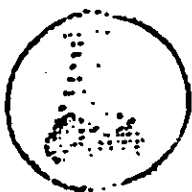
C.H.A.
CHICAGO

Received: 11-02-91

LABORATORY REPORT :

PH (10% solution)	7.73
Asenic	< 0.01 ppm
Bismuth	0.38 ppm
Calcium	0.01 ppm
Chromium	< 0.01 ppm
Copper	0.12 ppm
Mercury	0.0013 ppm
Platinum	0.2 ppm
Silver	0.01 ppm
Flashpoint (open cup)	> 100 C
Paint filter	Passes
Total Cyanide	< 0.5 ppm
Total phenols	< 1.0 ppm
Total PCB's	< 0.5 ppm
Reactive sulfides	9.5 ppm


Irving I. Domsky, Ph.D.
Laboratory Director



ALLIED LABORATORIES, LTD.

776 North Iowa Avenue
Villa Park, IL 60181
Phone: 708. 279. 0390
Fax: 708. 279. 3114

Report No.: 16370-B

Date: 11-11-91

Sample Description:

C.H.A.
CHICAGO

TO:

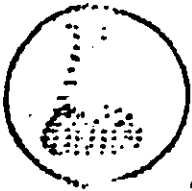
O'Brien & Associates
1235 E. Davis Street
Arlington Heights, IL 60005
Attn: Vernon Brown

Received: 11-02-91

LABORATORY REPORT :

ACETONE	< 0.005 ppm
N-BUTYL ALCOHOL	< 1.0 ppm
BENZENE	< 0.005 ppm
CARBON DISULFIDE	< 0.005 ppm
CARBON TETRACHLORIDE	< 0.005 ppm
CHLOROBENZENE	< 0.010 ppm
CRESOLS/CRESYLIC ACID	< 0.005 ppm
CYCLOHEXANONE	< 0.005 ppm
1,2-DICHLOROBENZENE	< 0.005 ppm
ETHYL ACETATE	< 0.005 ppm
ETHYLBENZENE	< 0.050 ppm
ETHYL ETHER	< 1.00 ppm
ISOBUTANOL	< 1.00 ppm
METHANOL	0.090 ppm
METHYLENE CHLORIDE	< 0.050 ppm
METHYL ETHYL KETONE	< 0.050 ppm
METHYL ISOBUTYL KETONE	< 0.002 ppm
NITROBENZENE	< 0.005 ppm
2-NITROPROPANE	< 0.100 ppm
PYRIDINE	< 0.005 ppm
TETRACHLOROETHYLENE	< 0.005 ppm
TOLUENE	< 0.005 ppm
1,1,1-TRICHLOROETHANE	< 0.005 ppm
1,1,2-TRICHLOROETHANE	< 0.005 ppm
1,1,2-TRICHLORO-1,2,2-TRIFLUORETHANE	0.021 ppm
TRICHLOROETHYLENE	< 0.005 ppm
TRICHLOROFLUOROMETHANE	< 0.010 ppm
ETHYLENES	

Irving I. Domsky
Irving I. Domsky, Ph.D.
Laboratory Director



ALLIED LABORATORIES, LTD.

716 North Iowa Avenue
Villa Park, IL 60181
Phone: 708. 279. 0390
Fax: 708. 279. 3114

Report No. 16370

Date: 11-05-91

Sample Description: C.H.A. CHICAGO

TO:

O'Brien & Associates
1235 E. Davis Street
Arlington Heights, IL 60005
Attn: Vernon Brown

Received: 11-02-91

LABORATORY REPORT :

Composite of Allied's samples 7637-1, and 7637-2 (Brought in 11/02/91 for landfill testing)

BENZENE	< 2.0 ppb
TOLUENE	< 5.0 ppb
ETHYL BENZENE	< 5.0 ppb
XYLENE	< 5.0 ppb

USEPA METHOD 8240 (GC/MS, Purge & Trap, Capillary column)

USEPA ALLOWABLE LIMITS: Benzene, 5 ppb, Total BTEX, 11.705 ppb


Irving I. Domsky, Ph.D.
Laboratory Director

ATTACHMENT X
BCC FIELD REPORT



CONTRACT NO. 6812-M REPORT NO. 83
115th Street Renovation
CONTRACT ~~CHA~~ Central Offices
DATE Thursday, 7/9/92

WEATHER Cloudy
TEMP. - 8 A.M. 68 12 P.M. 82

TOTAL WORK FORCE		
No.	Classification	Hrs.
1	Superintendent	8
	Field Engineers	
	Field Secretary	
	QC Representative	
	Asbestos Workers	
	Bricklayers	
	Carpenters	
	Cement Finishers	
	Electricians	
	Elevator Mechanics	
	Glaziers	
	Iron Workers	
	Laborers	
	Lathers	
1	Operating Engineers	8-1/2 Col
	Painters	
	Pipe Coverers	
	Plasterers	
	Plumbers	
	Roofers	
	Sheet Metal	
	Sprinkler Fitters	
	Steam Fitters	
	Tile Setters	
	Truck Drivers	
2	TOTAL	16-1/2

WORK PERFORMED BY PRIME CONTRACTOR (1 WORKERS):

Supervise and inspect work in progress

SUBCONTRACTORS	
Firm	Workers
R. W. Collins	1

WORK PERFORMED BY SUBCONTRACTORS:

Excavate and load 45 cy special waste soil.
Backfill excavated area with 45 cy of stone fill.
Excavate test holes and backfill same

MATERIALS RECEIVED:
Im Sales -58ton CA 6 O'Brien & Associates - 8 hrs on site soil testing and monitoring
Waste management - Haul of 45 cy special waste.

VERBAL DIRECTIONS AND INSTRUCTIONS BY OWNER'S REPRESENTATIVE:

(CHECK BOX WHETHER CLARIFICATION OR CHANGE DIRECTIVE)

See direction received and documented in Inspections Performed of this report

CHANGE ORDERS, DIRECTIVES & INSTRUCTIONS REQUIRED FROM OWNER:

VISITORS, COMMENTS, ETC:

D. Vasquez of Carnow & Connibear
Vernon Brown of O'Brien & Associates
A. Benages of CHA
L. Scherckenbach of BCC

EQUIPMENT
(CHECK ONE BOX)

- SEE ATTACHED EQUIPMENT CHECKLIST
- SEE EQUIPMENT CHECKLIST WITH DAILY REPORT NO. _____

QUALITY CONTROL

LIST SPECIFIC INSPECTIONS PERFORMED AND RESULTS:

The Contractor removed 30 cy of contaminated soil from the area of the previously removed waste oil tank. D. Vasquez of Carnow & Connibear and E. Parks of the CHA authorized removal of an additional 15 cy in accordance with the contractor's approved change proposal. The excavated area was then examined and the presence of oil and volatile substances remained in the unexcavated soil. D. Vasquez and the contractor contacted E. Parks of CHA and J. Albrecht of BCC and it was agreed to: 1. Not perform any sampling for priority pollutant testing since the samples will only fail. 2. Line the excavated hole with visqueen and backfill to ground level with stone. 3. Use collins backhoe and operator to dig test holes to determine approximately how great the contamination actually is. Test holes to be backfilled

LIST TYPE AND LOCATION OF TESTS PERFORMED AND RESULTS:

with excavated material.

Test holes were excavated to approximately 6' deep at the locations on the attached sketch dated 7/19/92 (reference attached sketch dated 7/9/92).

VERBAL INSTRUCTIONS RECEIVED FROM OWNER'S REPRESENTATIVE ON CONSTRUCTION DEFICIENCIES OR RETESTING REQUIRED:

I certify that the above report is complete and correct and that I, or my authorized representative, have inspected all work performed this day by the prime contractor and each subcontractor and have determined that all materials, equipment, and workmanship are in strict compliance with the plans and specifications except as

ATTACHMENT XI
CHICAGO REMOVAL PERMITS

CITY OF CHICAGO

Department of Buildings

Tank Contractor
Must Notify Inspector
Prior to Work Completion
744-3501-3454 8-9 A.M.

KEEP WORK SITE CLEAN AND SAFE!

BUILDING PERMIT

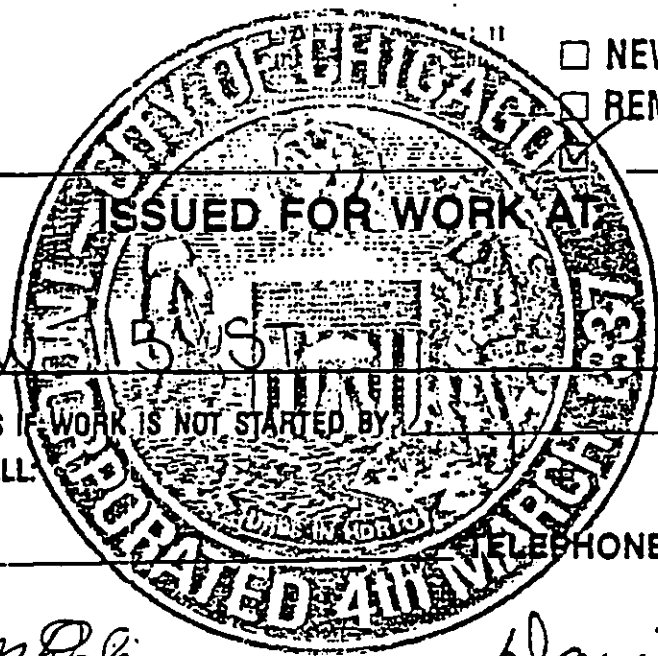
RECEIVED
OCT 04 1991
BLINDENMAN
CONSTRUCTION CO. INC.

NO. B742349

AUG 03 1991

DATE: _____

- NEW CONSTRUCTION
- REMODELING/REPAIR
- TANK



THIS PERMIT EXPIRES IF WORK IS NOT STARTED BY FEB 08 1992
IN AN EMERGENCY CALL _____

NAME: _____ TELEPHONE: _____

Paul M. Daley

CITY CLERK
MAYOR

Daniel W. Weil

BUILDING COMMISSIONER

THIS CARD MUST BE DISPLAYED AT ALL TIMES.

RECEIVED

AUG 19 1991

CONSTRUCTION CO., INC.

CITY OF CHICAGO. DEPARTMENT OF BUILDINGS

PERMIT NO. 742349 PLAN NO. 833- PRIMARY ADDRESS W 115 ST F/R 0 SECONDARY ADDRESS - CACT 5303

DESCRIPTION OF WORK REMOVE 1-550 W.O. TANK

OWNER CHGO HOUSING AUTHORITY 833 W 115 ST DATE ISSUED 8/08/91

REFNO IL

GENERAL R.W. COLLINS CO 7225 W 66 ST CHGO IL

ARCHITECT CHGO IL

MASON

PLUMBING

CONTRACTOR LICENSE 23974

PERMANENT REAL ESTATE INDEX NO. 25-20-404-107

WH	PL FIX	CONSI.	STORIES	BBMTS.	W	L	H	BLDG. VOL.	EST. COST	D.U.	OCC. CLASSIFICATION
											J

LOT SIZE

APPLIC PIONE 767-3030

CD	FEE	CD	FEE	CD	FEE	CD	FEE	CD	FEE	CD	FEE	TOTAL FEES
												35.00
												3500

LEGAL DESCRIPTION OFFICE/WAREHOUSE

PERMISSION is hereby granted the above named person or firm to construct building and do other work as indicated in the schedule herein, at the location shown, all work to be done in accordance with approved plans and the ordinances of the City of Chicago, etc. This permit may be revoked at any time for violation of the ordinance in connection with work herein authorized.

APPROVED PLANS AND PERMIT SHALL BE KEPT ON FILE AT THE CONSTRUCTION BUREAU WHILE THE WORK IS IN PROGRESS. (SEC 45 10) IF WORK DOES NOT START WITHIN SIX MONTHS OF THE DATE OF THIS PERMIT, THE PERMIT SHALL BECOME VOID. (SEC. 45 11)

19-ZONING	20-ILLION	21-ELECTRICAL	22-NEW CONST.	23-PLUMBING	24-ELEVATOR	25-HEAVY CONST.	26-TANKS	27-FURNACE	28-SMOKE ABATEMENT	29-WATER	30-HEAVY/INDUSTRIATION	62-WRECKED BLDGB.	63-UNHABIT

Any person violating, or resisting, or opposing the enforcement of any of the provisions of the Code pertaining to this permit shall be fined not less than \$25.00 nor more than \$200.00 for each offense. Each day such violation shall continue shall constitute a separate and distinct offense, and any building or contractor who shall construct any building in violation of the provisions of the City Code, and any architect who shall design, draw plans for, or have supervision of such building, or who shall permit it to be constructed, shall be liable for the penalties provided by the section.

APPLICANT. Dept of Revenue

Received amount indicated hereon

ATTACHMENT XII
CONTAMINATION EVALUATION

CONTAMINATION EVALUATION**1.0 Drilling method(s) that were used, and why these methods were chosen:**

Soil test borings were performed by PSI on October 19, 1994 with an OSHA-trained drill crew with rig and equipment under the supervision of a field engineer to evaluate the extent of contamination. The exploration consisted of drilling six soil borings (B-1 through B-6) down to a depth between 12.5 and 15 feet beneath the present grade. A drill rig equipped with a rotary head was used with both conventional hollow-stem and solid-stem augers to advance the holes. For the first four borings (B-1 through B-4) around the former tank location representative grab samples were obtained employing split-barrel sampling procedures in general accordance with ASTM designation D-1586. This method was used so a more accurate evaluation of the depth of contamination could be made. Representative grab samples from the last two borings (B-5 and B-6) were obtained employing auger flight sampling procedures in general accordance with ASTM designation D-1452. This method was not used to evaluate the vertical extent of contamination (which was evaluated in the first four borings), but rather to quickly evaluate the horizontal extent of contamination. Please see the attached boring logs for subsurface information from this investigation.

The jarred soil samples were allowed to achieve stabilized temperatures. The soil vapors which collected in the jar headspace were then screened for the presence of volatile organic vapors. An HNu photoionization detector (PID) with a 10.2 eV bulb was employed during the screening operation. According to the manufacturer, this device has a sensitivity of 0.1 part per million (ppm) for volatile organic compounds (VOCs) with an ionization potential equal to or lower than its bulb energy (10.2 eV). The PID was calibrated with a known concentration of Isobutylene and a background reading was performed prior to the screening operation. PID readings were recorded on the soil boring logs.

2.0 The basis for determining the location and minimum number of borings to be placed on site:

The boring locations (B-1 through B-4) were initially selected in the field in and around the area where the UST existed. Because of the buildings to the north and west, an additional two borings (B-5 and B-6) were placed near the property line (or 200 feet away, whichever is closer) to the east and south. The approximate boring locations for the subsurface investigation are shown on the Boring Location Diagram.

CONTAMINATION EVALUATION (CONTINUED)**3.0 A discussion of the approach that was taken to determine the location and number of additional borings required:**

Where contamination was detected during field operations, an attempt was made to place additional borings between 10 to 20 feet away from the contaminated boring (where permitted by utility locations). An additional two borings (B-5 and B-6) were placed near the property line to the east and south.

4.0 Activities taken to prevent cross-contamination between boreholes:

The drilling equipment and all other materials utilized in the soil sampling activities were steam cleaned prior to drilling activities. Sampling equipment was cleaned after each sampling activity to minimize cross-contamination between samples.

5.0 A discussion of how the sampling interval for each boring was determined and collected:

All soil samples were collected approximately every 2.5 feet as indicated on the logs of borings. Samples for analysis were collected from depths where contamination was detected in the field. If no contamination was detected, then samples were obtained from the interface of the fill and natural materials.

6.0 A discussion of how off-site soil contamination impacts will be investigated:

Off-site soil contamination resulting from the releases at the subject site is not believed to have occurred.

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring B-1

Project Name: Chicago Housing Authority Date of Boring: October 19, 1994

Site: 833 West 115th Street, Chicago, Illinois Project No.: 041-4H076-1

DESCRIPTION	DEPTH (feet)	SAMPLE	LAB	HNu (ppm)	CGI (%LEL)	CONTAMINATION OBSERVATIONS
(Surface)						
Crushed Stone		1SS		0.3		No odor No visual
(fill)	5	2SS		0.3		No odor No visual
Brown SAND		3SS	B-1	0.3		No odor No visual
Gray SAND	10	4SS		0.3		No odor No visual
Gray sandy CLAY		5SS		0.3		No odor No visual
End of Boring at 12.5'						
Water encountered at 7.5' while drilling	15					
	20					

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring B-2

Project Name: Chicago Housing Authority Date of Boring: October 19, 1994

Site: 833 West 115th Street, Chicago, Illinois Project No.: 041-4H076-1

DESCRIPTION	DEPTH (feet)	SAMPLE	LAB	HN ₂ (ppm)	CGI (%LEL)	CONTAMINATION OBSERVATIONS
(Surface)						
Crushed STONE with trace organics and silty clay (fill)						
Dark brown sandy CLAY with trace organics (fill)		1SS		0.3		No odor No visual
Brown silty SAND	5	2SS		0.3		No odor No visual
		3SS	B-2	0.3		No odor No visual
Gray SAND	10	4SS				No Recovery
Gray silty CLAY with trace sand and gravel		5SS		0.3		No odor No visual
End of Boring at 12.5'						
Water encountered at 10.0' while drilling	15					
	20					

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring B-3

Project Name: Chicago Housing Authority Date of Boring: October 19, 1994

Site: 833 West 115th Street, Chicago, Illinois Project No.: 041-4H076-1

DESCRIPTION	DEPTH (feet)	SAMPLE	LAB	HN _u (ppm)	CGI (%LEL)	CONTAMINATION OBSERVATIONS
(Surface)						
Dark brown silty CLAY, CRUSHED STONE and SAND (fill)		1SS	B-3	5.7		Very strong petroleum odor No visual
Brown SAND with trace silty clay	5	2SS		1.3		Slight odor No visual
		3SS		0.3		No odor No visual
Gray SAND with trace silty clay	10	4SS		0.3		No odor No visual
Gray silty CLAY with trace sand and gravel		5SS		0.3		No odor No visual
End of boring at 12.5'						
Water encountered at 10.0' while drilling	15					
	20					

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring B-4

Project Name: Chicago Housing Authority Date of Boring: October 19, 1994

Site: 833 West 115th Street, Chicago, Illinois Project No.: 041-4H076-1

DESCRIPTION	DEPTH (feet)	SAMPLE	LAB	BN _g (ppm)	CGI (%LEL)	CONTAMINATION OBSERVATIONS
(Surface)						
SAND and GRAVEL with trace crushed stone (fill)						
Brown SAND		1SS		0.3		No odor No visual
	5	2SS		0.3		No odor No visual
Gray SAND		3SS	B-4	0.3		No odor No visual
	10	4SS		0.3		No odor No visual
Gray silty CLAY with trace sand and gravel		5SS		0.3		No odor No visual
End of boring at 12.5'						
Water encountered at 12.5' while drilling	15					
Hole collapsed at 8.0' after drilling						
	20					

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring B-5

Project Name: Chicago Housing Authority Date of Boring: October 19, 1994

Site: 833 West 115th Street, Chicago, Illinois Project No.: 041-4H076-1

DESCRIPTION	DEPTH (feet)	SAMPLE	LAB	HN _m (ppm)	CGI (%LEL)	CONTAMINATION OBSERVATIONS
(Surface)						
Dark brown silty CLAY with trace sand and gravel (fill)		1AU		0.3		No odor No visual
Brown SAND with trace silt	5	2AU		0.3		No odor No visual
Gray SAND with trace silt		3AU	B-5	0.3		No odor No visual
	10	4AU		0.3		No odor No visual
Gray silty CLAY with trace sand and gravel		5AU		0.3		No odor No visual
	15	6AU		0.3		No odor No visual
End of Boring at 15.0' Water encountered at 6.5' while drilling						
	20					

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring B-6

Project Name: Chicago Housing Authority Date of Boring: October 19, 1994

Site: 833 West 115th Street, Chicago, Illinois Project No.: 041-4H076-1

DESCRIPTION	DEPTH (feet)	SAMPLE	LAB	HN ₂ (ppm)	CGI (%LEL)	CONTAMINATION OBSERVATIONS
(Surface)						
Dark brown SAND and GRAVEL with trace silty clay (fill)		1AU		0.3		No odor No visual
Brown SAND with trace silt	5	2AU		0.3		No odor No visual
Gray SAND with trace silt		3AU	B-6	0.3		No odor No visual
	10	4AU		0.3		No odor No visual
Gray silty CLAY with trace sand and gravel		5AU		0.3		No odor No visual
End of Boring at 12.5'						
Water encountered at 6.5' while drilling	15					
	20					

ATTACHMENT XIII
ANALYTICAL SUMMARY

ANALYTICAL SUMMARY

Chemical analyses were performed by Grace Analytical Lab, Inc. of Berkeley, Illinois. A soil "grab" sample was obtained from each of the six borings performed. Samples were selected from the most severe observation or field screening result indicating contamination; or if no contamination was indicated then a sample was obtained from the most likely depth where contamination would be encountered. It is believed this would be at the tank invert depth (believed to be approximately 7.5 feet).

The sample which appeared most highly contaminated (in this case sample B-3 at 2.5 feet) was submitted for Illinois LUST Pollutants analysis, as well as BETX and PNAs analysis. The remaining samples (B-1 through B-6, minus B-3) were then analyzed for those compounds exceeded the Screening Detection Limit (SDL) for the LUST Pollutants List, as well as BETX and PNAs.

The results of sample B-3 revealed levels within the SDLs of the Illinois LUST Pollutants List. As a result, the remaining samples were only analyzed for BETX and PNAs. The results of the BETX and PNAs analysis for all six samples (B-1 through B-6) only indicated slightly elevated PNA levels in sample B-3 and non-detectable levels of BETX compounds in all the samples. These were well within Class I Drinking Water Standards generally used by IEPA to evaluate sites where groundwater in an area may be used as a drinking water source. Please see the following copy of the analytical results and a copy of the chain-of-custody forms.

CHAIN OF CUSTODY RECORD



LABORATORY SUBMITTED TO:

6913 Hwy. 225
Deer Park, TX 77536
(713) 479-8307

4820 W. 15th Street
Lawrence, KS 66048
(800) 548-7901

6056 Ulmerton Road
Clearwater, FL 34620
(813) 531-1446

Grace Analytical Laboratories, Inc.

PROJECT NAME 833 W. 115th St.	REPORT TO Professional Service Industries, Inc.	INVOICE TO Professional Service Industries, Inc.
PROJECT NUMBER	PROJECT MANAGER Daniel Krzeczowski	ADDRESS 4421 Harrison Street
P.O. NUMBER	ADDRESS 4421 Harrison Street	CITY/STATE/ZIP Hillside, Illinois 60162
REQUIRED DUE DATE ASAP	CITY/STATE/ZIP Hillside, Illinois 60162	ATTENTION Daniel Krzeczowski
SAMPLES TO LAB VIA <i>Carver</i>	TELEPHONE (708) 449-0500 FAX (708) 449-0507	TELEPHONE (708) 449-0500
NUMBER OF COOLERS 1	REPORT VIA U.S. MAIL/OVERNIGHT	

ANALYTICAL DUE DATE	LABORATORY USE ONLY
REPORT DUE DATE	
INORGANIC Sect. Row	ORGANIC Sect. Row
PSI PROJECT NAME	
PSI PROJECT #	
PSI BATCH #	

FIELD SERVICES Y/N \$	LABORATORY USE ONLY
SHIPPING Y/N \$	

SAMPLE CUSTODIAN	DATE / TIME	LABORATORY USE ONLY			LAB USE ONLY LAB NUMBER	NUMBER OF CONTAINERS	PARAMETER LIST						
		RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER									
B-3 @ -2.5'	10/19	<i>D. Krzeczowski</i>	<i>D. Krzeczowski</i>	9125	1	X	<table border="1"> <tr><td>LV LIST PL. LIST</td><td>X</td></tr> <tr><td>BETA LIST #</td><td>X</td></tr> <tr><td>PNAS</td><td>X</td></tr> </table>	LV LIST PL. LIST	X	BETA LIST #	X	PNAS	X
LV LIST PL. LIST	X												
BETA LIST #	X												
PNAS	X												
B-1 @ -7.5'					1	X							
B-2 @ -7.5'					1	X							
B-4 @ -7.5'					1	X							
B-5 @ -7.5'					1	X							
B-6 @ -7.5'					1	X							

ADDITIONAL REMARKS *NOTE: Perform full LL CVST Pollutants list on 151 (DIRTY) samples. Then perform BETX, PNAS and PNAS-Fire. Append to PHOTIC LIST from HI test for the remaining compounds.

SAMPLER'S SIGNATURE: *Daniel Krzeczowski*

**GRACE ANALYTICAL LAB, INC.**

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

BTEX ANALYSIS DATA SHEET
=====

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8240

LAB SAMPLE I.D. NO: B-1 @-7.5'

FILE REF. NO: >V0104

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	AMOUNT (UG/KG)
1. 71-43-2	BENZENE	1.5 U
2. 108-88-3	TOLUENE	1.5 U
3. 100-41-4	ETHYLBENZENE	1.5 U
4. 1330-20-7	XYLENE (total)	2.5 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE
REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By: _____

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

POLYNUCLEAR AROMATIC HYDROCARBONS ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8270(sim)

LAB SAMPLE I.D. NO: B-1 @-7.5'

FILE REF. NO: >A5404

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	CONCENTRATION
=====	=====	=====
		(UG/KG)
1. 91-20-3	NAPHTHALENE	50.0 U
2. 208-96-8	ACENAPHTHYLENE	50.0 U
3. 83-32-9	ACENAPHTHENE	50.0 U
4. 86-73-7	FLUORENE	33.0 U
5. 85-01-8	PHENANTHRENE	33.0 U
6. 120-12-7	ANTHRACENE	83.0 U
7. 206-44-0	FLUORANTHENE	50.0 U
8. 129-00-0	PYRENE	50.0 U
9. 56-55-3	BENZO[A]ANTHRACENE	8.50 U
10. 218-01-9	CHRYSENE	50.0 U
11. 205-99-2	BENZO[B]FLUORANTHENE	11.0 U
12. 207-08-9	BENZO[K]FLUORANTHENE	11.0 U
13. 50-32-8	BENZO[A]PYRENE	15.0 U
14. 193-39-5	INDENO[1,2,3-CD]PYRENE	25.0 U
15. 53-70-3	DIBENZO[A,H]ANTHRACENE	20.0 U
16. 191-24-2	BENZO[G,H,I]PERYLENE	25.0 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By:

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

BTEX ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8240

LAB SAMPLE I.D. NO: B-2 @-7.5'

FILE REF. NO: >V0105

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	AMOUNT (UG/KG)
1. 71-43-2	BENZENE	1.5 U
2. 108-88-3	TOLUENE	1.5 U
3. 100-41-4	ETHYLBENZENE	1.5 U
4. 1330-20-7	XYLENE (total)	2.5 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By:

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

POLYNUCLEAR AROMATIC HYDROCARBONS ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8270(sim)

LAB SAMPLE I.D. NO: B-2 @-7.5'

FILE REF. NO: >A5405

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	CONCENTRATION
=====	=====	=====
		(UG/KG)
1. 91-20-3	NAPHTHALENE	50.0 U
2. 208-96-8	ACENAPHTHYLENE	50.0 U
3. 83-32-9	ACENAPHTHENE	50.0 U
4. 86-73-7	FLUORENE	33.0 U
5. 85-01-8	PHENANTHRENE	33.0 U
6. 120-12-7	ANTHRACENE	83.0 U
7. 206-44-0	FLUORANTHENE	50.0 U
8. 129-00-0	PYRENE	50.0 U
9. 56-55-3	BENZO[A]ANTHRACENE	8.50 U
10. 218-01-9	CHRYSENE	50.0 U
11. 205-99-2	BENZO[B]FLUORANTHENE	11.0 U
12. 207-08-9	BENZO[K]FLUORANTHENE	11.0 U
13. 50-32-8	BENZO[A]PYRENE	15.0 U
14. 193-39-5	INDENO[1,2,3-CD]PYRENE	25.0 U
15. 53-70-3	DIBENZO[A,H]ANTHRACENE	20.0 U
16. 191-24-2	BENZO[G,H,I]PERYLENE	25.0 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By: _____

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

VOLATILES ORGANIC ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.
 LAB SAMPLE I.D. NO: B-3 @-2.5'
 DATE RECEIVED: 10-21-94

US EPA METHOD: 8240
 FILE REF. NO: >V0103
 DATE ANALYZED: 10-24-94

CAS #	COMPOUND	AMOUNT (Ug/Kg)
1. 74-87-3	CHLOROMETHANE	10 U
2. 74-83-9	BROMOMETHANE	10 U
3. 75-01-4	VINYL CHLORIDE	2.0 U
4. 75-00-3	CHLOROETHANE	1.5 U
5. 75-09-2	METHYLENE CHLORIDE	1.0 U
6. 67-64-1	ACETONE	10 U
7. 75-15-0	CARBON DISULFIDE	3.0 U
8. 75-35-4	1,1-DICHLOROETHENE	1.5 U
9. 75-34-3	1,1-DICHLOROETHANE	1.5 U
10. 540-59-0	1,2-DICHLOROETHENE (total)	1.5 U
11. 67-66-3	CHLOROFORM	1.5 U
12. 78-93-3	2-BUTANONE	10 U
13. 107-06-2	1,2-DICHLOROETHANE	1.5 U
14. 71-55-6	1,1,1-TRICHLOROETHANE	1.5 U
15. 56-23-5	CARBON TETRACHLORIDE	1.5 U
16. 108-05-4	VINYL ACETATE	15 U
17. 75-27-4	BROMODICHLOROMETHANE	1.5 U
18. 78-87-5	1,2-DICHLOROPROPANE	1.5 U
19. 10061-01-6	trans-1,3-DICHLOROPROPENE	2.0 U
20. 79-01-6	TRICHLOROETHENE	1.5 U
21. 71-43-2	BENZENE	1.5 U
22. 124-48-1	DIBROMOCHLOROMETHANE	1.5 U
23. 79-00-5	1,1,2-TRICHLOROETHANE	1.5 U
24. 10061-02-5	cis-1,3-DICHLOROPROPENE	2.0 U
25. 110-75-8	2-CHLOROETHYL VINYL ETHER	1.5 U
26. 75-25-2	BROMOFORM	1.5 U
27. 108-10-1	4-METHYL-2-PENTANONE	10 U
28. 591-78-6	2-HEXANONE	10 U
29. 127-18-4	TETRACHLOROETHENE	1.5 U
30. 79-34-5	1,1,2,2-TETRACHLOROETHANE	1.5 U
31. 108-88-3	TOLUENE	1.5 U
32. 108-90-7	CHLOROBENZENE	1.5 U
33. 100-41-4	ETHYLBENZENE	1.5 U
34. 100-42-5	STYRENE	1.0 U
35. 108-38-3	XYLENE (total)	2.5 U

CODES: U - Compound was analyzed for but not detected. The value reported is the method detection limit.
 J - Compound detected below detection limit.

Analysis Certified by

Laboratory Director



GRACE ANALYTICAL LAB, INC.

1 OF 2

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

SEMIVOLATILES ORGANIC ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.
 SAMPLE I.D. NO: B-3 @-2.5'
 DATE RECEIVED: 10-21-94

US EPA METHOD: 8270
 FILE REF. NO: >A5403
 DATE ANALYZED: 10-24-94

CAS #	COMPOUND	CONCENTRATION (UG/KG)
1. 111-44-4	BIS(2-CHLOROETHYL) ETHER	50.0 U
2. 108-95-2	PHENOL	67.0 U
3. 95-57-8	2-CHLOROPHENOL	67.0 U
4. 541-73-1	1,3-DICHLOROBENZENE	67.0 U
5. 106-46-7	1,4-DICHLOROBENZENE	67.0 U
6. 95-50-1	1,2-DICHLOROBENZENE	83.0 U
7. 100-51-6	BENZYL ALCOHOL	67.0 U
8. 39638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	83.0 U
9. 95-48-7	2-METHYLPHENOL	67.0 U
10. 67-72-1	HEXACHLOROETHANE	67.0 U
11. 621-64-7	N-NITROSODIPROPYLAMINE	50.0 U
12. 98-95-3	NITROBENZENE	83.0 U
13. 106-44-5	4-METHYLPHENOL	67.0 U
14. 78-59-1	ISOPHORONE	83.0 U
15. 88-75-5	2-NITROPHENOL	67.0 U
16. 105-67-9	2,4-DIMETHYLPHENOL	67.0 U
17. 111-91-1	BIS(2-CHLOROETHOXY) METHANE	83.0 U
18. 120-83-2	2,4-DICHLOROPHENOL	67.0 U
19. 120-82-1	1,2,4-TRICHLOROBENZENE	67.0 U
20. 91-20-3	NAPHTHALENE	67.0 U
21. 106-47-8	4-CHLOROANILINE	67.0 U
22. 87-68-3	HEXACHLOROBUTADIENE	83.0 U
23. 65-85-0	BENZOIC ACID	990 U
24. 91-57-6	2-METHYLNAPHTHALENE	67.0 U
25. 59-50-7	4-CHLORO-3-CRESOL	50.0 U
26. 77-47-4	HEXACHLOROCYCLOPENTADIENE	67.0 U
27. 88-06-2	2,4,6-TRICHLOROPHENOL	50.0 U
28. 95-95-4	2,4,5-TRICHLOROPHENOL	50.0 U
29. 91-58-7	2-CHLORONAPHTHALENE	50.0 U
30. 208-96-8	ACENAPHTHYLENE	50.0 U
31. 131-11-3	DIMETHYL PHTHALATE	50.0 U
32. 606-20-2	2,6-DINITROTOLUENE	33.0 U
33. 83-32-9	ACENAPHTHENE	50.0 U
34. 99-09-2	3-NITROANILINE	83.0 U
35. 132-64-9	DIBENZOFURAN	33.0 U



GRACE ANALYTICAL LAB, INC.

2 OF 2

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

STUDY NAME: PSI - CHA, 833 W. 115th St.
 SAMPLE I.D. NO: B-3 @-2.5'
 DATE RECEIVED: 10-21-94

US EPA METHOD: 8270
 FILE REF. NO: >A5403
 DATE ANALYZED: 10-24-94

CAS #	COMPOUND	CONCENTRATION (UG/KG)
36. 51-28-5	2,4-DINITROPHENOL	550 U
37. 121-14-2	2,4-DINITROTOLUENE	33.0 U
38. 86-73-7	FLUORENE	33.0 U
39. 100-02-7	4-NITROPHENOL	50.0 U
40. 7005-72-3	4-CHLOROPHENYLPHENYL ETHER	33.0 U
41. 84-66-2	DIETHYL PHTHALATE	33.0 U
42. 534-52-1	4,6-DINITRO-2-METHYLPHENOL	550 U
43. 86-30-6	N-NITROSODIPHENYLAMINE *	50.0 U
122-39-4	DIPHENYLAMINE *	
44. 100-01-6	4-NITROANILINE	100 U
45. 101-55-3	4-BROMOPHENYLPHENYL ETHER	50.0 U
46. 118-74-1	HEXACHLOROBENZENE	50.0 U
47. 87-86-5	PENTACHLOROPHENOL	67.0 U
48. 85-01-8	PHENANTHRENE	126
49. 120-12-7	ANTHRACENE	83.0 U
50. 84-74-2	DI-N-BUTYL PHTHALATE	67.0 U
51. 206-44-0	FLUORANTHENE	151
52. 129-00-0	PYRENE	114
53. 85-68-7	BUTYLBENZYL PHTHALATE	120 U
54. 56-55-3	BENZO(A)ANTHRACENE	50.0 U
55. 218-01-9	CHRYSENE	50.0 U
56. 117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	33.0 U
57. 117-84-0	DI-N-OCTYL PHTHALATE	50.0 U
58. 205-99-2	BENZO(B)FLUORANTHENE	50.0 U
59. 207-08-9	BENZO(K)FLUORANTHENE	50.0 U
60. 50-32-8	BENZO(A)PYRENE	50.0 U
61. 193-39-5	INDENO(1,2,3-CD)PYRENE	50.0 U
62. 53-70-3	DIBENZO(A,H)ANTHRACENE	50.0 U
63. 191-24-2	BENZO(GHI)PERYLENE	50.0 U
64. 88-74-4	2-NITROANILINE	33.0 U
65. 91-94-1	3,3'-DICHLOROBENZIDINE	330 U

CODES: U --- Compound was analyzed for but not detected.
 The value reported is the method detection limit.
 J --- Compound detected below detection limit.
 * --- These two parameters are reported as a total.

Analysis Certified by:

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

PESTICIDES AND PCB ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.
SAMPLE I.D. NO: B-3 @ 2.5'
DATE RECEIVED: 10-21-94

US EPA METHOD: 8080
FILE REF. NO: P6281
DATE ANALYZED: 09-24-94

CAS #	COMPOUND	CONCENTRATION (UG/KG)
1. 319-84-6	alpha-BHC	0.66 U
2. 319-85-7	beta-BHC	1.00 U
3. 58-89-9	gamma-BHC	1.00 U
4. 319-86-8	delta-BHC	1.00 U
5. 76-44-8	HEPTACHLOR	1.33 U
6. 309-00-2	ALDRIN	1.00 U
7. 1024-57-3	HEPTACHLOR EPOXIDE	0.33 U
8. 959-98-8	ENDOSULFAN I	1.00 U
9. 72-55-9	4,4'-DDE	2.00 U
10. 60-57-1	DIELDRIN	1.00 U
11. 72-20-8	ENDRIN	3.33 U
12. 33213-65-9	ENDOSULFAN II	1.66 U
13. 72-54-8	4,4'-DDD	1.33 U
14. 7421-93-4	ENDRIN ALDEHYDE	1.67 U
15. 1031-07-8	ENDOSULFAN SULFATE	3.33 U
16. 50-29-3	4,4'-DDT	5.00 U
17. 72-43-5	METHOXYCHLOR	5.00 U
18. 57-74-9	CHLORDANE	6.67 U
19. 8001-35-2	TOXAPHENE	16.6 U
20. 12674-11-2	AROCLOR-1016	6.60 U
21. 11104-28-2	AROCLOR-1221	6.60 U
22. 11141-16-5	AROCLOR-1232	6.60 U
23. 53469-21-9	AROCLOR-1242	6.60 U
24. 12672-29-6	AROCLOR-1248	6.60 U
25. 11097-69-1	AROCLOR-1254	6.60 U
26. 11096-82-5	AROCLOR-1260	6.60 U

CODES: U - Compound was analyzed for but not detected. The value reported is the method detection limit.

SLC - Suspected laboratory contaminant.

SFC - Suspected field contaminant

Analysis Certified by

Laboratory Director

**GRACE ANALYTICAL LAB, INC.**

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

TCLP METALS ANALYSIS DATA SHEETStudy Name: PSI - CHA, 833 W. 115th St.
Date Received: 10/21/94

METAL	B-3 @ 2.5' RESULTS (MG/L)	USEPA METHOD	DATE ANALYZED
As	<0.002	1311/200.9	10/26/94
Ba	1.41	1311/200.7	10/26/94
Cd	<0.001	1311/200.9	10/26/94
Cr	<0.005	1311/200.9	10/26/94
Pb	<0.005	1311/200.9	10/26/94
Hg	<0.0002	1311/245.1	10/28/94
Se	<0.002	1311/200.9	10/26/94
Ag	<0.01	1311/200.7	10/26/94

Analysis Certified by:
Reported by: DJ

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

BTEX ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8240

LAB SAMPLE I.D. NO: B-4 @-7.5'

FILE REF. NO: >V0106

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	AMOUNT (UG/KG)
1. 71-43-2	BENZENE	1.5 U
2. 108-88-3	TOLUENE	1.5 U
3. 100-41-4	ETHYLBENZENE	1.5 U
4. 1330-20-7	XYLENE (total)	2.5 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By: _____

Laboratory Director



GRACE ANALYTICAL LAB, INC.

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POLYNUCLEAR AROMATIC HYDROCARBONS ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8270(sim)

LAB SAMPLE I.D. NO: B-4 @-7.5'

FILE REF. NO: >A5406

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	CONCENTRATION
=====	=====	=====
		(UG/KG)
1. 91-20-3	NAPHTHALENE	50.0 U
2. 208-96-8	ACENAPHTHYLENE	50.0 U
3. 83-32-9	ACENAPHTHENE	50.0 U
4. 86-73-7	FLUORENE	33.0 U
5. 85-01-8	PHENANTHRENE	33.0 U
6. 120-12-7	ANTHRACENE	83.0 U
7. 206-44-0	FLUORANTHENE	50.0 U
8. 129-00-0	PYRENE	50.0 U
9. 56-55-3	BENZO[A]ANTHRACENE	8.50 U
10. 218-01-9	CHRYSENE	50.0 U
11. 205-99-2	BENZO[B]FLUORANTHENE	11.0 U
12. 207-08-9	BENZO[K]FLUORANTHENE	11.0 U
13. 50-32-8	BENZO[A]PYRENE	15.0 U
14. 193-39-5	INDENO[1,2,3-CD]PYRENE	25.0 U
15. 53-70-3	DIBENZO[A,H]ANTHRACENE	20.0 U
16. 191-24-2	BENZO[G,H,I]PERYLENE	25.0 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By:

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

BTEX ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8240

LAB SAMPLE I.D. NO: B-5 @-7.5'

FILE REF. NO: >V0107

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	AMOUNT (UG/KG)
1. 71-43-2	BENZENE	1.5 U
2. 108-88-3	TOLUENE	1.5 U
3. 100-41-4	ETHYLBENZENE	1.5 U
4. 1330-20-7	XYLENE (total)	2.5 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By:

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

POLYNUCLEAR AROMATIC HYDROCARBONS ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8270(sim)

LAB SAMPLE I.D. NO: B-5 @-7.5'

FILE REF. NO: >A5407

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	CONCENTRATION
=====	=====	=====
		(UG/KG)
1. 91-20-3	NAPHTHALENE	50.0 U
2. 208-96-8	ACENAPHTHYLENE	50.0 U
3. 83-32-9	ACENAPHTHENE	50.0 U
4. 86-73-7	FLUORENE	33.0 U
5. 85-01-8	PHENANTHRENE	33.0 U
6. 120-12-7	ANTHRACENE	83.0 U
7. 206-44-0	FLUORANTHENE	50.0 U
8. 129-00-0	PYRENE	50.0 U
9. 56-55-3	BENZO[A]ANTHRACENE	8.50 U
10. 218-01-9	CHRYSENE	50.0 U
11. 205-99-2	BENZO[B]FLUORANTHENE	11.0 U
12. 207-08-9	BENZO[K]FLUORANTHENE	11.0 U
13. 50-32-8	BENZO[A]PYRENE	15.0 U
14. 193-39-5	INDENO[1,2,3-CD]PYRENE	25.0 U
15. 53-70-3	DIBENZO[A,H]ANTHRACENE	20.0 U
16. 191-24-2	BENZO[G,H,I]PERYLENE	25.0 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.
 J --- BELOW DETECTION LIMIT
 SLC - SUSPECTED LABORATORY CONTAMINANT
 SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By:

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive , Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

BTEX ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8240

LAB SAMPLE I.D. NO: B-6 @-7.5'

FILE REF. NO: >V0108

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	AMOUNT (UG/KG)
1. 71-43-2	BENZENE	1.5 U
2. 108-88-3	TOLUENE	1.5 U
3. 100-41-4	ETHYLBENZENE	1.5 U
4. 1330-20-7	XYLENE (total)	2.5 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.

J --- BELOW DETECTION LIMIT

SLC - SUSPECTED LABORATORY CONTAMINANT

SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By: _____

Laboratory Director



GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive, Berkeley, Illinois 60163 Tel. (708) 449-9449, Fax (708) 449-3663

POLYNUCLEAR AROMATIC HYDROCARBONS ANALYSIS DATA SHEET

STUDY NAME: PSI - CHA, 833 W. 115th St.

US EPA METHOD: 8270(sim)

LAB SAMPLE I.D. NO: B-6 @-7.5'

FILE REF. NO: >A5408

DATE RECEIVED: 10-21-94

DATE ANALYZED: 10-24-94

CAS #	COMPOUND	CONCENTRATION
		(UG/KG)
1. 91-20-3	NAPHTHALENE	50.0 U
2. 208-96-8	ACENAPHTHYLENE	50.0 U
3. 83-32-9	ACENAPHTHENE	50.0 U
4. 86-73-7	FLUORENE	33.0 U
5. 85-01-8	PHENANTHRENE	33.0 U
6. 120-12-7	ANTHRACENE	83.0 U
7. 206-44-0	FLUORANTHENE	50.0 U
8. 129-00-0	PYRENE	50.0 U
9. 56-55-3	BENZO[A]ANTHRACENE	8.50 U
10. 218-01-9	CHRYSENE	50.0 U
11. 205-99-2	BENZO[B]FLUORANTHENE	11.0 U
12. 207-08-9	BENZO[K]FLUORANTHENE	11.0 U
13. 50-32-8	BENZO[A]PYRENE	15.0 U
14. 193-39-5	INDENO[1,2,3-CD]PYRENE	25.0 U
15. 53-70-3	DIBENZO[A,H]ANTHRACENE	20.0 U
16. 191-24-2	BENZO[G,H,I]PERYLENE	25.0 U

CODES: U --- COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE VALUE REPORTED IS THE METHOD DETECTION LIMIT.
 J --- BELOW DETECTION LIMIT
 SLC - SUSPECTED LABORATORY CONTAMINANT
 SFC - SUSPECTED FIELD CONTAMINANT

Analysis Certified By: _____

Laboratory Director



Lisa Esposito <lisa@a3e.com>

Building FOIA Request

1 message

Lisa Esposito <lisa@a3e.com>
To: clerkfoia@cityofchicago.org

Fri, Oct 13, 2023 at 9:49 AM

To Whom It May Concern:

We are conducting a Phase I Environmental Assessment of the property located at: 11414 S. Halsted Chicago IL 60628

I am looking for information on the property that you may have including Building Permits, Occupancy Permits, and Permits for underground storage tanks or aboveground storage tanks.

Please let me know if you have any questions. Thank you for your assistance.



Lisa Esposito
Production Assistant
A3 Environmental Consultants
T: (630) 507-9002
M:(630) 675-6407

Property Details

25-20-226-018-0000

11420 S HALSTED ST • CHICAGO, IL • Lake

Tax Details

PROPERTY CLASSIFICATION	530
SQUARE FOOTAGE (LAND)	275,554
NEIGHBORHOOD	323
TAXCODE	72148
NEXT SCHEDULED REASSESSMENT	2024

Assessed Valuation

2020 Assessor Certified values include adjustments, where applicable, for COVID-19 effects on property.

	2022 Assessor Certified	2021 Board of Review Certified
TOTAL ESTIMATED MARKET VALUE	\$6,313,672	\$1,932,940
TOTAL ASSESSED VALUE	\$1,578,418	\$483,235
LAND ASSESSED VALUE	\$430,553	\$430,553
BUILDING ASSESSED VALUE	\$1,147,865	\$52,682

* "Property Location" is not a legal/postal mailing address. Its sole purpose is to help our Office locate the property. Therefore, you should not utilize the property location for any purpose, however, you may update the Property Location with your Legal/Postal Mailing Address should you choose to do so. Updating the address will not change the Property Location to a Legal/Postal Mailing Address.

** Information may be available by submitting an FOIA Request

Exemption Status

Exemption History

Characteristics

DESCRIPTION	Supermarket
AGE	**
BUILDING SQUARE FOOTAGE	**
ASSESSMENT PHASE	Assessor Valuation

¹ Excluded from building square footage, except apartment

² Excluded from building square footage

* "Property Location" is not a legal/postal mailing address. Its sole purpose is to help our Office locate the property. Therefore, you should not utilize the property location for any purpose, however, you may update the Property Location with your Legal/Postal Mailing Address should you choose to do so. Updating the address will not change the Property Location to a Legal/Postal Mailing Address.

** Information may be available by submitting an FOIA Request

Appeal History

Year	Previous Board Certified	Assessor Post-Appeal Valuation	Assessor Valuation	Appeal Number	Attorney/Tax Representative	Applicant	Status	Result
2018	\$415,107 (2017)	\$471,451	\$839,553	154632	KEVIN B. HYNES	NEW ALBERTSONS LLC	Appeal Review Complete	Assessed Value Adjusted - This is the result of the total vacancy of your property.
2017	\$415,107 (2016)	\$415,107	\$586,117	169623	KEVIN B. HYNES	NEW ALBERTSONS LLC	Appeal Review Complete	Assessed Value Adjusted - This is the result of the total vacancy of your property.
2016	\$415,107 (2015)	\$415,107	\$586,115	60524	NEW ALBERTSONS LLC	KEVIN B. HYNES	Appeal Review Complete	Assessed Value Adjusted - This is the result of the total vacancy of your property.

Year	Previous Board Certified	Assessor Post-Appeal Valuation	Assessor Valuation	Appeal Number	Attorney/Tax Representative	Applicant	Status	Result
2014	\$414,920 (2013)	\$414,917	\$584,237	41222	NEW ALBERTSONS LLC	KEVIN B HYNES	Appeal Review Complete	Assessed Value Adjusted - This is the result of the total vacancy of your property along with an income, market or cost analysis.
2012	\$571,731 (2011)	\$415,019	\$1,272,475	44113	J MICHAEL HEATON		Appeal Review Complete	Assessed Value Adjusted - This is the result of the total vacancy of your property.



25202260180000 06/10/2007



25202260180000 06/10/2007



25202260180000 06/10/2007



25202260180000 06/10/2007

Enter 14 digit PIN

SEARCH



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Don't know your PIN? [Search by address here \(/address-search\)](/address-search).

25-20-226-018-0000



PROPERTY ADDRESS

11420 S HALSTED ST
CHICAGO
60628
Township: LAKE

MAILING ADDRESS

ALBERTSONS
PO BOX 800729
DALLAS, TX 75380

PROPERTY CHARACTERISTICS

CURRENT INFORMATION

Assessed Value: 483,234
(2021 Board Final)
Assessment Information: 1,578,416
Estimated Property Value: \$6,313,664
Lot Size (SqFt): 275,554
Building (SqFt):
Property Class: 5-30
Tax Rate : 8.606
Tax Code : 72148

TAX BILLED AMOUNTS & TAX HISTORY

2022: \$121,588.24 Pay Online: \$55,796.68
2021: \$119,621.02 Paid in Full
2020: \$131,097.86 Payment History
2019: \$205,960.76 Payment History
2018: \$113,767.57 Payment History
*=(1st Install Only)

EXEMPTIONS

2022: 0 Exemptions Received
2021: 0 Exemptions Received
2020: 0 Exemptions Received
2019: 0 Exemptions Received
2018: 0 Exemptions Received

APPEALS

2022: Not Available
2021: Not Available
2020: Appeal Filed
2019: Appeal Filed
2018: Appeal Filed

REFUNDS AVAILABLE

No Refund Available

TAX SALE (DELINQUENCIES)

2022: Tax Sale Has Not Occurred
2021: Tax Sale Has Not Occurred
2020: No Tax Sale
2019: No Tax Sale
2018: No Tax Sale

DOCUMENTS, DEEDS & LIENS

No Documents Found

All years referenced herein denote the applicable tax year (i.e., the year for which taxes were assessed). Parcels may from time to time be consolidated or subdivided. If information regarding a particular PIN appears to be missing for one or more tax years, it is possible that the PIN has changed due to a consolidation or subdivision. Users may contact the Cook County Clerk's Office for information regarding PIN lineage. Users should also note that the information displayed on this site does not include special assessments (which are billed and collected by municipalities) or omitted taxes (which are assessed on an ad hoc basis by the [Cook County Assessor's Office](#)). Please direct inquiries regarding the status of special assessments to your municipality. Questions regarding omitted taxes should be directed to the [Assessor's Office](#).

Note: This printout cannot be used as a tax bill.



Nicole Axtolis <nikki@a3e.com>

Public Records Request :: R021684-101723

1 message

COOKCOUNTYASSESSOR Support <cookcountyassessor@govqa.us>

Tue, Oct 17, 2023 at 2:16 PM

To: "nikki@a3e.com" <nikki@a3e.com>

Dear Nikki Axtolis:

Thank you for submitting your FOIA request.

Your request was received on 10/17/2023 and assigned the reference number **R021684-101723**.

We will monitor all FOIA requests and fulfill them as we are able. Please use the [Public Records Portal](#) to monitor the progress of your request and to ask questions about its fulfillment. You will receive an email with our response to your request.

Records Requested: We are conducting a Phase I Environmental Assessment and are inquiring about a property:
Address: [11420 S HALSTED ST • CHICAGO, IL](#) PINS: 25-20-226-018-0000 Project Number: 2023_3080 I am looking for the property tax records, including the year constructed and total square footage.

Sincerely,
The CCAO FOIA Department





Nicole Axtolis <nikki@a3e.com>

Department of Public Health :: Q059242-101923

1 message

FOIA - City of Chicago <chicagoil@govqa.us>
To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 19, 2023 at 2:39 PM



CITY OF CHICAGO



Thank you for your FOIA request to the City of Chicago Department of Public Health. Your FOIA request has been received and is being processed. Your reference number for tracking purposes is: Q059242-101923. Track and view responses at [Public Records Center](#).

You have requested the following records: We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: [11401 S HALSTED ST](#) Facility ID: 11401HA1955-10-25 Project Number: 2023_3080 I am looking for information on the property that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents.

The City of Chicago Department of Public Health responds to all public records requests in accordance with the Illinois Freedom of Information Act (FOIA), 5 ILCS 140/1 et seq. If further time is needed to assemble and copy all documents responsive to your FOIA request, we will contact you with a time estimate and a request to extend.





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Department of Public Health :: Q059244-101923

1 message

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To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 19, 2023 at 2:42 PM



CITY OF CHICAGO



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You have requested the following records: We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: [11421 S HALSTED ST](#) Facility ID: 2043655 Project Number: 2023_3080 I am looking for information on the property that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents

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Department of Public Health :: Q059245-101923

1 message

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To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 19, 2023 at 2:43 PM



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You have requested the following records: We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: [11435 S HALSTED ST](#) Facility ID: 2029904 Project Number: 2023_3080 I am looking for information on the property that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents

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Nicole Axtolis <nikki@a3e.com>

Department of Public Health :: Q059241-101923

1 message

FOIA - City of Chicago <chicagoil@govqa.us>
To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 19, 2023 at 2:38 PM



CITY OF CHICAGO



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You have requested the following records: We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: [11436 S HALSTED ST](#) Facility ID: 11436HA1952-10-28 Project Number: 2023_3080 I am looking for information on the property that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents.

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Nicole Axtolis <nikki@a3e.com>

Department of Public Health :: Q059246-101923

1 message

FOIA - City of Chicago <chicagoil@govqa.us>
To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 19, 2023 at 2:46 PM



CITY OF CHICAGO



Thank you for your FOIA request to the City of Chicago Department of Public Health. Your FOIA request has been received and is being processed. Your reference number for tracking purposes is: Q059246-101923. Track and view responses at [Public Records Center](#).

You have requested the following records: We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: [11453 S HALSTED ST](#) Facility ID: 11453HA1954-02-05 Project Number: 2023_3080 I am looking for information on the property that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents

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Department of Public Health :: Q059247-101923

1 message

FOIA - City of Chicago <chicagoil@govqa.us>
To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 19, 2023 at 2:46 PM



CITY OF CHICAGO



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You have requested the following records: We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: [11500 S HALSTED ST](#) Facility ID: 11500HA1970-06-08 Project Number: 2023_3080 I am looking for information on the property that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents

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Department of Public Health :: Q059248-101923

1 message

FOIA - City of Chicago <chicagoil@govqa.us>
To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 19, 2023 at 2:48 PM



CITY OF CHICAGO



Thank you for your FOIA request to the City of Chicago Department of Public Health. Your FOIA request has been received and is being processed. Your reference number for tracking purposes is: Q059248-101923. Track and view responses at [Public Records Center](#).

You have requested the following records: We are conducting a Phase I Environmental Assessment and are inquiring about a property: Address: 901 W 115TH ST Facility ID: 2042212, 901W1051953-10-07, 901W1051973-02-08 Project Number: 2023_3080 I am looking for information on the property that you may have including; Records of: Removal of underground storage tanks or aboveground storage tanks, hazardous materials spills/responses, any LUST related documents

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Lisa Esposito <lisa@a3e.com>

[Records Center] Fire Department :: L058901-101623

1 message

FOIA - City of Chicago <chicagoil@govqa.us>

Thu, Oct 19, 2023 at 2:01 PM

To: "lisa@a3e.com" <lisa@a3e.com>

Cc: "CFDFOIA@cityofchicago.org" <CFDFOIA@cityofchicago.org>

Attachments:[FOIA_RESPONSE_L058901-101623.pdf](#)

--- Please respond above this line ---



CITY OF CHICAGO



RE: PUBLIC RECORDS REQUEST of October 13, 2023, Reference # L058901-101623.

Dear Lisa Esposito,

This correspondence is in response to the Freedom of Information Act ("FOIA") request received by the City of Chicago Fire Department on October 13, 2023. You requested:

"RE: 11414 S. Halsted:**Information on the property that you may have including Fire inspections, Underground storage tanks, aboveground storage tanks, hazardous materials spills/responses."**

The Fire Department has reviewed its files and has located responsive records to your request. Please log in to the Public Records Center at the following link to retrieve the responsive documents.

[Fire Department - L058901-101623](#)

Sincerely,

Sherri Hicks
Fire



Lisa Esposito <lisa@a3e.com>

Fire FOIA Request

1 message

Lisa Esposito <lisa@a3e.com>
To: CFDFOIA@cityofchicago.org

Fri, Oct 13, 2023 at 9:50 AM

To Whom It May Concern:

We are conducting a Phase I Environmental Assessment of the property located at: 11414 S. Halsted Chicago IL 60628

I am looking for information on the property that you may have including Fire inspections, Underground storage tanks, aboveground storage tanks, hazardous materials spills/responses.

Please let me know if you have any questions. Thank you for your assistance.



Lisa Esposito
Production Assistant
A3 Environmental Consultants
T: (630) 507-9002
M:(630) 675-6407

#L058901-101623

Fire FOIA Request

Lisa Esposito <lisa@a3e.com>

Fri 10/13/2023 9:51 AM

To: CFDFOIA <CFDFOIA@cityofchicago.org>

[Warning: External email]

To Whom It May Concern:

We are conducting a Phase I Environmental Assessment of the property located at: 11414 S. Halsted Chicago IL 60628

I am looking for information on the property that you may have including Fire inspections, Underground storage tanks, aboveground storage tanks, hazardous materials spills/responses.

Please let me know if you have any questions. Thank you for your assistance.



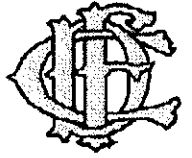
Lisa Esposito
Production Assistant
A3 Environmental Consultants
T: (630) 507-9002
M:(630) 675-6407

Due Diligence • Remediation • Ecology • Industrial Health

Handwritten initials/signature.



CITY OF CHICAGO
CHICAGO FIRE DEPARTMENT
Bureau of Fire Prevention
444 North Dearborn Street
Chicago, IL 60610



REQUEST FOR INFORMATION:

Printed 10/17/2023

PROPERTY ADDRESS: 11414 - 11414 S HALSTED ST

REPORTING PERIOD: 2013 - 2023

AP#: FPBBLD30275

PROPERTY ADDRESS: 11414 S HALSTED ST

TYPE: BUILDING ANNUAL

PRIMARY APPLICANT: JEWEL FOOD STORE

<u>INSPECTION #</u>	<u>COMPLETED</u>	<u>RESULT</u>
465107	3/12/2015	Pass
818100	1/24/2018	Pass
1204037	1/5/2021	Pass
1639688	6/29/2022	Pass

CODE VIOLATIONS

NONE

HAZARDOUS MATERIAL

NONE



CITY OF CHICAGO
 CHICAGO FIRE DEPARTMENT
 Bureau of Fire Prevention
 444 North Dearborn Street
 Chicago, IL 60610



REQUEST FOR INFORMATION:

Printed 10/17/2023

PROPERTY ADDRESS: 11414 - 11414 S HALSTED ST

REPORTING PERIOD: 2013 - 2023

AP#: FPBTEN30276

PROPERTY ADDRESS: 11414 S HALSTED ST

TYPE: TENANT ANNUAL

PRIMARY APPLICANT: JEWEL FOODS STORES

<u>INSPECTION #</u>	<u>COMPLETED</u>	<u>RESULT</u>
465108	3/12/2015	Pass
818143	1/24/2018	Pass
1204039	1/5/2021	Pass

CODE VIOLATIONS

NONE

HAZARDOUS MATERIAL

NONE



Nicole Axtolis <nikki@a3e.com>

[Records Center] Department of Public Health :: Q059241-101923

1 message

FOIA - City of Chicago <chicagoil@govqa.us>
To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 26, 2023 at 3:19 PM

--- Please respond above this line ---



CITY OF CHICAGO



Good afternoon,

Environmental records maintained by the Chicago Department of Public Health (CDPH) are available online through the City's Open Data Portal at <https://data.cityofchicago.org>. You may start your search in the Environmental Records Lookup Table (<https://data.cityofchicago.org/d/a9u4-3dwb>).

Click on the "View Data" button, and then enter a street address (in the filter on the right of your screen) to determine whether records exist in any of the seven environmental datasets: Complaints, Asbestos/Demolition Notices, Enforcement, Inspections, Permits, Aboveground/Underground Tanks, and Environmental Permit Holds. If there is a "Y" for yes in the Lookup Table, then click on the "Y" to go to the indicated dataset and find the information you have requested.

Please let me know if you have any trouble accessing the records.

Sincerely,
Deiry Velazquez





Nicole Axtolis <nikki@a3e.com>

[Records Center] Department of Public Health :: Q059242-101923

1 message

FOIA - City of Chicago <chicagoil@govqa.us>
To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 26, 2023 at 3:23 PM

--- Please respond above this line ---



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Deiry Velazquez





Nicole Axtolis <nikki@a3e.com>

[Records Center] Department of Public Health :: Q059244-101923

1 message

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To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 26, 2023 at 3:26 PM

--- Please respond above this line ---



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Deiry Velazquez





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[Records Center] Department of Public Health :: Q059245-101923

1 message

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To: "nikki@a3e.com" <nikki@a3e.com>

Thu, Oct 26, 2023 at 3:16 PM

--- Please respond above this line ---



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Deiry Velazquez





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Thu, Oct 26, 2023 at 3:13 PM

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Thu, Oct 26, 2023 at 3:11 PM

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[Records Center] Department of Public Health :: Q059248-101923

1 message

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Thu, Oct 26, 2023 at 3:08 PM

--- Please respond above this line ---



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Sincerely,
Deiry Velazquez





COMMITTEE ON DESIGN

Department of Planning and Development

MORGAN PARK COMMONS

11420 South Halsted

Morgan Park / 34th Ward / Ald. Austin

Developer: Far South Community Development Corporation

Designer: Lamar Johnson Collaborative

Attorneys: Goldstein & McClintock

November 9, 2022

★ DESIGN NARRATIVE / PROJECT VISION

Vision:

- The 12.06-acre (525,334 square feet) proposed site seeks to demolish its existing 67,000 square foot retail store structure and replace it with:
 - 286-units of affordable and market-rate rental housing and townhomes (150 rentals, 136 townhomes)
 - 18,750 square-feet of retail, and a community center
 - 3-acres of outdoor public space connecting to the Major Taylor Bike Trail

Phase I Goals:

- 12-Acre site preparation and development
- 2-buildings (80 units with ground floor retail)
- 10,000 sf ground floor retail
- 2-gateway plazas (Halsted and 115th Street)
- Pace Pulse Intermodal Station
- Median crosswalk at 114th Place
- 3-acre privately owned public park



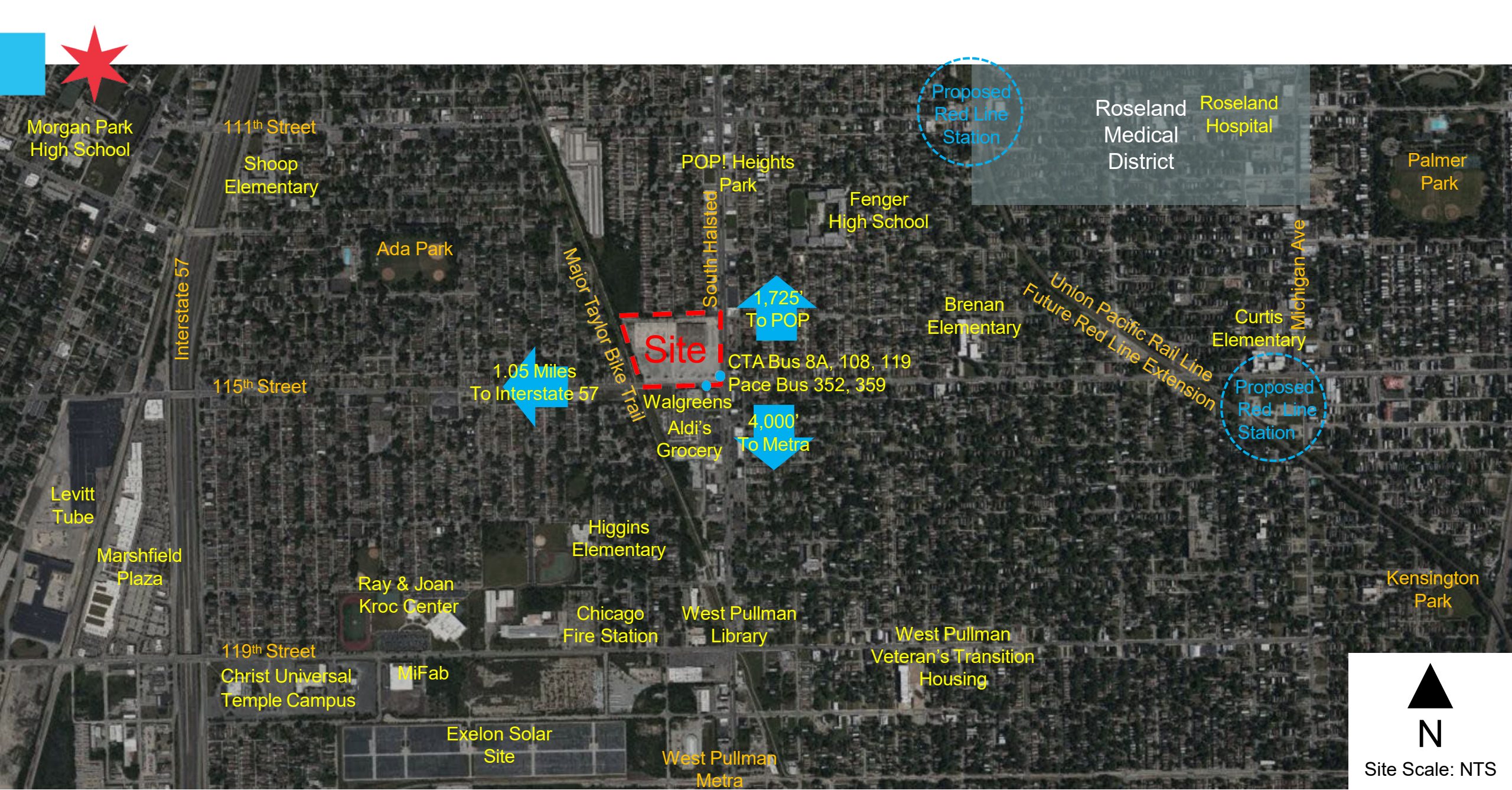
★ COMMUNITY CONCERNS

- Concern 1: Ensure commitment and process for minority contracting opportunities
- Concern 2: Affordability of rental and single-family units
- Concern 3: Increase retail onsite based on the needs of the residents
- Concern 4: Ensuring units are for minority individuals and families
- Concern 5: Safety of residents onsite
- Concern 6: Do not want plan to look like “project housing”



POP! Heights Park Grand Opening: Oct. 29th, 2022





Site Scale: NTS



AERIAL VIEW

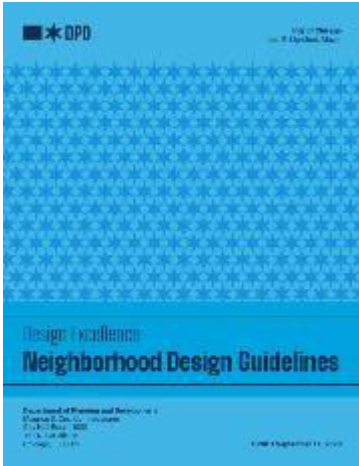


Site Scale: NTS



SITE PHOTO





Neighborhood Design Guidelines

City of Chicago Department of Planning and Development, September 2020

- Considers opportunities for re-purposing existing buildings, rather than building new.
- Provides visual buffers between on-site open spaces and adjacent incompatible land uses and/or views

Photo: Family Services and PSEC; LISC Chicago New Communities Network. QUALITY OF LIFE PLAN 2021

FAR SOUTH CHICAGO
ONE BAND. ONE SOUND.



Quality of Life Plan - Roseland

Local Initiative Support Corporation, September 2021

- Considers community connections and plan for increasing equity and opportunities for residents and businesses on Chicago's far south side neighborhoods.

Dept. Planning & Development

RED AHEAD

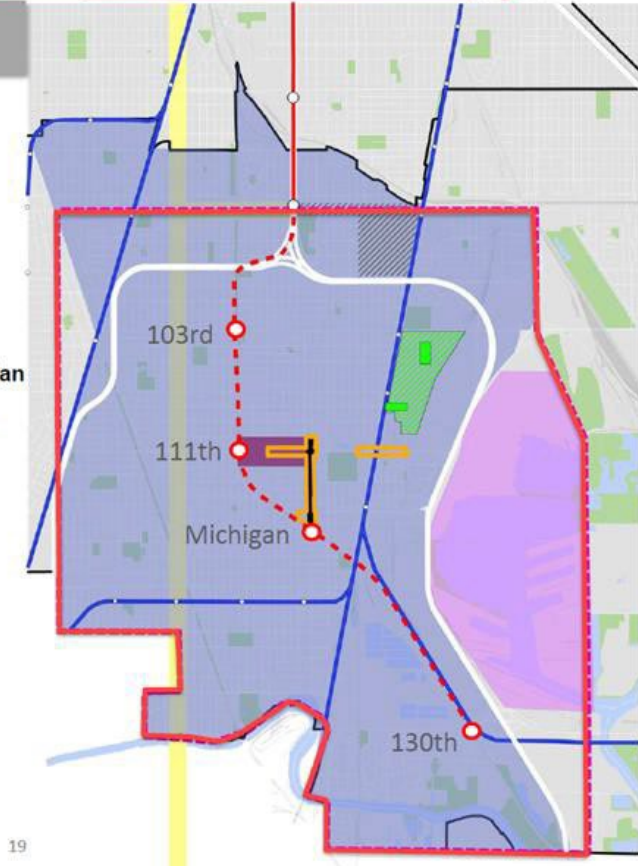


Current/Ongoing Plans

- Red Line Extension (RLE)
- RLE Transit-Supportive Development Plan
- INVEST South West Corridors**
- Roseland Medical District Planning**
- Far South Chicago Coalition Quality of Life Plan
- Historic Preservation Study (Michigan Ave)**
- Chicago State University / 95th Street**
- South Halsted Bus Corridor Enhancement
- Illinois Port District Master Plan
- Metra Electric (Station Updates)
- Community Economic Development Empowerment Project



** Department of Planning & Development Involvement 19





South Halsted Bus Corridor Enhancement Project

Pace Suburban Bus and the Chicago Transit Authority (CTA) are collaborating to improve public transportation along South Halsted Street. They've completed a study to evaluate transit needs and identify improvements to better serve local communities while enhancing connections to the regional transit network.





Total Site Area: 12 ACRES

Total Residential Units: 286 UNITS

Phase 1 - 80 UNITS

Phase 2 - 70 UNITS

Phase 3 - 70 UNITS

Phase 4 - 66 UNITS

Phase 5 - FIELD HOUSE & COMMUNITY CENTER

Total Retail: 18,750SF

Phase 1 - 10,000SF

Phase 2 - 8,750SF

Total Parking: 289 + 57 Future

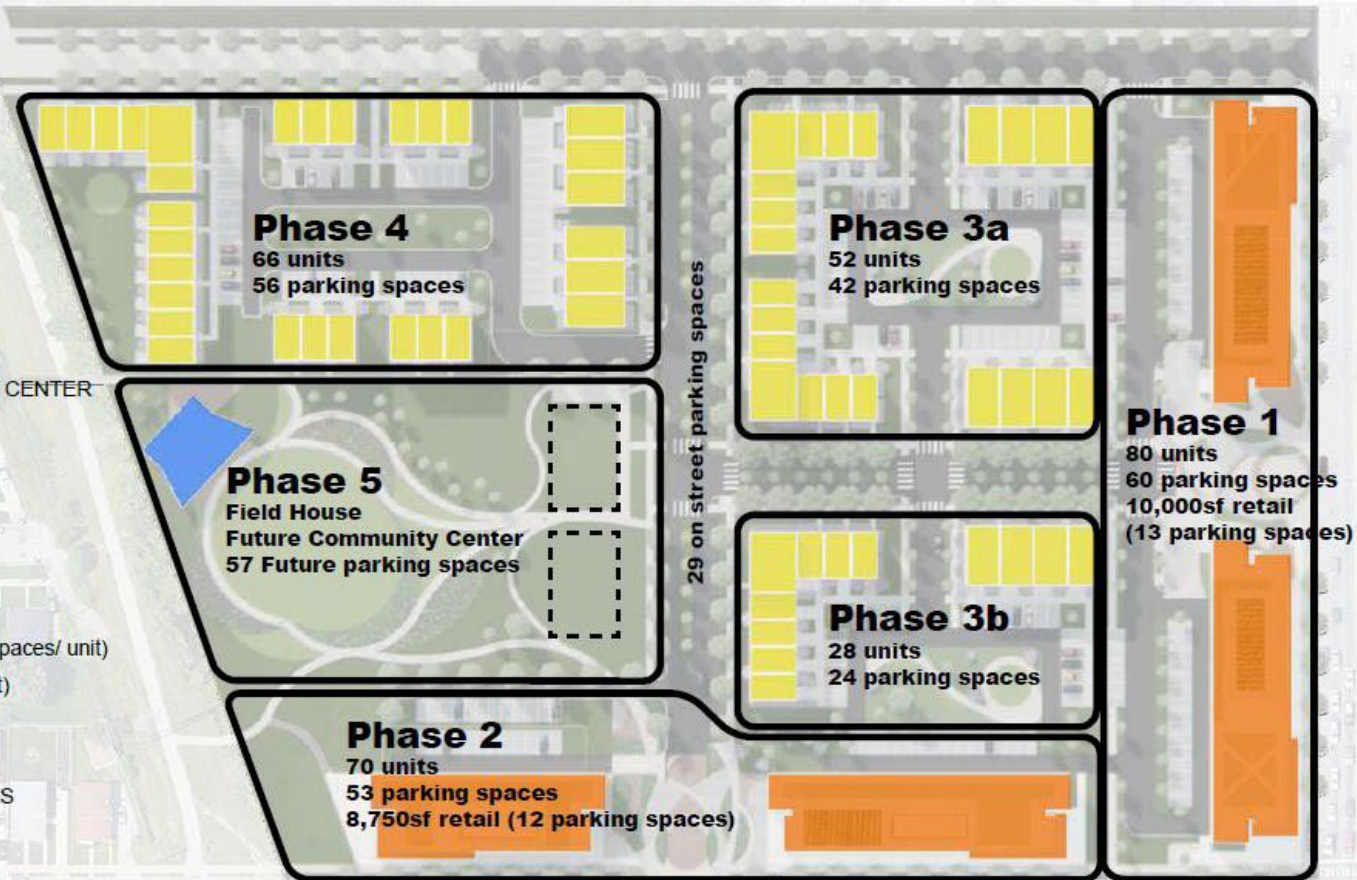
Mid-rise Residential - 113 SPACES (0.75 spaces/ unit)

Town home - 122 SPACES (.75 space/ unit)

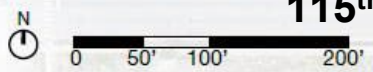
Retail - 25 SPACES

Street Parking - 29 SPACES (Parallel)

Community Center - (FUTURE) 57 SPACES



South Halsted



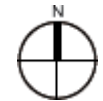
Lamar Johnson Collaborative

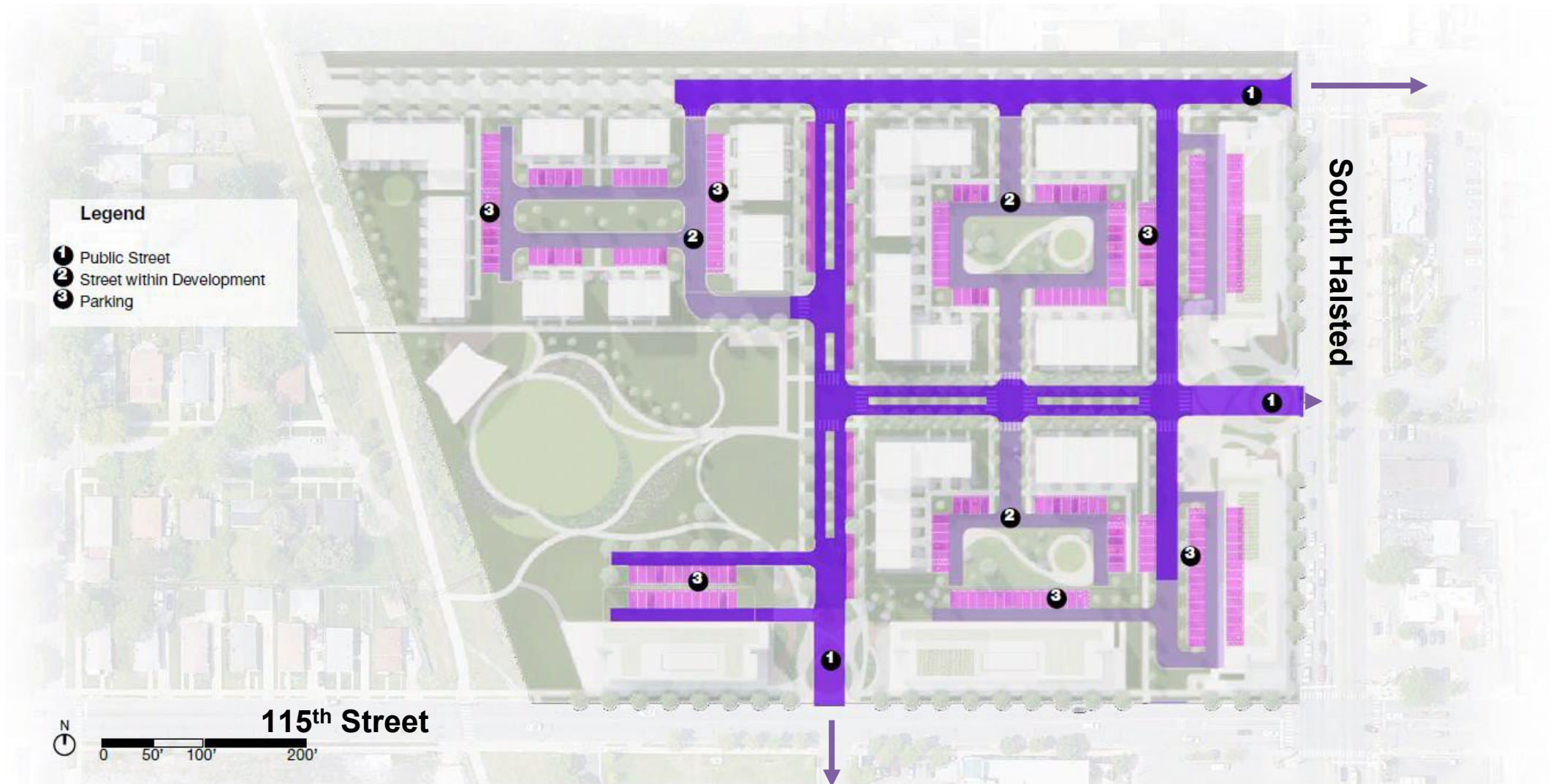
FARSOUTH

POAH CHICAGO

MORGAN PARK COMMONS: BUILDINGS

34TH WARD ALDERMAN CARRIE M. AUSTIN





- Legend**
- 1 Public Street
 - 2 Street within Development
 - 3 Parking

N
0 50' 100' 200'

115th Street

South Halsted

Lamar Johnson Collaborative

FARSOUTH
COMMUNITY DEVELOPMENT CORPORATION

POAH
CHICAGO

MORGAN PARK COMMONS:
CIRCULATION

34TH WARD ALDERMAN
CARRIE M. AUSTIN





Lamar Johnson
Collaborative

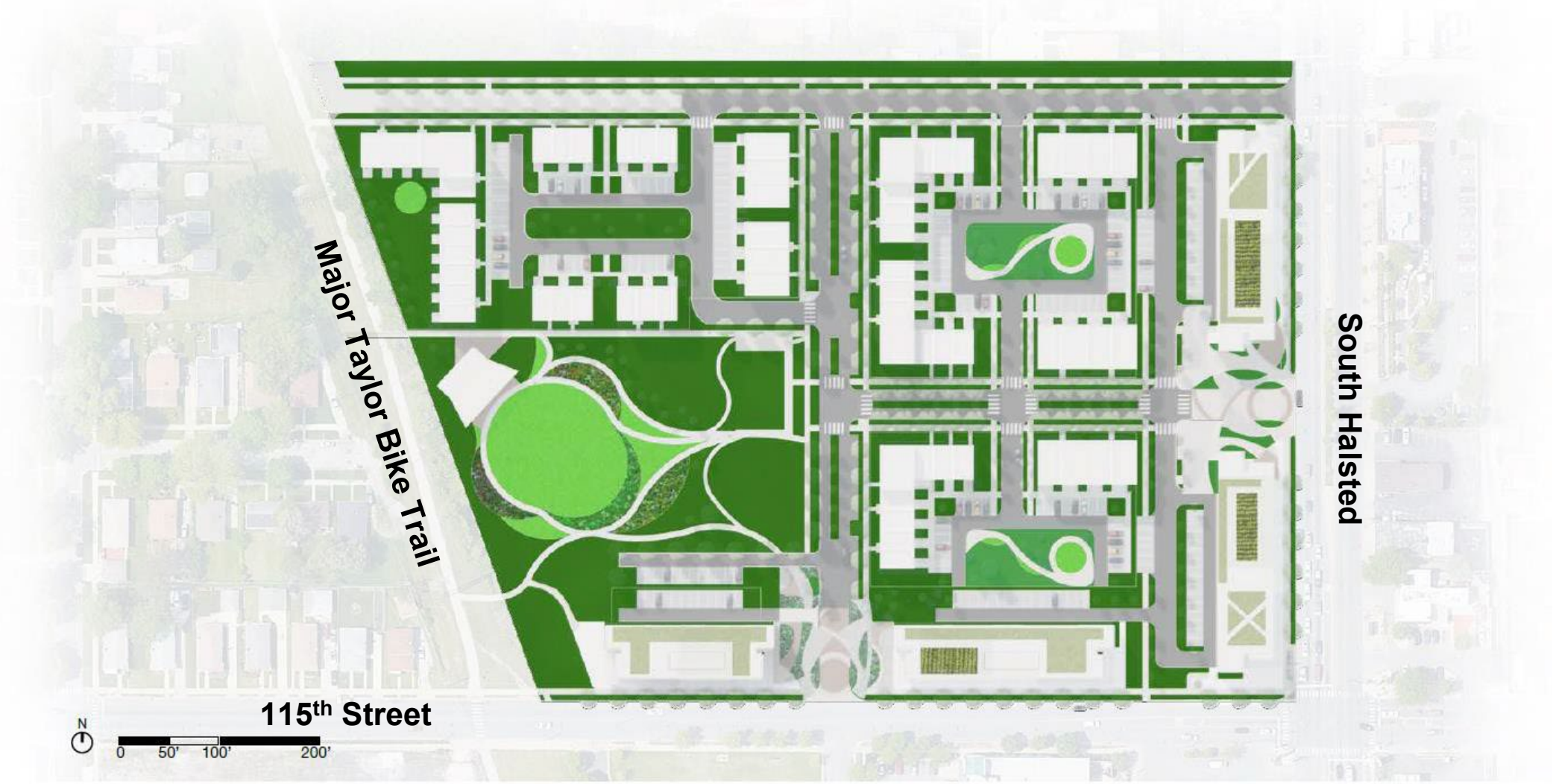
FARSOUTH
COMMUNITY DEVELOPMENT CORPORATION

POAH
CHICAGO

MORGAN PARK COMMONS: STORMWATER MANAGEMENT

34TH WARD ALDERMAN
CARRIE M. AUSTIN





Lamar Johnson
Collaborative



MORGAN PARK COMMONS:
GREEN SPACE

34TH WARD ALDERMAN
CARRIE M. AUSTIN







Lamar Johnson
Collaborative

FARSOUTH
COMMUNITY DEVELOPMENT CORPORATION



MORGAN PARK COMMONS:
SITE PLAN

34TH WARD ALDERMAN
CARRIE M. AUSTIN





BUILDING METRICS - MORGAN PARK COMMONS | NORTHEAST BUILDING

Diagram illustrating the unit mix and layout of the building, showing a mix of residential units (apartments) and commercial spaces (retail and lobby).

Level	Fl. Ht.	Residential RSF				Total units/flr	subtotal NSF	Retail	Gross Rentable Area	Common Area	Gross Enclosed Area	Efficiency GRA/GEA	Gross Exterior Area						Gross Constr. Area enclosed	Gross Constr. Area	attributable FAR
		Studio avg. NSF	1 BR avg. NSF	2 BR avg. NSF	2 BR corner avg. NSF								Balcony in	Balcony out	Terrace	MEP/eOth	Landscaping	Parking spaces			
Roof	47.01'																				
9	10.67'	3	6	3	2	14	9,850	9,850	1,930	11,780	83.6%	165					11,780	11,945	11,780		
8	10.67'	3	6	3	2	14	9,850	9,850	1,930	11,780	83.6%	165					11,780	11,945	11,780		
7	10.67'	3	6	3	2	14	9,850	9,850	1,930	11,780	83.6%	165					11,780	11,945	11,780		
1	15.00'							7,220	7,220	1,470	8,690	83.1%			325			9,015	9,015	9,015	
SUBTOTALS		9	18	9	6	42	39,550	7,220	36,790	7,260	44,030	83.5%	495				44,355	44,850	44,355		
RSF SUBTOTALS		3,960	10,980	7,965	5,310	704	average unit NSF	NSF	NSF	GSF	GSF		SF	SF	SF	SF	GSF	GSF	GSF		
MIX % SUBTOTALS		21.4%	42.9%	21.4%	14.3%																

approximate lot area : 32,950 sf

resulting FAR: 1.35
recommended FAR: 1.50



Triangle Square Apartments – Chicago, Illinois



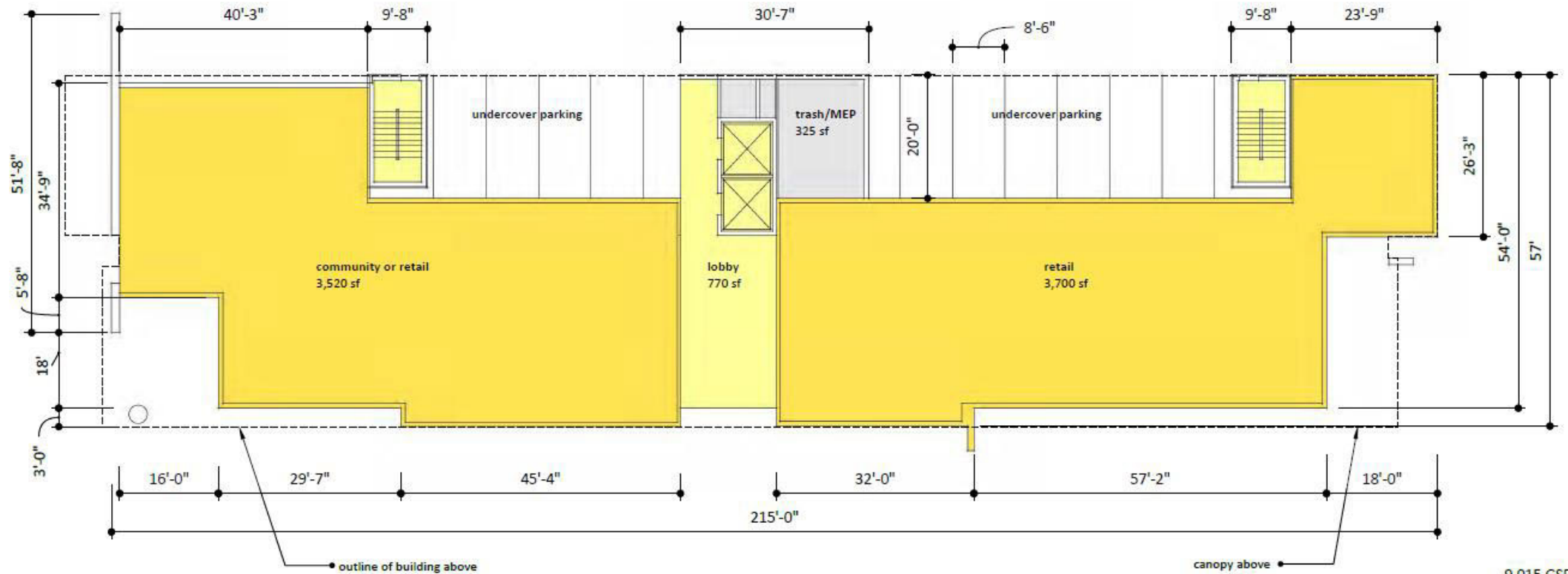
Sunnen Station - Maplewood, Missouri



Park + Regents - Madison, Wisconsin



3831 West Chicago Avenue – Chicago, Illinois



9,015 GSF
20 covered pkg. spaces
672 LF PERIMETER



© LAMAR JOHNSON COLLABORATIVE 2021

0' 16'

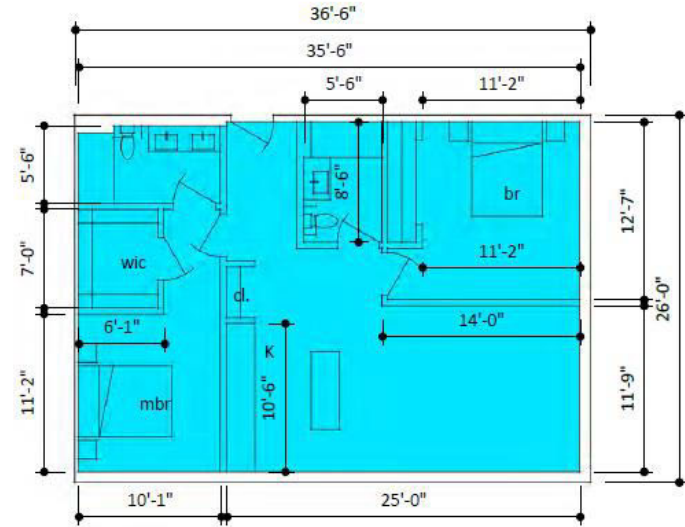
MORGAN PARK COMMONS | CHICAGO | INITIAL CONCEPT for EAST BUILDINGS | TYPICAL RESIDENTIAL LEVELS (2-4) NORTH BUILDING

CLAYCO | LAMAR JOHNSON COLLABORATIVE 06.22.2021

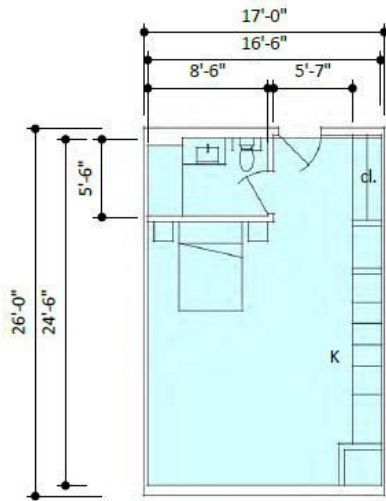




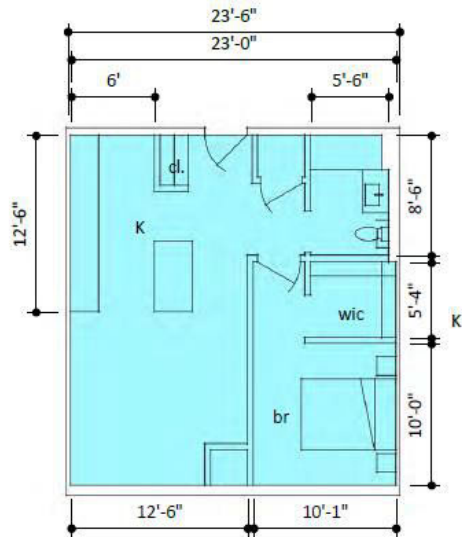
	unit NSF	bdrms per unit	baths per unit	%	QTY	subtotal unit NSF	subtotal bdrms	subtotal baths
studio	440 nsf	1	1	21.4%	9 units	3,960 nsf	9	9
1 BR	610 nsf	1	1	42.9%	18 units	10,980 nsf	18	18
2 BR	885 nsf	2	2	21.4%	9 units	7,965 nsf	18	18
2 BR	950 nsf	2	2	14.3%	6 units	5,700 nsf	12	12
SUBTOTALS	681 avg. unit NSF			100.0%	42 units	28,605 RSF	57	57



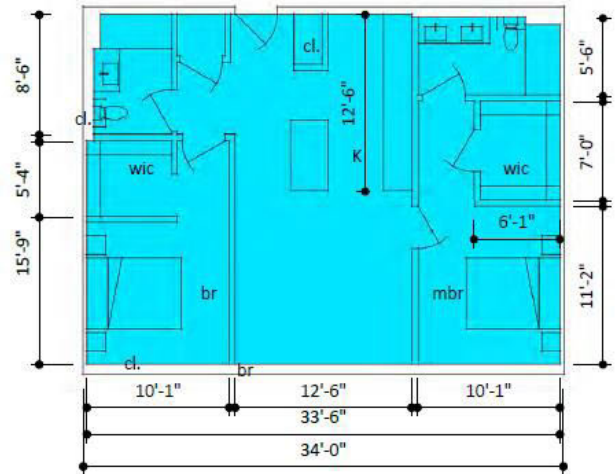
2 BR corner | 950 nsf



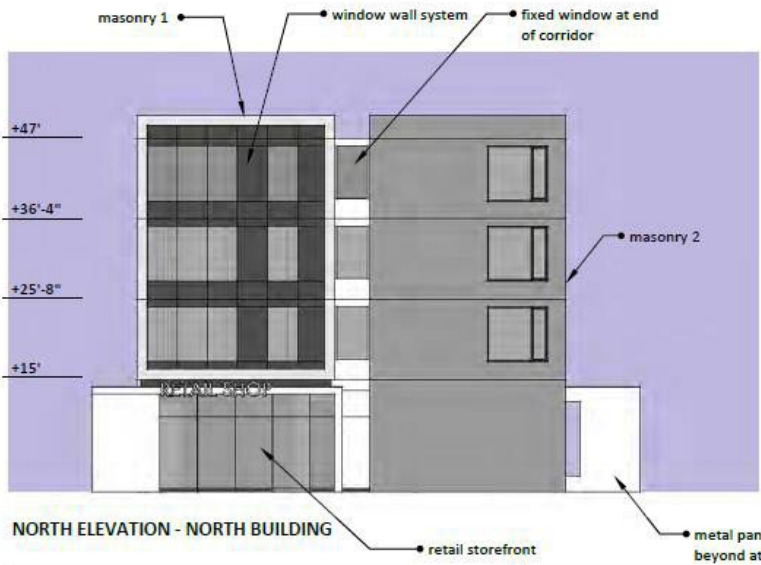
STUDIO | 440 nsf

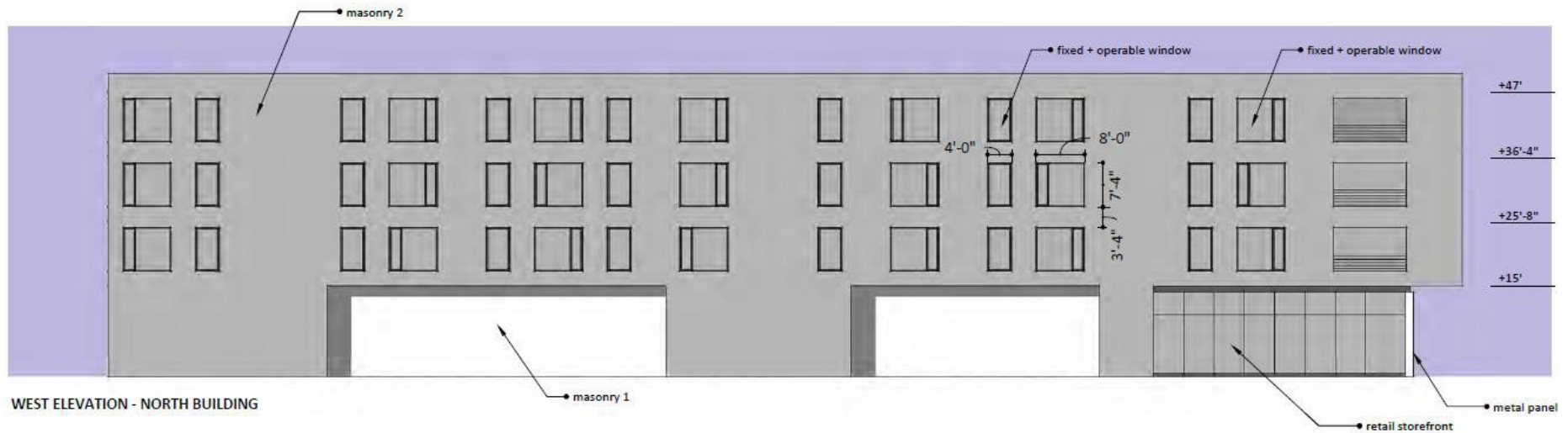


1 BR | 610 nsf

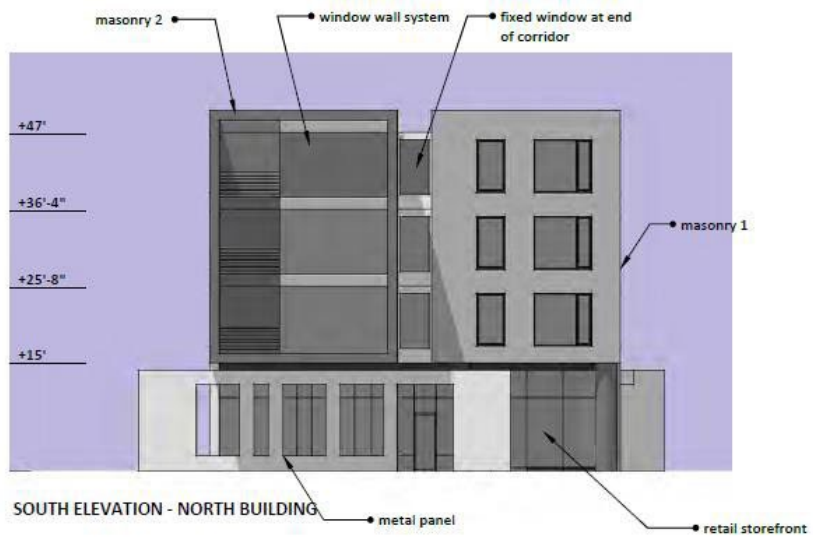


2 BR | 885 nsf

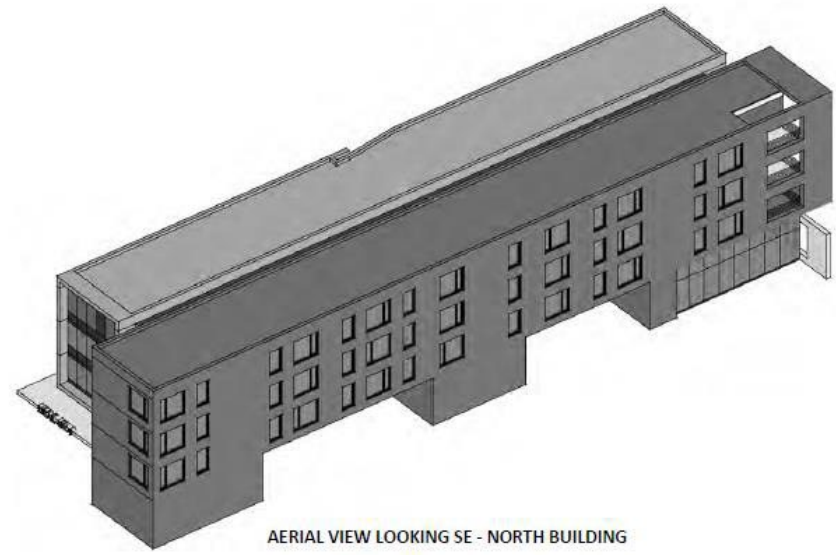




WEST ELEVATION - NORTH BUILDING



SOUTH ELEVATION - NORTH BUILDING



AERIAL VIEW LOOKING SE - NORTH BUILDING



RENDERING WITH PEDESTRIAN CONTEXT











COMMITTEE ON DESIGN

Department of Planning and Development

11420 South Halsted

Morgan Park / 34th Ward / Ald. Austin

Developer: Far South Community Development Corporation

Designer: Lamar Johnson Collaborative

Attorneys: Goldstein & McClintock

November 9, 2022



COMMITTEE ON DESIGN

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MORGAN PARK COMMONS

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Morgan Park / 34th Ward / Ald. Austin

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November 9, 2022

★ DESIGN NARRATIVE / PROJECT VISION

Vision:

- The 12.06-acre (525,334 square feet) proposed site seeks to demolish its existing 67,000 square foot retail store structure and replace it with:
 - 286-units of affordable and market-rate rental housing and townhomes (150 rentals, 136 townhomes)
 - 18,750 square-feet of retail, and a community center
 - 3-acres of outdoor public space connecting to the Major Taylor Bike Trail

Phase I Goals:

- 12-Acre site preparation and development
- 2-buildings (80 units with ground floor retail)
- 10,000 sf ground floor retail
- 2-gateway plazas (Halsted and 115th Street)
- Pace Pulse Intermodal Station
- Median crosswalk at 114th Place
- 3-acre privately owned public park



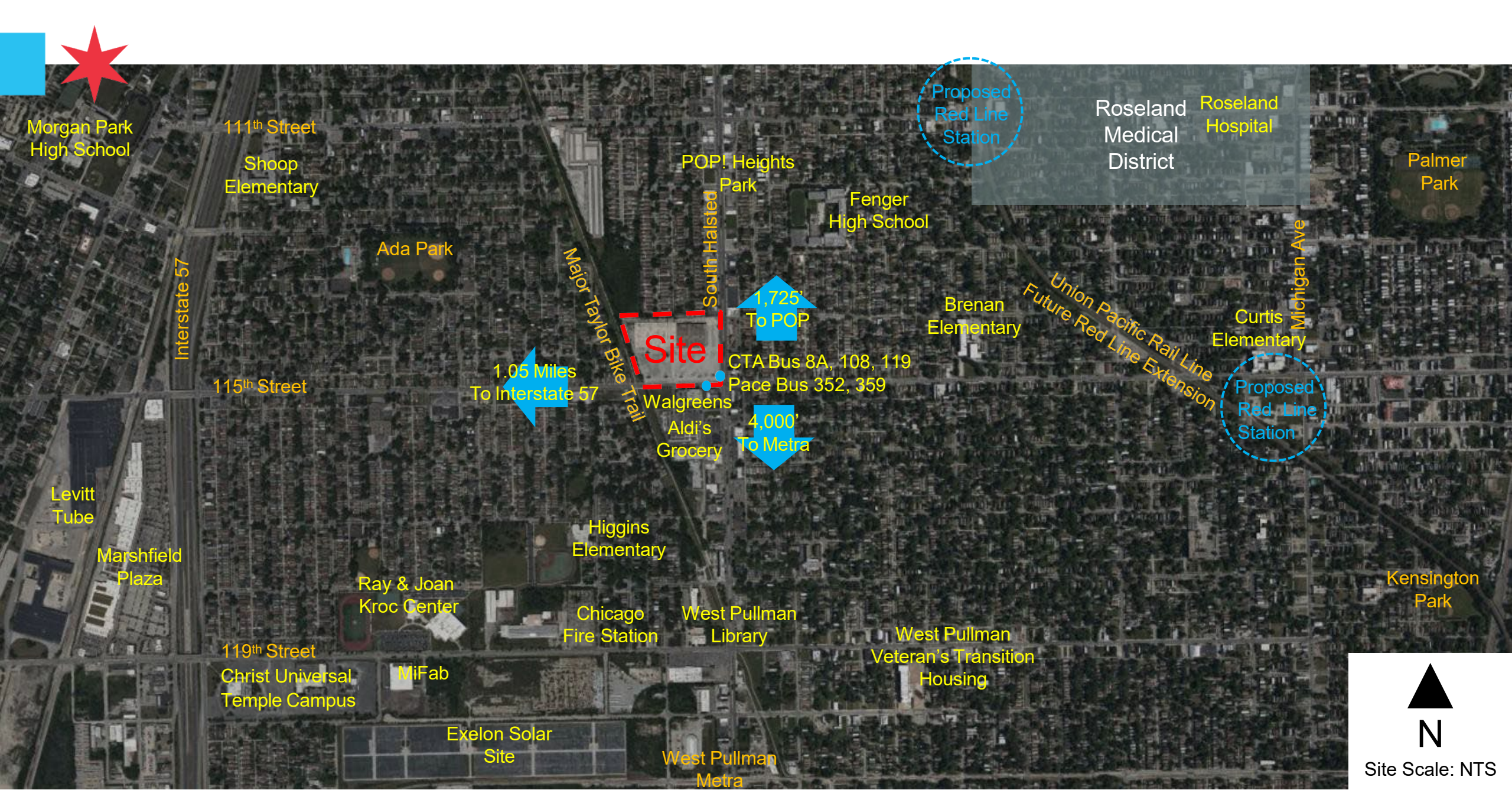
★ COMMUNITY CONCERNS

- Concern 1: Ensure commitment and process for minority contracting opportunities
- Concern 2: Affordability of rental and single-family units
- Concern 3: Increase retail onsite based on the needs of the residents
- Concern 4: Ensuring units are for minority individuals and families
- Concern 5: Safety of residents onsite
- Concern 6: Do not want plan to look like “project housing”



POP! Heights Park Grand Opening: Oct. 29th, 2022



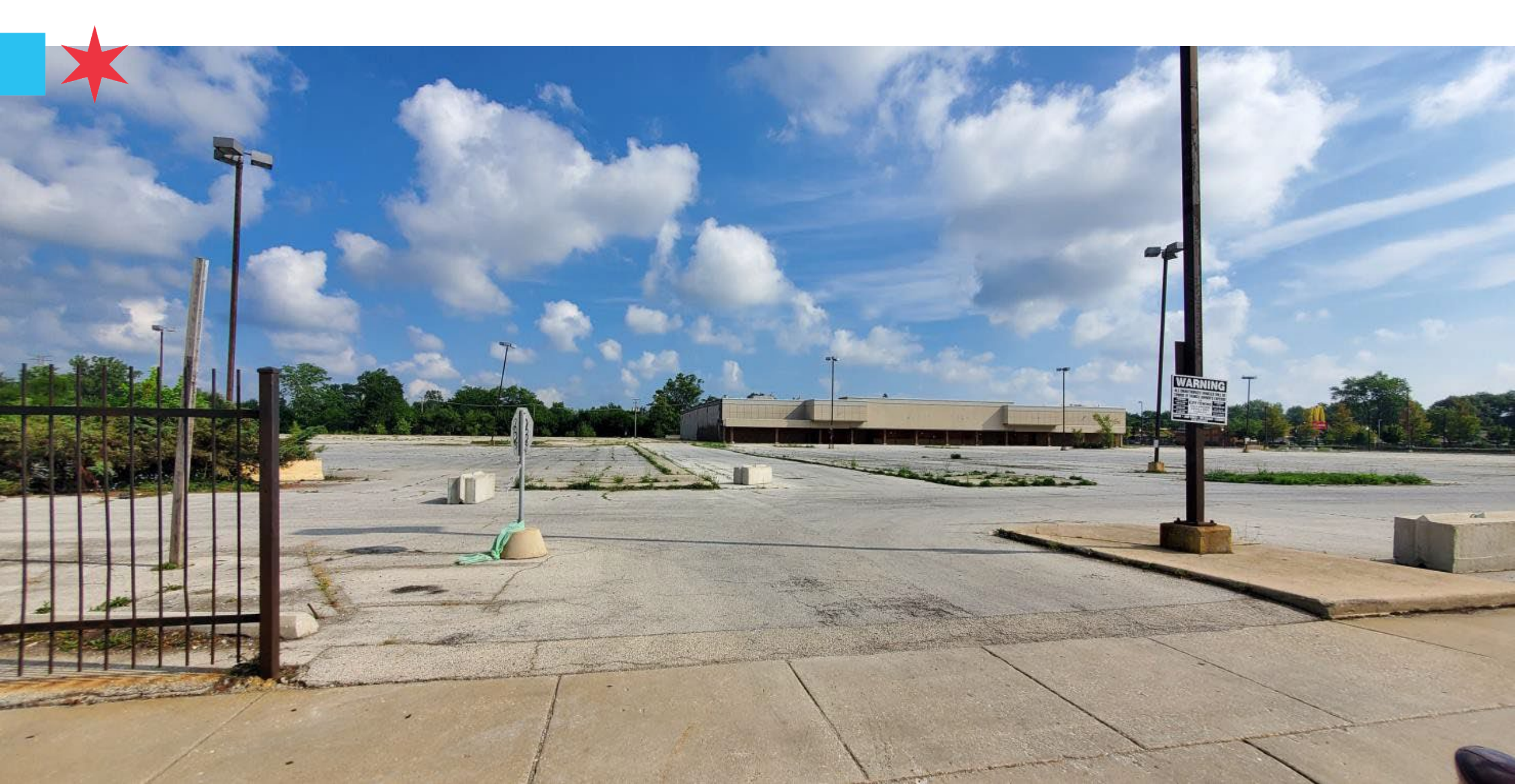




AERIAL VIEW

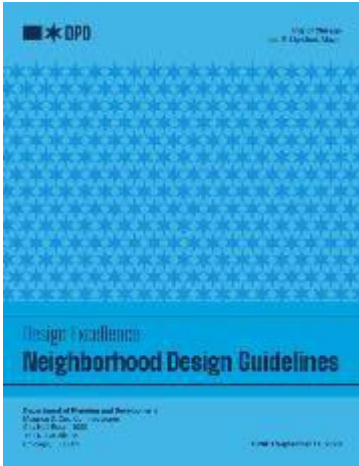


Site Scale: NTS



SITE PHOTO





Nighborhood Design Guidelines

City of Chicago Department of Planning and Development, September 2020

- Considers opportunities for re-purposing existing buildings, rather than building new.
- Provides visual buffers between on-site open spaces and adjacent incompatible land uses and/or views

Photo: Family Services and PSEC; LISC Chicago New Communities Network. QUALITY OF LIFE PLAN 2021

FAR SOUTH CHICAGO
ONE BAND. ONE SOUND.



Quality of Life Plan - Roseland

Local Initiative Support Corporation, September 2021

- Considers community connections and plan for increasing equity and opportunities for residents and businesses on Chicago's far south side neighborhoods.

Dept. Planning & Development

RED AHEAD

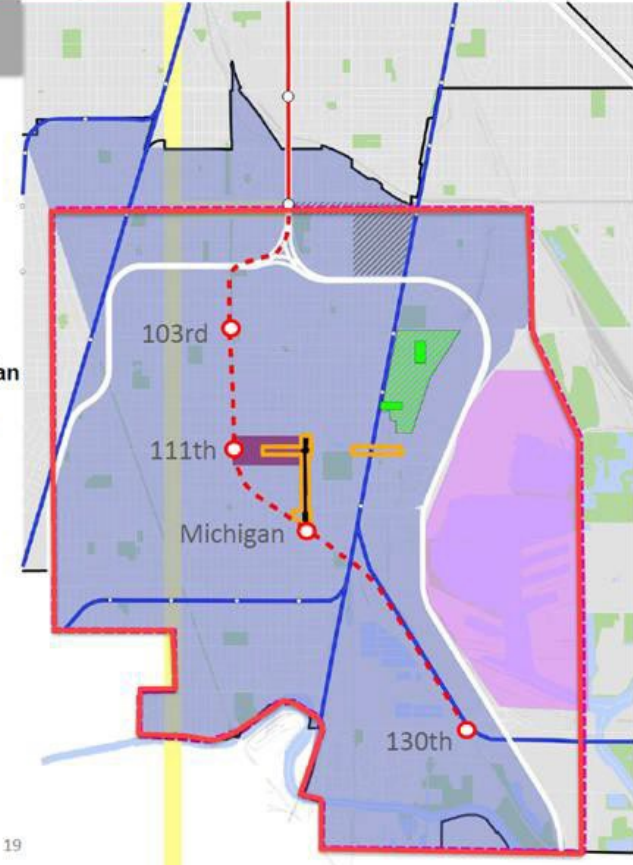


Current/Ongoing Plans

- Red Line Extension (RLE)
- RLE Transit-Supportive Development Plan
- INVEST South West Corridors**
- Roseland Medical District Planning**
- Far South Chicago Coalition Quality of Life Plan
- Historic Preservation Study (Michigan Ave)**
- Chicago State University / 95th Street**
- South Halsted Bus Corridor Enhancement
- Illinois Port District Master Plan
- Metra Electric (Station Updates)
- Community Economic Development Empowerment Project



** Department of Planning & Development Involvement 19





South Halsted Bus Corridor Enhancement Project

Pace Suburban Bus and the Chicago Transit Authority (CTA) are collaborating to improve public transportation along South Halsted Street. They've completed a study to evaluate transit needs and identify improvements to better serve local communities while enhancing connections to the regional transit network.





Total Site Area: 12 ACRES

Total Residential Units: 286 UNITS

Phase 1 - 80 UNITS

Phase 2 - 70 UNITS

Phase 3 - 70 UNITS

Phase 4 - 66 UNITS

Phase 5 - FIELD HOUSE & COMMUNITY CENTER

Total Retail: 18,750SF

Phase 1 - 10,000SF

Phase 2 - 8,750SF

Total Parking: 289 + 57 Future

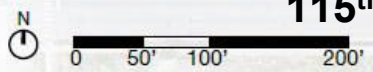
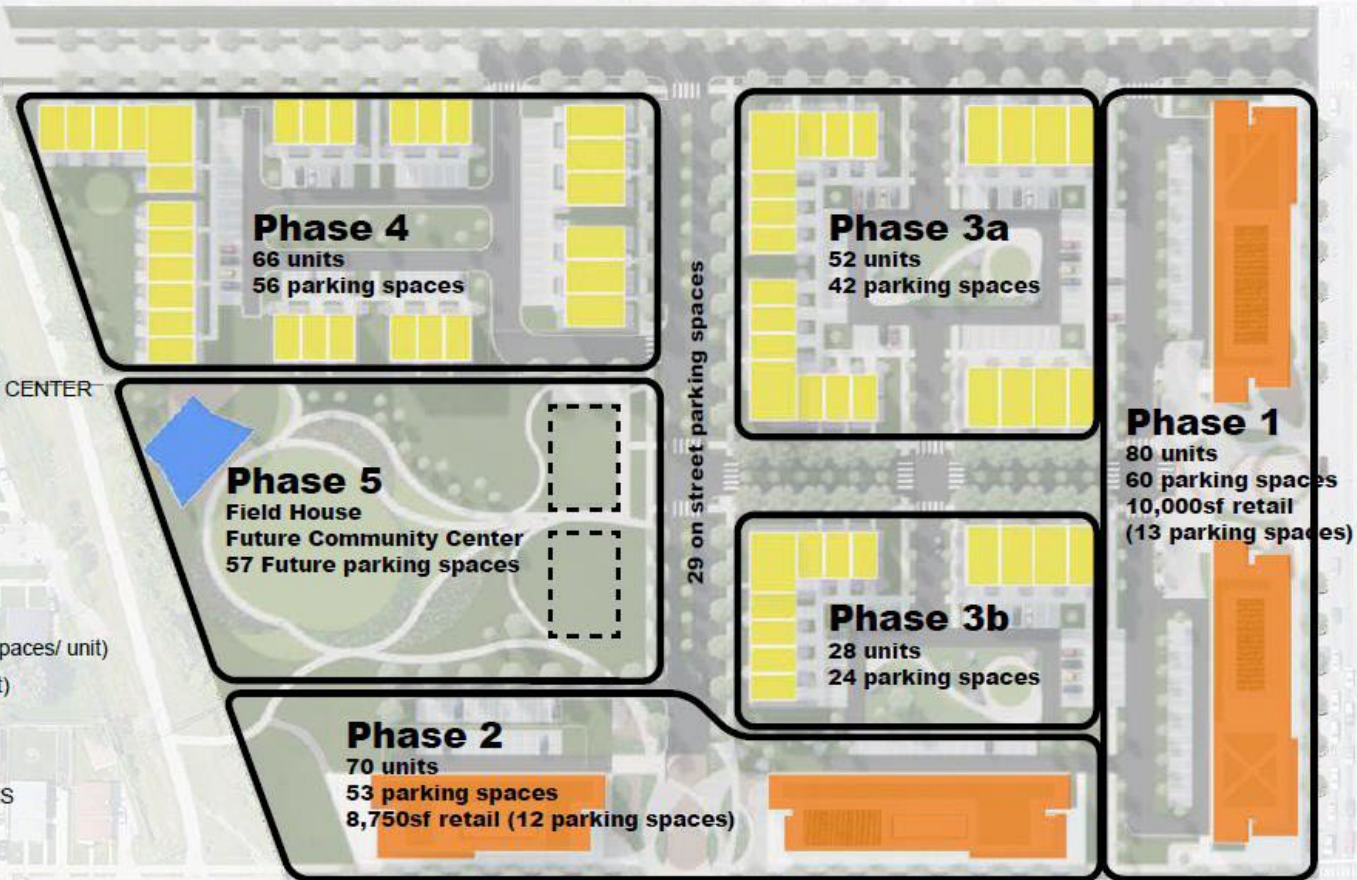
Mid-rise Residential - 113 SPACES (0.75 spaces/ unit)

Town home - 122 SPACES (.75 space/ unit)

Retail - 25 SPACES

Street Parking - 29 SPACES (Parallel)

Community Center - (FUTURE) 57 SPACES

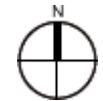
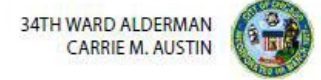


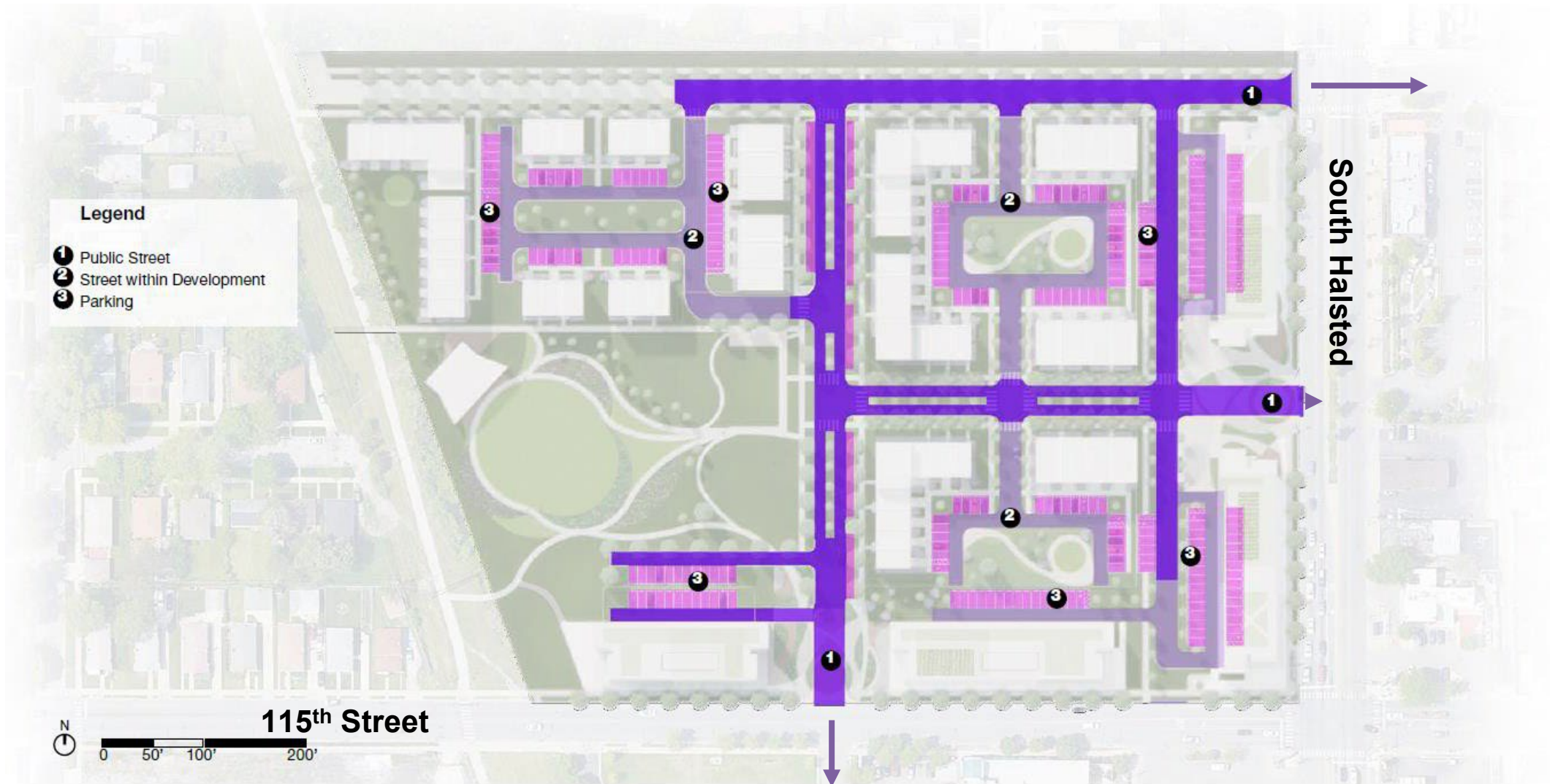
115th Street

South Halsted



**MORGAN PARK COMMONS:
BUILDINGS**





- Legend**
- 1 Public Street
 - 2 Street within Development
 - 3 Parking

N
0 50' 100' 200'

Lamar Johnson Collaborative

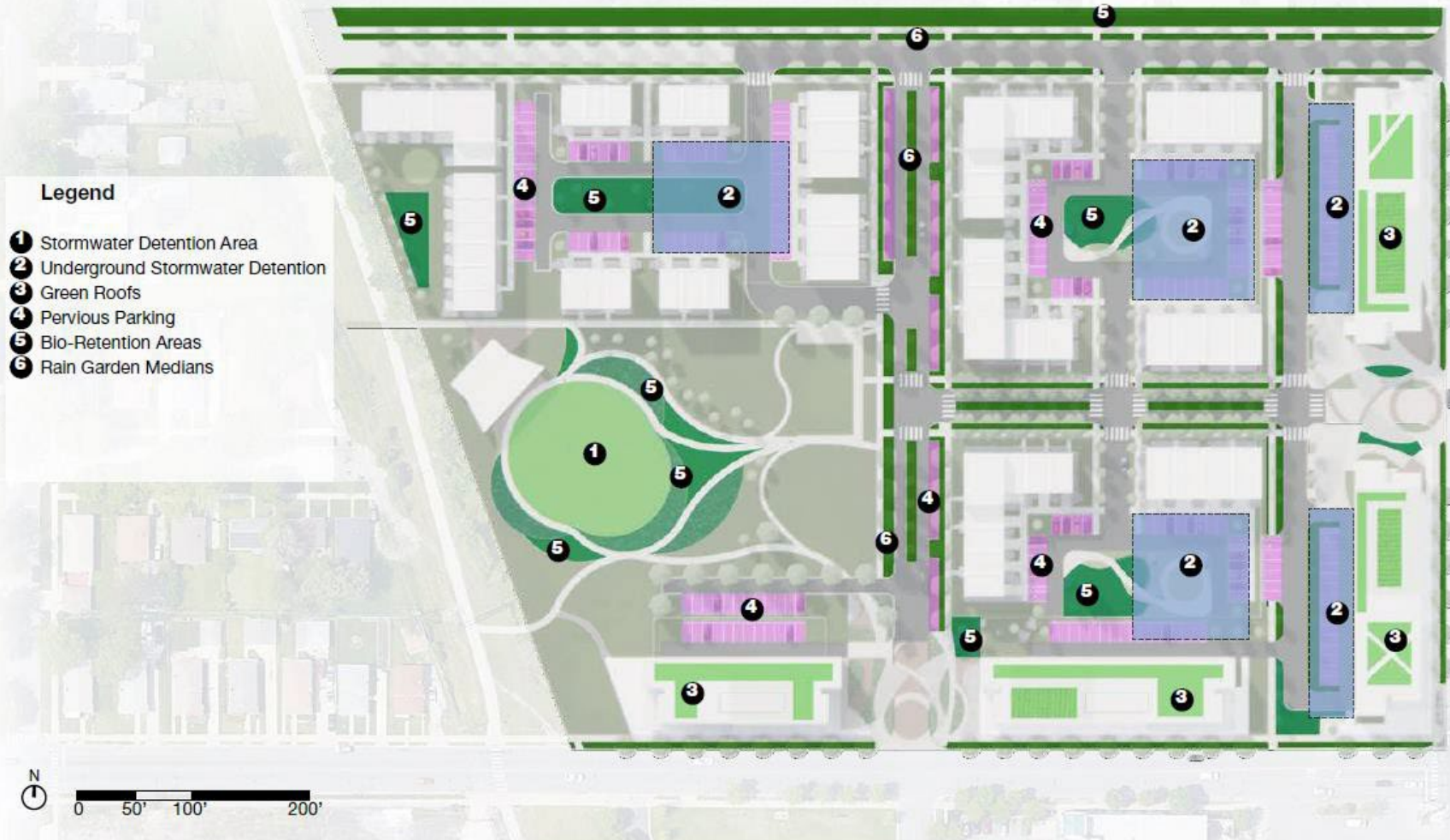
FARSOUTH
COMMUNITY DEVELOPMENT CORPORATION

POAH
CHICAGO

MORGAN PARK COMMONS:
CIRCULATION

34TH WARD ALDERMAN
CARRIE M. AUSTIN





Lamar Johnson
Collaborative

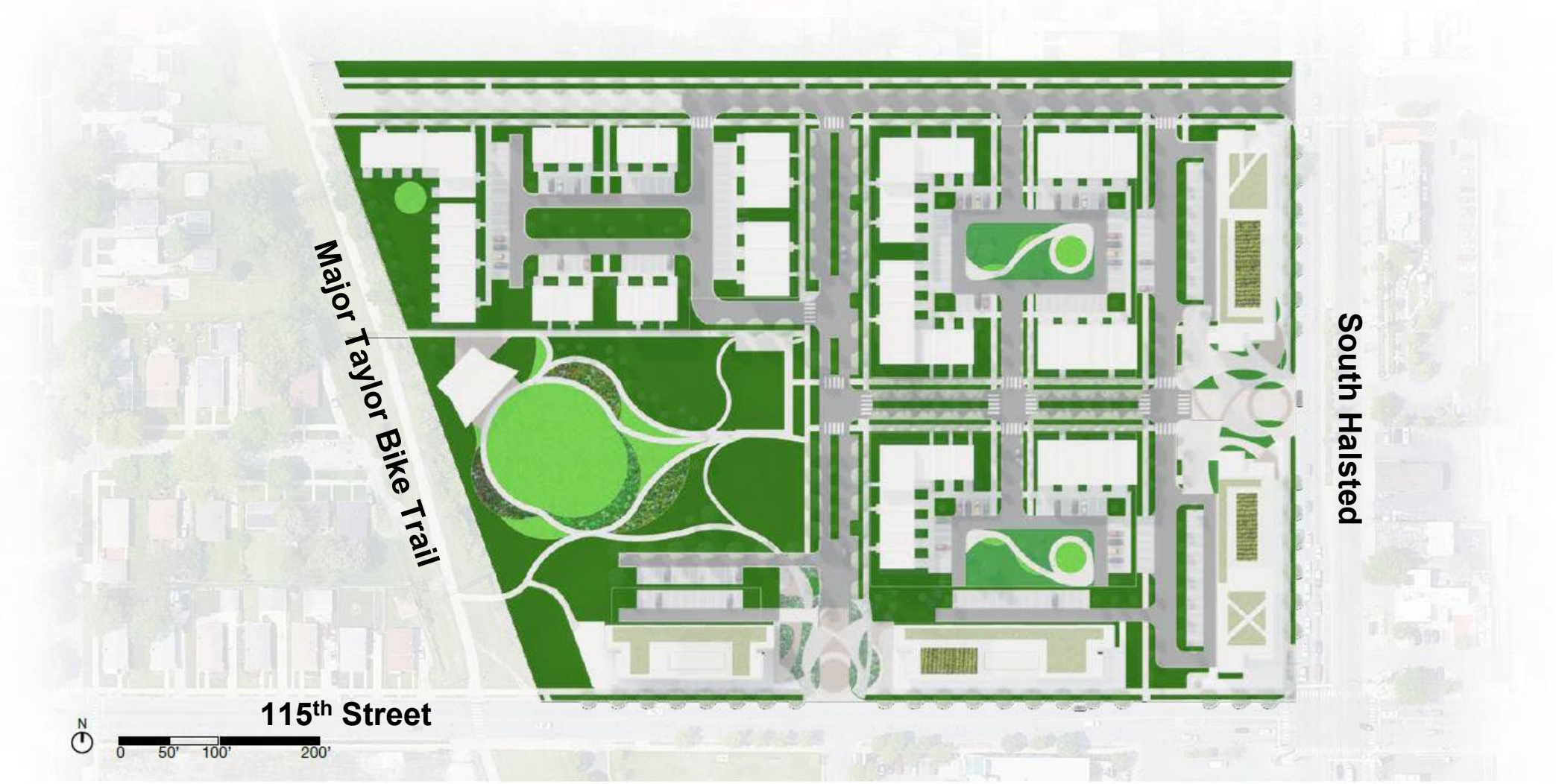
FARSOUTH
COMMUNITY DEVELOPMENT CORPORATION

POAH
CHICAGO

MORGAN PARK COMMONS: STORMWATER MANAGEMENT

34TH WARD ALDERMAN
CARRIE M. AUSTIN





Lamar Johnson
Collaborative



MORGAN PARK COMMONS:
GREEN SPACE

34TH WARD ALDERMAN
CARRIE M. AUSTIN







Lamar Johnson
Collaborative

FARSOUTH
COMMUNITY DEVELOPMENT CORPORATION



MORGAN PARK COMMONS:
SITE PLAN

34TH WARD ALDERMAN
CARRIE M. AUSTIN





Triangle Square Apartments – Chicago, Illinois



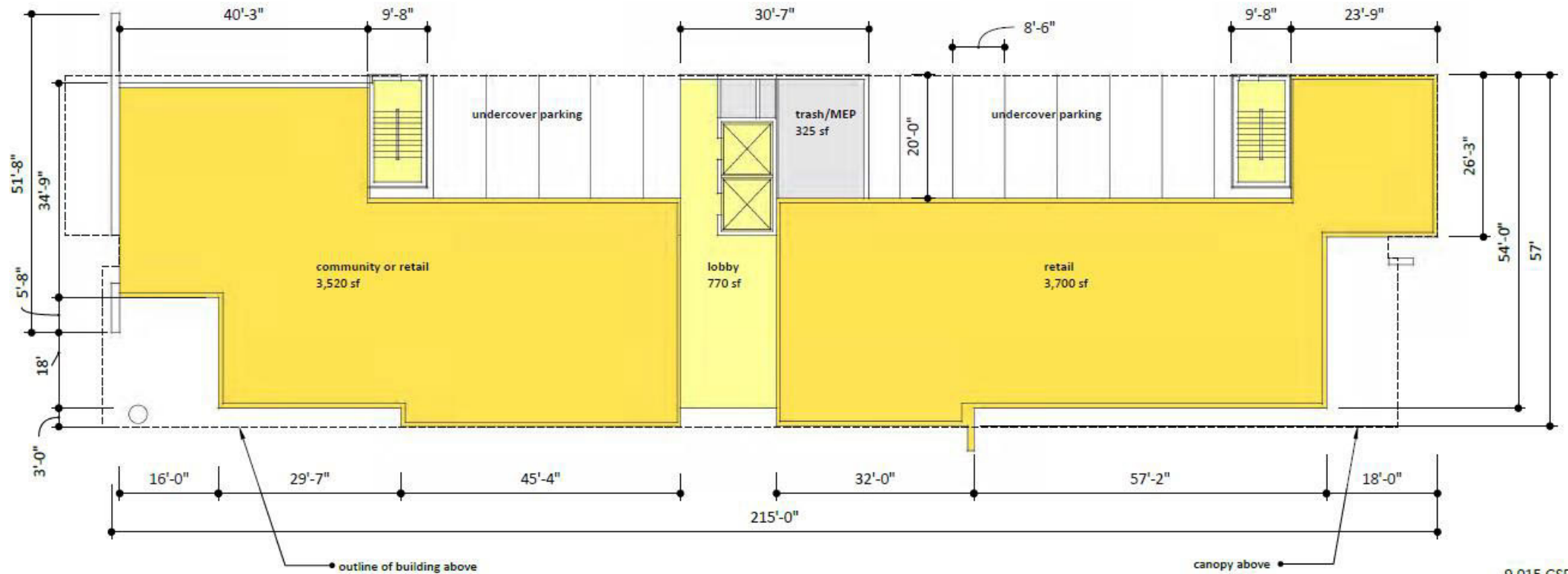
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3831 West Chicago Avenue – Chicago, Illinois



9,015 GSF
20 covered pkg. spaces
672 LF PERIMETER





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0' 16'

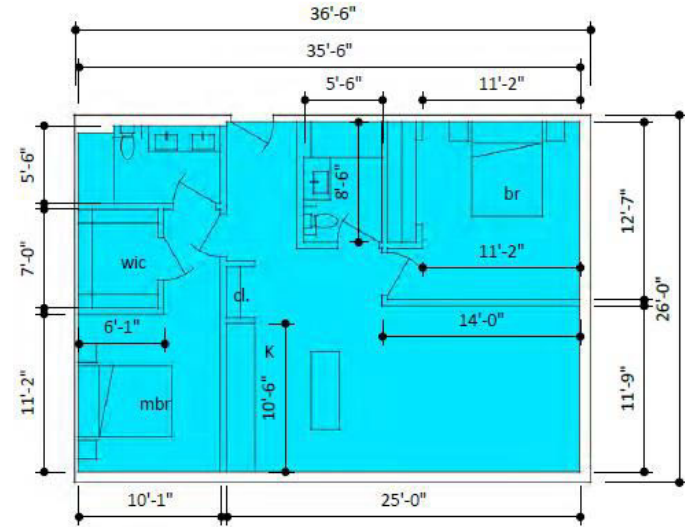
MORGAN PARK COMMONS | CHICAGO | INITIAL CONCEPT for EAST BUILDINGS | TYPICAL RESIDENTIAL LEVELS (2-4) NORTH BUILDING

CLAYCO | LAMAR JOHNSON COLLABORATIVE 06.22.2021

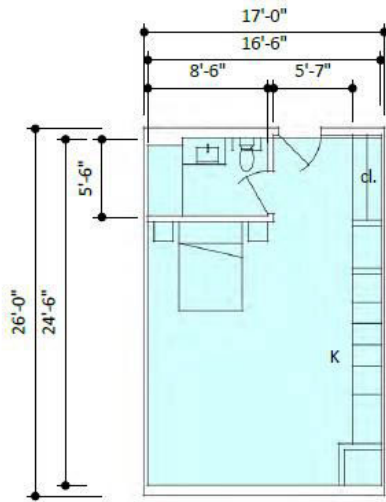




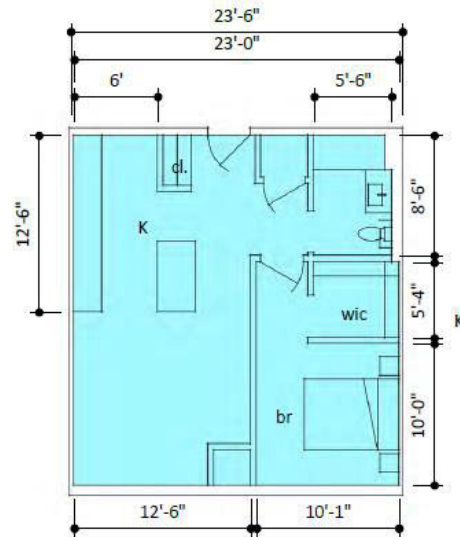
	unit NSF	bdrms per unit	baths per unit	%	QTY	subtotal unit NSF	subtotal bdrms	subtotal baths
studio	440 nsf	1	1	21.4%	9 units	3,960 nsf	9	9
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SUBTOTALS	681 avg. unit NSF			100.0%	42 units	28,605 RSF	57	57



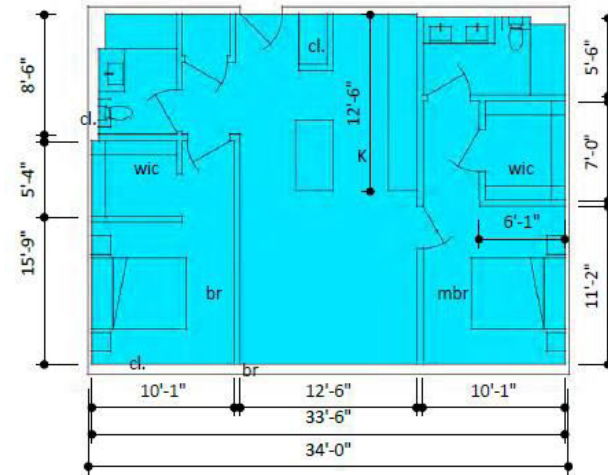
2 BR corner | 950 nsf



STUDIO | 440 nsf



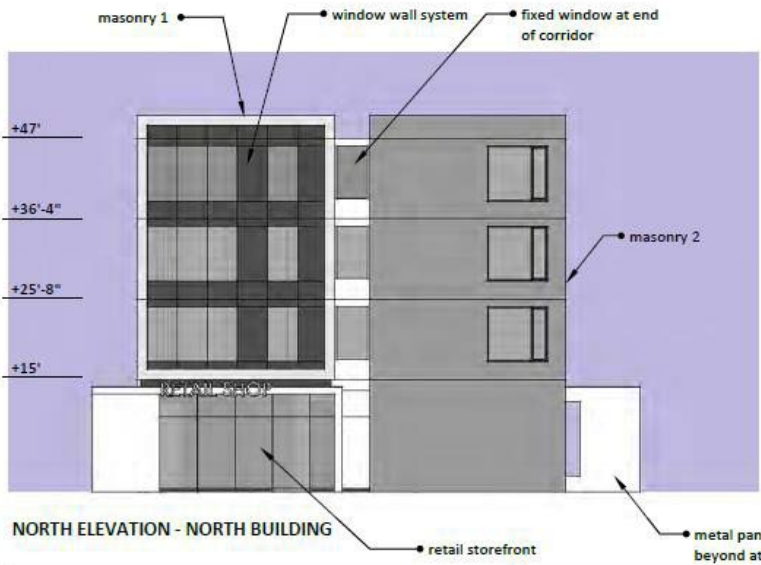
1 BR | 610 nsf



2 BR | 885 nsf

© LAMAR JOHNSON COLLABORATIVE 2021

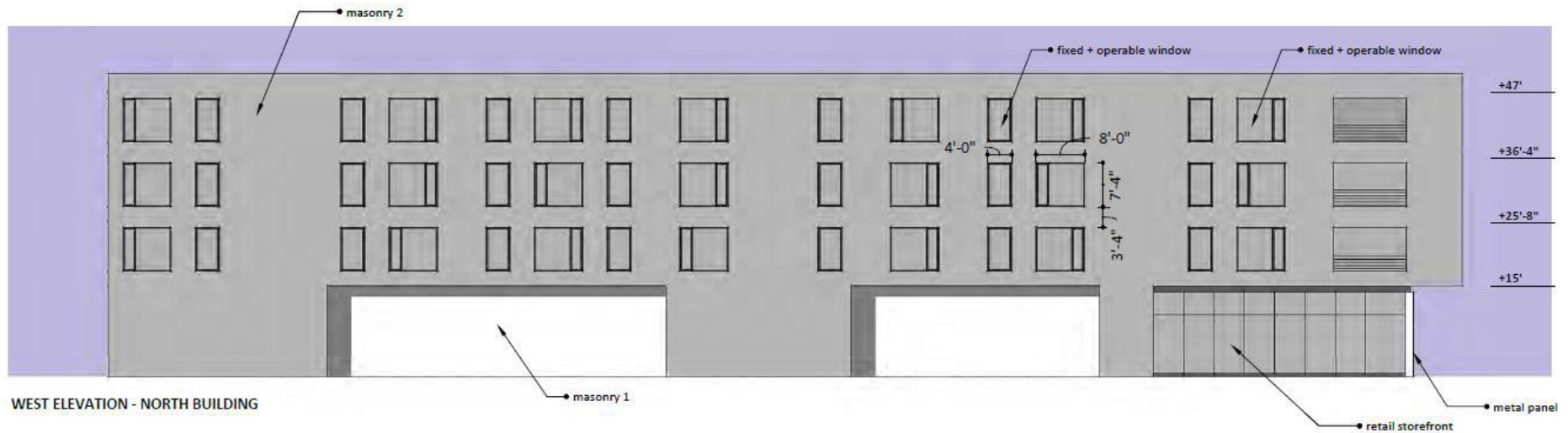
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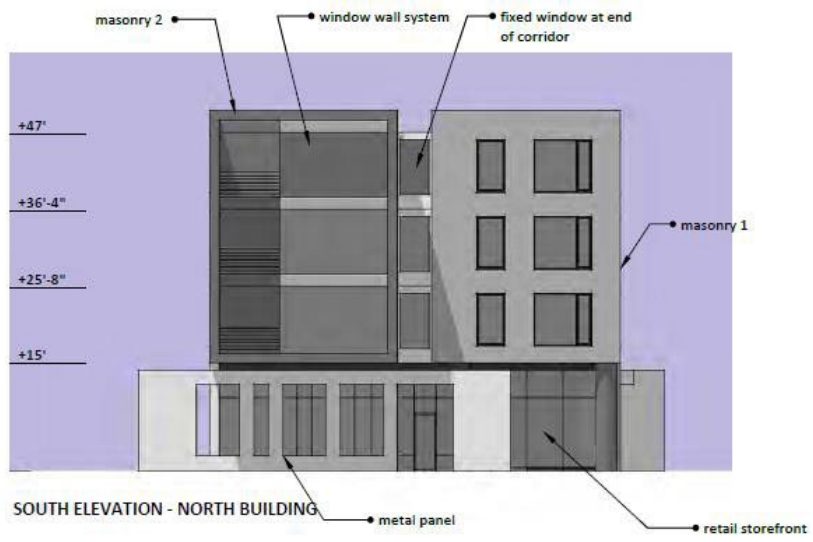
MORGAN PARK COMMONS | CHICAGO | INITIAL CONCEPT for EAST BUILDINGS | ELEVATIONS NORTH BUILDING

© LAMAR JOHNSON COLLABORATIVE 2021 0' 16'

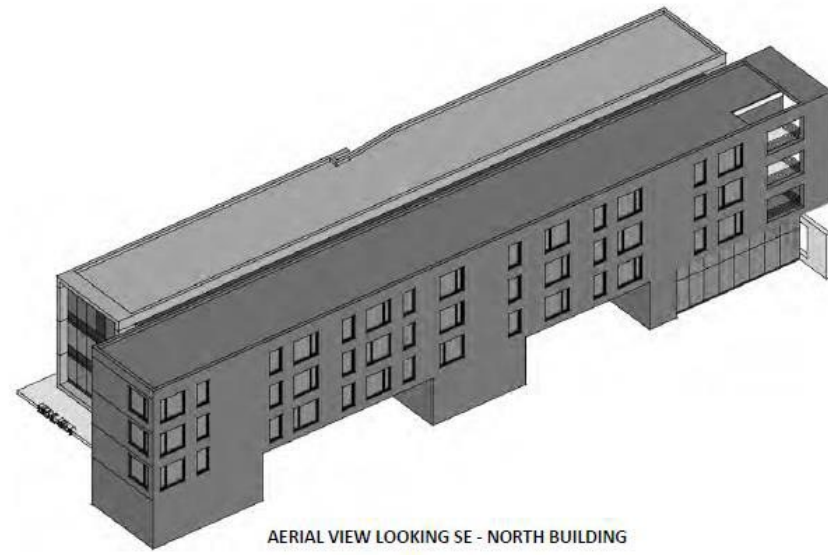
CLAYCO | LAMAR JOHNSON COLLABORATIVE 06.22.2021



WEST ELEVATION - NORTH BUILDING



SOUTH ELEVATION - NORTH BUILDING



AERIAL VIEW LOOKING SE - NORTH BUILDING



RENDERING WITH PEDESTRIAN CONTEXT











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Attorneys: Goldstein & McClintock

November 9, 2022



Lisa Esposito <lisa@a3e.com>

Phase I ESA: Project Questionnaire Result #7950401

1 message

ellyn.gates at cityofchicago.org <noreply@fs28.formsite.com>

Fri, Oct 13, 2023 at 9:59 AM

Reply-To: ellyn.gates@cityofchicago.org

To: Info@a3e.com

Scoring Summary

Item	Score	Max	Explanation
Are you aware of any environmental liens against the property?	0	1	
Are you aware of any Activity Use Liens (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the property?	0	1	
Do you have any specialized knowledge or experience related to the property or nearby properties? (i.e same line of business).	0	1	
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	1	1	
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?	1	1	
Do you know of specific chemicals that are present or once were present at the property?	1	1	
Do you know of spills or other chemicals releases that have taken place or impacted the property?	1	1	
Do you know of any environmental cleanups that have taken place at the property?	0	1	
Based on your knowledge and experience in relation to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?	1	1	
Do you have any other previously prepared environmental documents for the property?	1	1	
Total Score	6	10	

Reference #	7950401
Status	Complete
Scoring	6
First Name	Ellyn

Last Name	Gates
Company Name	City of Chicago AIS
Title with regard to the purchase (Owner, CEO, Etc...)	Agent for purchaser
Phone Number	312-744-7205
Email Address	ellyn.gates@cityofchicago.org
Building Location of Phase 1: Street Address	11414 S Halsted
City	Chicago
State	Illinois
Zip Code	60628
Reason for requesting this Phase I ESA.	I'm buying this property.
Are you aware of any environmental liens against the property?	No
Are you aware of any Activity Use Liens (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the property?	No
Do you have any specialized knowledge or experience related to the property or nearby properties? (i.e same line of business).	No
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	No
If no, please explain:	I don't have knowledge of this.
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?	Yes
If yes, please explain:	Providing reports.
Do you know the past uses of the property?	Yes
If yes, please explain:	Providing reports.
Do you know of specific chemicals that are present or once were present at the property?	Yes
If yes, please explain:	Providing reports.
Do you know of spills or other chemicals releases that have taken place or impacted the property?	Yes
If yes, please explain:	Providing reports.
Do you know of any environmental cleanups that have taken place at the property?	No
Based on your knowledge and experience in relation to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?	Yes
If yes, please explain:	Providing reports.

Do you have any other previously prepared environmental documents for the property?	Yes
If yes, please explain:	Providing reports.
Please indicate if any of the following documents listed below exist and can be provided to A3 Environmental.	
I have a previous Environmental Site Assessment Report.	Yes
I have a Site Plan and/or Survey.	No
I have Title Records.	No
I have Environmental Compliance/Audit Report.	No
I have a registration/inspection report for underground/aboveground storage tank.	No
I have environmental permits (i.e. NPDES, Solid Waste Disposal, Wastewater, etc.)	No
I have Material Data Safety Sheets.	No
I have a Tier II/Community Right-to-Know Plan.	No
I have SPCC Plans, Safety Plans, Facility Response Plans.	No
I have Environmental violation notices.	No
I have hazardous waste generator notice or report.	No
I have a Geotechnical Study.	No
I have Risk Assessments.	No
I have Recorded Activity and Use Limitations (AULs).	No
I have any other reports that might be helpful.	Yes
Please sign to affirm that all the questions are answered to the best of your knowledge. (Click and hold mouse button to sign)	
Last Update	2023-10-13 09:59:57
Start Time	2023-10-13 09:58:25
Finish Time	2023-10-13 09:59:57
IP	167.165.222.53
Browser	Chrome
Device	Desktop
Referrer	https://fs28.formsite.com/BjjwKG/form1/index.html

This email was sent to Info@A3E.com as a result of a form being completed.

[Click here](#) to report unwanted email.





Property Information

Order Number:	23101300130p
Date Completed:	October 14, 2023
Project Number:	2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL 60628
Project Property:	2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL 60628 11414 S Halsted St Chicago IL 60628
Coordinates:	
Latitude:	41.68600554
Longitude:	-87.64316748
UTM Northing:	4615114.54072 Meters
UTM Easting:	446473.21226 Meters
UTM Zone:	UTM Zone 16T
Elevation:	618.45 ft
Slope Direction:	N/A

Topographic Information.....	2
Hydrologic Information.....	4
Geologic Information.....	9
Soil Information.....	11
Wells and Additional Sources.....	16
Summary.....	17
Detail Report.....	20
Radon Information.....	56
Appendix.....	57
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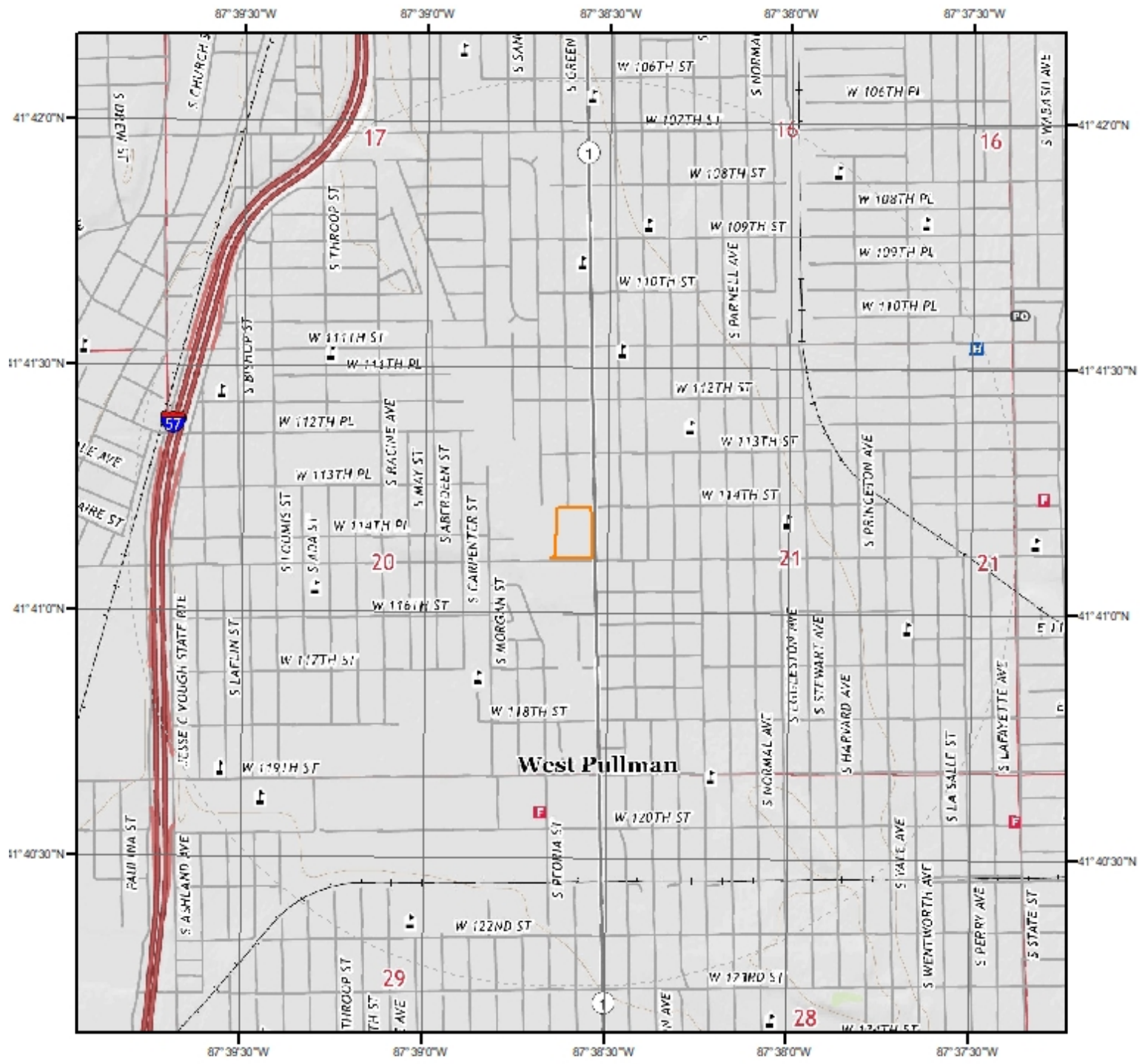
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2021)



Quadrangle(s): Blue Island, IL; Lake Calumet, IL

Source: USGS 7.5 Minute Topographic Map

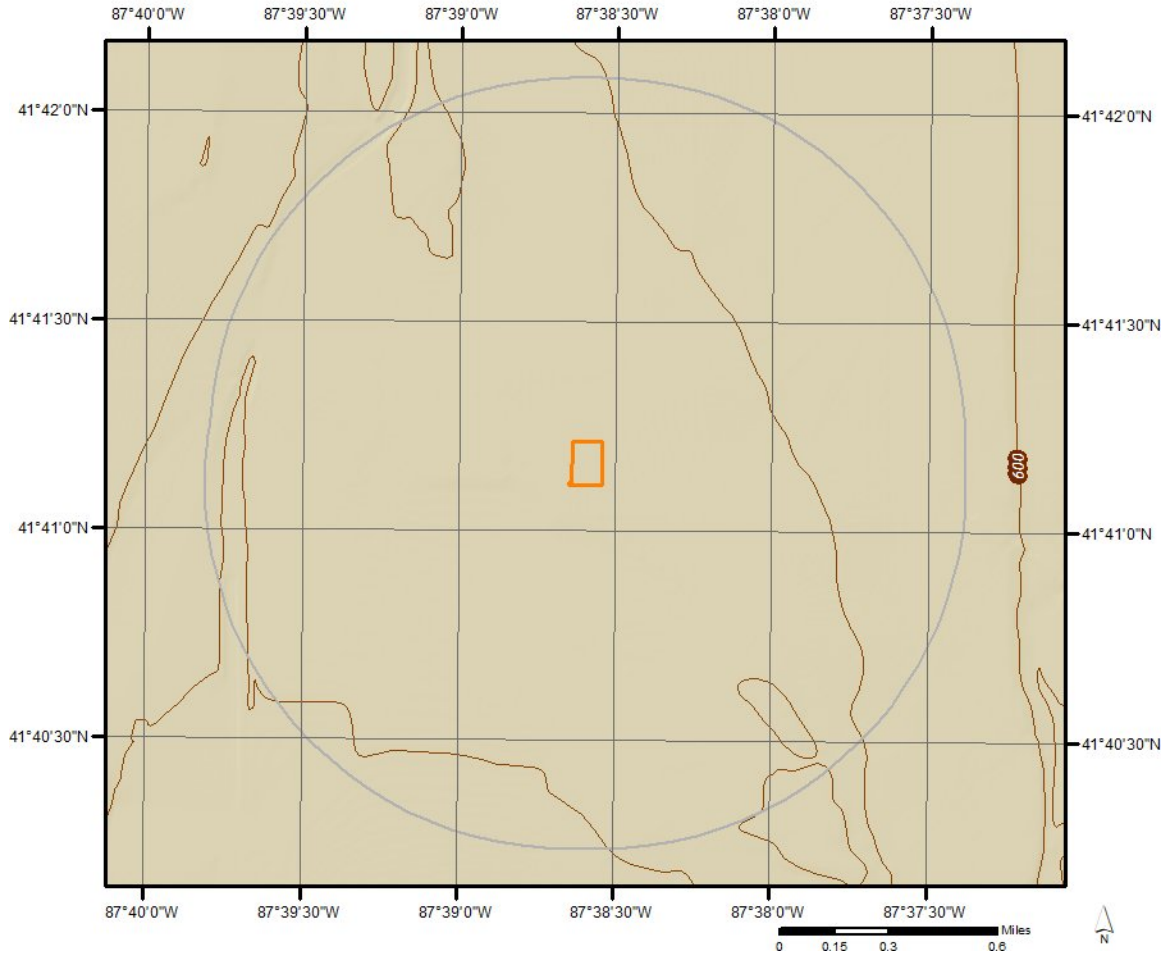


Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 618.45 ft
Slope Direction: N/A

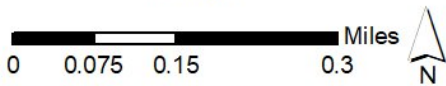


Hydrologic Information




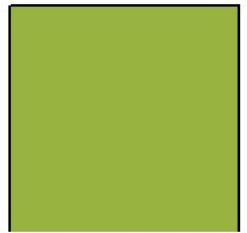
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Wetland

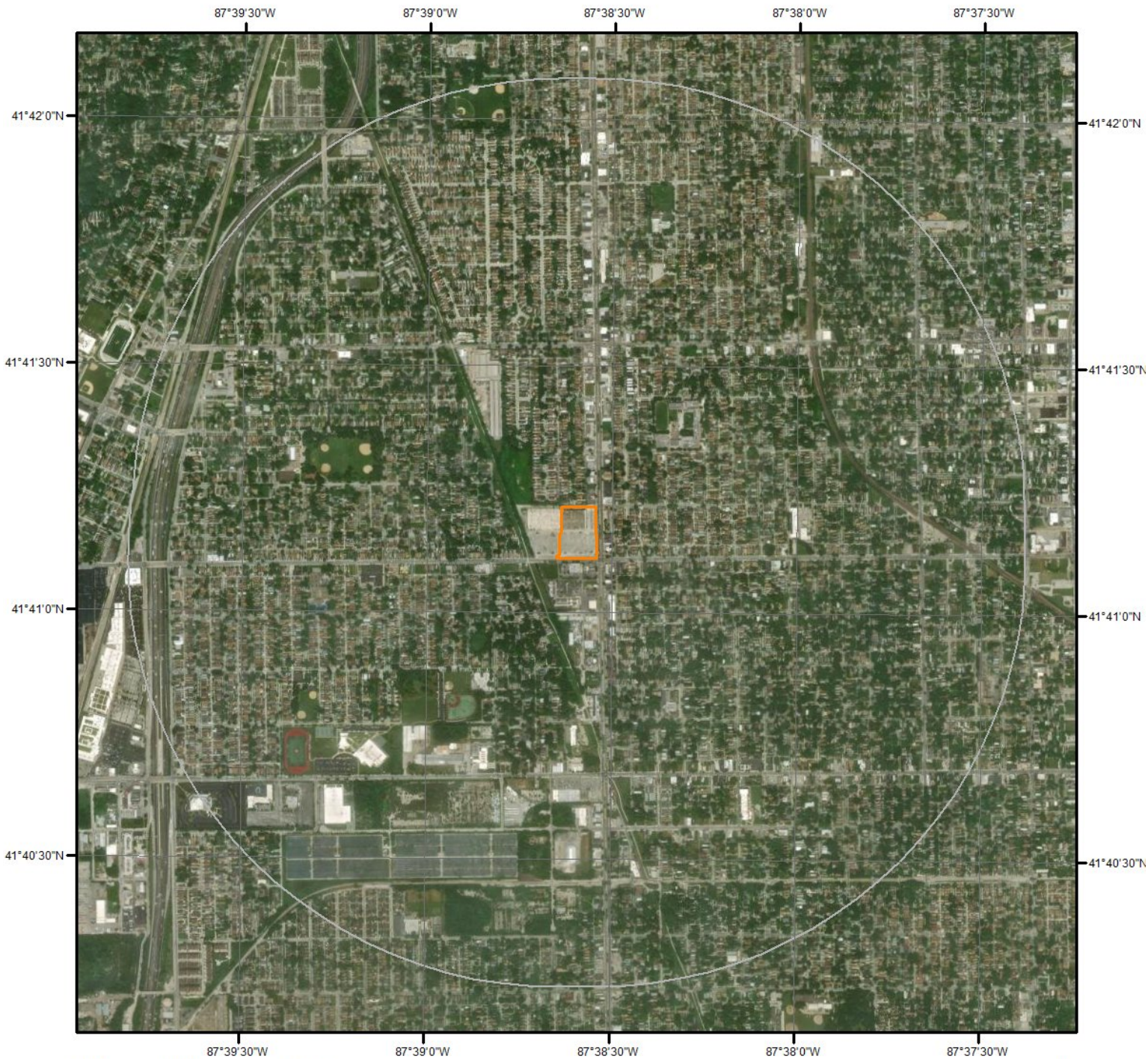


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- | | |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Pond |
|  Estuarine and Marine Wetland |  Lake |
|  Freshwater Emergent Wetland |  Other |
|  Freshwater Forested/Shrub Wetland |  Riverine |



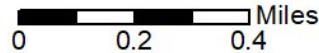
Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlaid. An absent FIRM panel represents no data available.

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water



Quadrangle(s): Blue Island, IL; Lake Calumet, IL



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

No records found for the project property or surrounding properties.

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

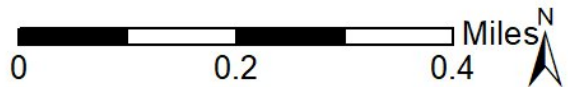
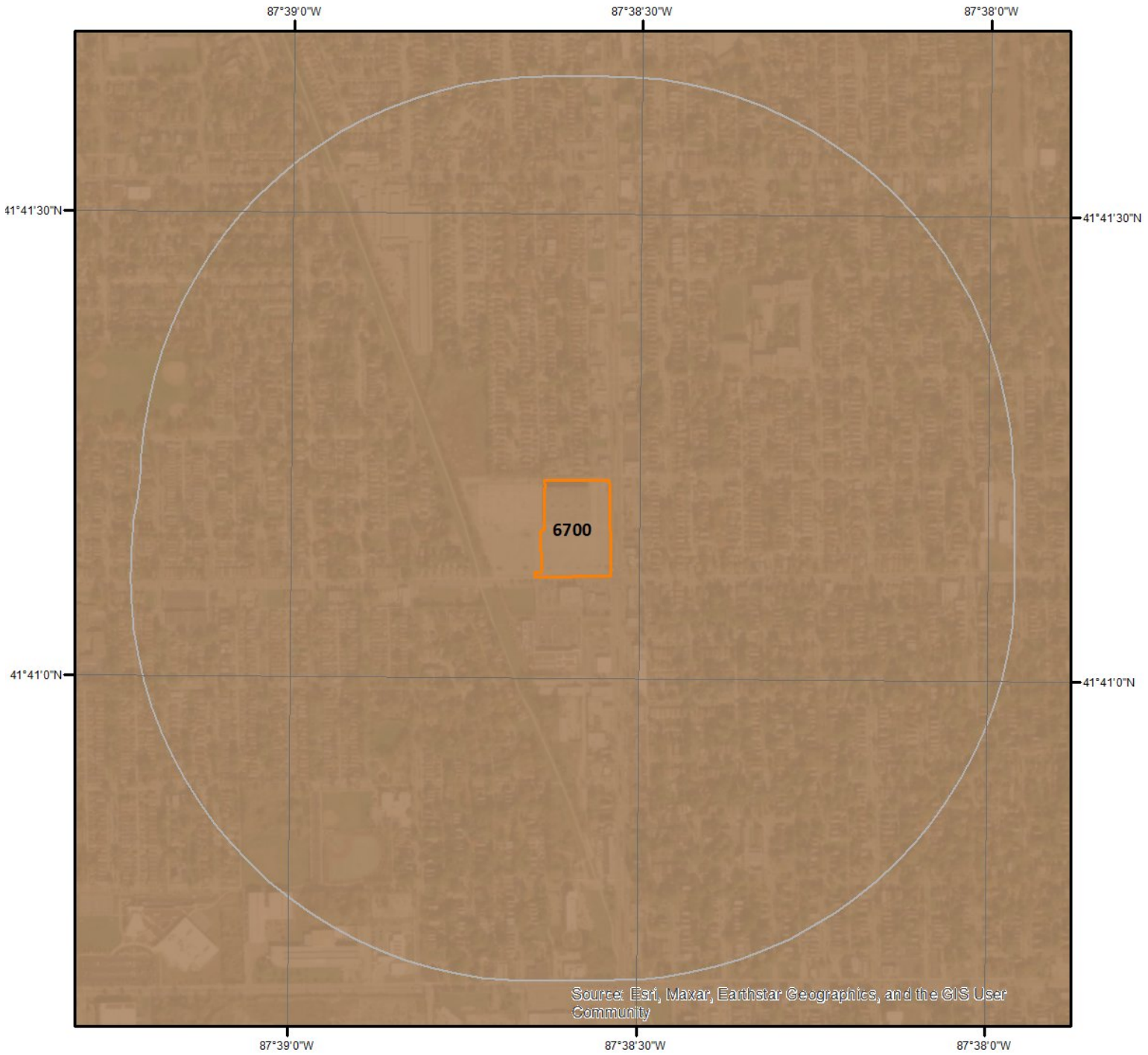
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



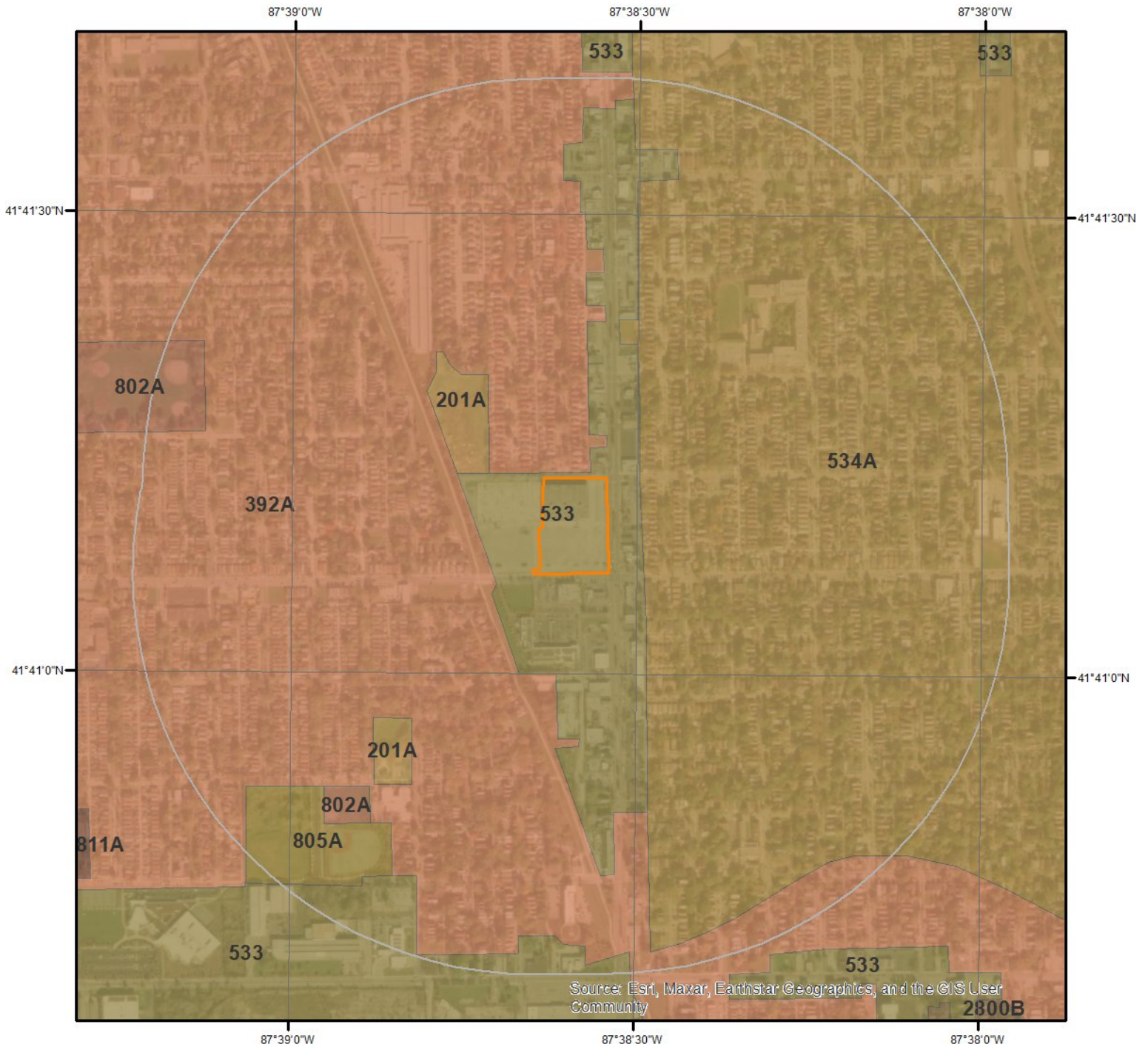
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

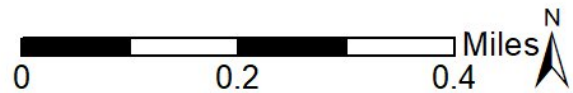
Geologic Unit 6700

Unit Name:	Silurian
Unit Age:	Silurian
Primary Rock Type:	dolostone (dolomite)
Secondary Rock Type:	limestone
Unit Description:	Silurian

Soil Information



SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 201A (0.25%)

Map Unit Name:	Gilford fine sandy loam, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Gilford(90%)	
horizon Ap(0cm to 38cm)	Fine sandy loam
horizon Bg(38cm to 94cm)	Fine sandy loam
horizon BCg(94cm to 122cm)	Loamy sand
horizon Cg(122cm to 152cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 201A - Gilford fine sandy loam, 0 to 2 percent slopes

Component: Gilford (90%)

The Gilford, drained component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on outwash plains on outwash plains. The parent material consists of sandy and loamy outwash. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, May. Organic matter content in the surface horizon is about 4 percent. This component is in the R110XY015IL Wet Sand Prairie ecological site. Nonirrigated land capability classification is 2w. This soil meets hydric criteria.

Component: Orthents, loamy (4%)

Generated brief soil descriptions are created for major soil components. The Orthents, loamy soil is a minor component.

Component: Fieldon (4%)

Generated brief soil descriptions are created for major soil components. The Fieldon, drained soil is a minor component.

Component: Urban land (2%)

Generated brief soil descriptions are created for major soil components. The Urban land soil is a minor component.

Map Unit 392A (42.6%)

Map Unit Name:	Urban land-Orthents, loamy, complex, nearly level
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	130cm
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	null

Major components are printed below

Orthents(20%)	
horizon H1(0cm to 20cm)	Loam
horizon H2(20cm to 152cm)	Clay loam

Component Description:

Soil Information

Minor map unit components are excluded from this report.

Map Unit: 392A - Urban land-Orthents, loamy, complex, nearly level

Component: Urban land (70%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Orthents (20%)

The Orthents, loamy, nearly level component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on leveled land. The parent material consists of Earthy fill. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 51 inches during February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Orthents (5%)

Generated brief soil descriptions are created for major soil components. The Orthents, loamy-skeletal, nearly level soil is a minor component.

Component: Orthents (5%)

Generated brief soil descriptions are created for major soil components. The Orthents, clayey, nearly level soil is a minor component.

Map Unit 533 (8.92%)

Map Unit Name:	Urban land
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	null

Major components are printed below

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 533 - Urban land

Component: Urban land (90%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Orthents (4%)

Generated brief soil descriptions are created for major soil components. The Orthents, clayey, nearly level soil is a minor component.

Component: Orthents (4%)

Generated brief soil descriptions are created for major soil components. The Orthents, loamy, nearly level soil is a minor component.

Component: Orthents (2%)

Generated brief soil descriptions are created for major soil components. The Orthents, loamy-skeletal, nearly level soil is a minor component.

Map Unit 534A (47.37%)

Map Unit Name:	Urban land-Orthents, clayey, complex, nearly level
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	84cm
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	null

Soil Information

Major components are printed below

Orthents(23%)

horizon H1(0cm to 20cm)

Silty clay

horizon H2(20cm to 152cm)

Silty clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 534A - Urban land-Orthents, clayey, complex, nearly level

Component: Urban land (70%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Orthents (23%)

The Orthents, clayey, nearly level component makes up 23 percent of the map unit. Slopes are 0 to 2 percent. This component is on leveled land. The parent material consists of earthy fill. Depth to a root restrictive layer, densic material, is 4 to 12 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 33 inches during February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. This soil does not meet hydric criteria.

Component: Ashkum (3%)

Generated brief soil descriptions are created for major soil components. The Ashkum soil is a minor component.

Component: Aquents (2%)

Generated brief soil descriptions are created for major soil components. The Aquents, clayey soil is a minor component.

Component: Orthents (2%)

Generated brief soil descriptions are created for major soil components. The Orthents, loamy-skeletal, nearly level soil is a minor component.

Map Unit 802A (0.48%)

Map Unit Name:

Orthents, loamy, nearly level

Bedrock Depth - Min:

null

Watertable Depth - Annual Min:

130cm

Drainage Class - Dominant:

Well drained

Hydrologic Group - Dominant:

C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Orthents(90%)

horizon H1(0cm to 20cm)

Loam

horizon H2(20cm to 152cm)

Clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 802A - Orthents, loamy, nearly level

Component: Orthents (90%)

The Orthents, loamy, nearly level component makes up 90 percent of the map unit. Slopes are 0 to 1 percent. This component is on leveled land. The parent material consists of Earthy fill. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 51 inches during February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Urban land (3%)

Generated brief soil descriptions are created for major soil components. The Urban land soil is a minor component.

Soil Information

Component: Orthents (3%)

Generated brief soil descriptions are created for major soil components. The Orthents, clayey, nearly level soil is a minor component.

Component: Orthents (2%)

Generated brief soil descriptions are created for major soil components. The Orthents, loamy-skeletal, nearly level soil is a minor component.

Component: Drummer (1%)

Generated brief soil descriptions are created for major soil components. The Drummer soil is a minor component.

Component: Pella (1%)

Generated brief soil descriptions are created for major soil components. The Pella soil is a minor component.

Map Unit 805A (0.38%)

Map Unit Name:	Orthents, clayey, nearly level
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	84cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Orthents(90%)

horizon H1(0cm to 20cm)	Silty clay
horizon H2(20cm to 152cm)	Silty clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 805A - Orthents, clayey, nearly level

Component: Orthents (90%)

The Orthents, clayey, nearly level component makes up 90 percent of the map unit. Slopes are 0 to 1 percent. This component is on leveled land. The parent material consists of earthy fill. Depth to a root restrictive layer, densic material, is 4 to 12 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 33 inches during February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. This soil does not meet hydric criteria.

Component: Urban land (4%)

Generated brief soil descriptions are created for major soil components. The Urban land soil is a minor component.

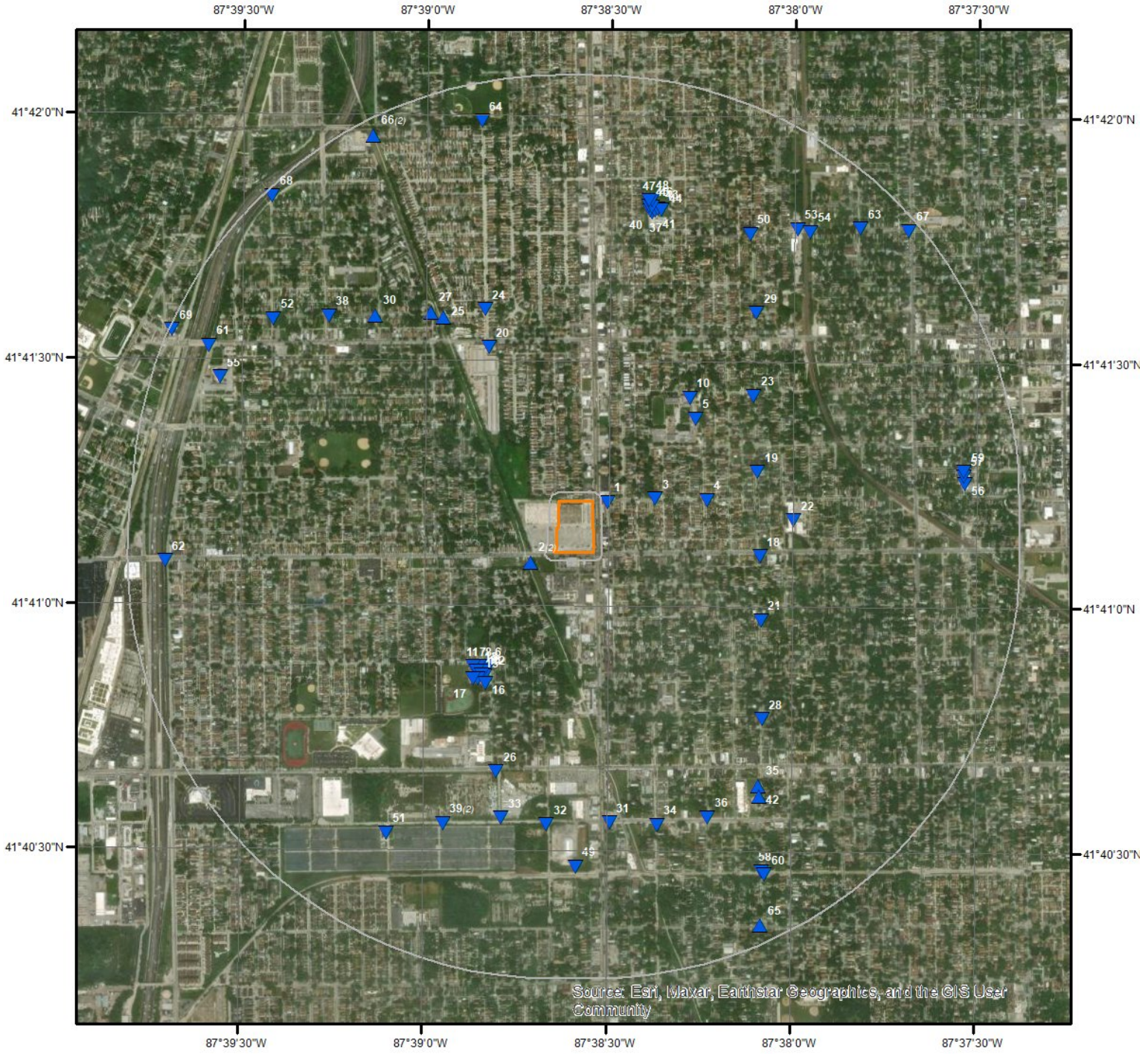
Component: Ashkum (4%)

Generated brief soil descriptions are created for major soil components. The Ashkum soil is a minor component.

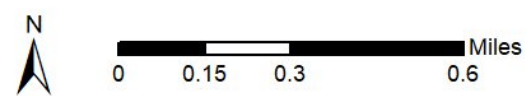
Component: Aquent (2%)

Generated brief soil descriptions are created for major soil components. The Aquent, clayey soil is a minor component.

Wells and Additional Sources



Wells & Additional Sources



- | | |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation | ▲ OGW Sites with Higher Elevation |
| ■ Sites with Same Elevation | ■ OGW Sites with Same Elevation |
| ▼ Sites with Lower Elevation | ▼ OGW Sites with Lower Elevation |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
35	USGS-414038087380501	3545.48	SE
49	USGS-414028087383501	3902.62	S
51	USGS-414032087390601	4051.27	SSW

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells and Borings

Map Key	API No	Distance (ft)	Direction
2	120315180400	305.20	SW
39	120310237000	3628.55	SSW
66	120315180700	5074.82	NNW

Public Water Supply Facilities

Map Key	ID	Distance (ft)	Direction
	No records found		

Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Water Wells

Map Key	API No	Distance (ft)	Direction
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Wells and Additional Sources Summary

1	120312626000	180.53	NE
2	120315180400	305.20	SW
3	120314239800	773.99	ENE
4	120314239700	1409.94	ENE
5	120312669200	1621.35	NE
6	120314065900	1636.41	SSW
7	120314066000	1673.38	SSW
8	120314066600	1696.76	SW
9	120314066100	1703.39	SSW
10	120314067800	1745.94	NE
11	120314066700	1737.70	SW
12	120314066200	1754.58	SSW
13	120314066800	1754.21	SW
14	120314066300	1769.95	SSW
15	120314066400	1826.36	SSW
16	120314066500	1834.37	SSW
17	120314066900	1858.70	SW
18	120314238300	2056.64	E
19	120314238400	2070.97	ENE
20	120314137400	2089.54	NNW
21	120314238200	2239.37	ESE
22	120314887100	2480.48	E
23	120314238500	2374.49	NE
24	120314137300	2533.83	NNW
25	120314137200	2684.04	NNW
26	120314239600	2812.37	SSW
27	120314137100	2820.30	NW
28	120314238100	2944.10	SE
29	120314238600	3079.87	NE
30	120314137000	3231.27	NW
31	120314239400	3365.24	S
32	120314239500	3381.91	S
33	120312626200	3362.46	SSW
34	120314239300	3479.23	SSE
36	120314239200	3582.93	SSE
37	120314065500	3642.65	NNE
38	120314136900	3656.91	NW
39	120310237000	3628.55	SSW
40	120313296600	3662.95	NNE
41	120313296700	3672.97	NNE
42	120314238000	3660.31	SE
43	120313296800	3699.75	NNE
44	120314065800	3698.15	NNE
45	120313296400	3708.56	NNE
46	120314065600	3713.70	NNE
47	120314065700	3784.25	NNE
48	120314065400	3787.23	NNE
50	120314238700	3832.05	NNE
52	120314136800	4192.30	NW
53	120314238800	4213.28	NE
54	120314238900	4276.63	NE
55	120314889300	4466.98	WNW
56	120314571600	4604.25	E
57	120314571800	4599.38	E
58	120314237900	4475.31	SSE
59	120314571700	4611.91	E
60	120314237800	4529.82	SSE
61	120314139200	4738.92	WNW
62	120314138000	4811.48	W
63	120314239000	4723.81	NE
64	120314137500	4794.97	NNW
65	120314237700	5067.52	SSE
66	120315180700	5074.82	NNW
67	120314239100	5142.49	NE
68	120313325500	5182.46	NW

Wells and Additional Sources Summary

69

120310092200

5235.58

WNW

Wells and Additional Sources Detail Report

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SE	0.67	3,545.48	620.22	FED USGS

Site No: USGS-414038087380501
 Site Type: Well
 Formation Type: Sand (Holocene and/or Pleistocene)
 Date Drilled: 19920603
 Well Depth: 18
 Well Depth Unit: ft
 Well Hole Depth: 18
 Well Hole Depth Unit: ft
 Reporting Agency: USGS Illinois Water Science Center
 Station Name: bh23 west pullman school
 Latitude: 41.67725650000000
 Longitude: -87.63476970000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	S	0.74	3,902.62	612.56	FED USGS

Site No: USGS-414028087383501
 Site Type: Atmosphere
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:
 Well Hole Depth Unit:
 Reporting Agency: USGS Illinois Water Science Center
 Station Name: RAIN GAGE AT WEST PULLMAN AT CHICAGO, IL
 Latitude: 41.67444444000000
 Longitude: -87.64305560000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SSW	0.77	4,051.27	610.58	FED USGS

Site No: USGS-414032087390601
 Site Type: Atmosphere
 Formation Type:
 Date Drilled:
 Well Depth:
 Well Depth Unit:
 Well Hole Depth:

Wells and Additional Sources Detail Report

Well Hole Depth Unit:

Reporting Agency: USGS Illinois Water Science Center
 Station Name: RAIN GAGE AT WEST PULLMAN, IL
 Latitude: 41.6755556
 Longitude: -87.6516667

Oil and Gas Wells and Borings

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SW	0.06	305.20	619.77	OGW

API No: 120315180400 Core Analysis: NO
 Comp Date: 1623128400000 Core Available: NO
 Company Name: IL State Geological Survey Samples Available: NO
 Farm Name: Major Taylor Blke Trail & 115th Location: 20-37N-14E
 Farm No: BLI-P26CPT Elev Ref: Ground level
 Permit No: Elevation (ft): 621
 Permit Date: Total Depth (ft): 47
 Digitized Log Avail: NO Latitude: 41.684798
 Scanned Log Avail: NO Longitude: -87.64517
 TD Formation: X: -87.64516439599998
 TD Formation Desc: Y: 41.68479017200008
 Status: STRAT
 Status Text: Stratigraphic Test
 Logs Available:
 ILSTRAT:
 Data Summary Sheet: <https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&120315180400>
 Source: ILOIL/Wells (Mapper)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SSW	0.69	3,628.55	610.91	OGW

API No: 120310237000 Core Analysis: NO
 Comp Date: -2429805600000 Core Available: NO
 Company Name: Miller, J.P. Co. Samples Available: NO
 Farm Name: Whitman & Barnes Location: 29-37N-14E
 Farm No: Elev Ref: Topographic map
 Permit No: Elevation (ft): 611
 Permit Date: Total Depth (ft): 1308
 Digitized Log Avail: NO Latitude: 41.675894
 Scanned Log Avail: NO Longitude: -87.649079
 TD Formation: X: -87.64907339599995
 TD Formation Desc: Y: 41.67588617400003
 Status: STRAT
 Status Text: Stratigraphic Test
 Logs Available: DL
 ILSTRAT:

Wells and Additional Sources Detail Report

Data Summary Sheet: <https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&120310237000>
 Source: ILOIL/Wells (Mapper)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	NNW	0.96	5,074.82	623.38	OGW

API No:	120315180700	Core Analysis:	NO
Comp Date:	1623214800000	Core Available:	NO
Company Name:	IL State Geological Survey	Samples Available:	NO
Farm Name:	Major Taylor Bike Trail & 107th	Location:	17-37N-14E
Farm No:	BLI-P29CPT	Elev Ref:	Ground level
Permit No:		Elevation (ft):	623
Permit Date:		Total Depth (ft):	46
Digitized Log Avail:	NO	Latitude:	41.699269
Scanned Log Avail:	NO	Longitude:	-87.652435
TD Formation:		X:	-87.65242939299998
TD Formation Desc:		Y:	41.69926117000006
Status:	STRAT		
Status Text:	Stratigraphic Test		
Logs Available:			
ILSTRAT:			
Data Summary Sheet:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&120315180700		
Source:	ILOIL/Wells (Mapper)		

Water Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	NE	0.03	180.53	617.62	WATER WELLS

API No:	120312626000	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-9
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	9NO-9	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Pub. Works Dept.	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	616	Range Dir:	
Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO
Total Depth:	61	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.686851
Form Top:	0	Longitude:	-87.641724
Form Bottom:	0		
PDF URL:			

Wells and Additional Sources Detail Report

Data Summary: <https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120312626000>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SW	0.06	305.20	619.77	WATER WELLS

API No:	120315180400	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	STRAT	Two Mile F:	
Status Text:		Farm Name:	BLI-P26CPT
Status Long:	Stratigraphic Test	Location:	20-37N-14E
Well:	BLI-P26CPT	Section No:	
Owner:	Major Taylor Blke Trail & 115th	Township:	
Driller:	IL State Geological Survey	Township Dir:	
Date Drilled:	6/8/2021	Range:	
Elevation:	621	Range Dir:	
Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO
Total Depth:	47	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.684798
Form Top:		Longitude:	-87.64517
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120315180400		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ENE	0.15	773.99	616.51	WATER WELLS

API No:	120314239800	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-8
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	9NO-8	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	615	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.686972
Form Top:		Longitude:	-87.63955399999999
Form Bottom:			
PDF URL:			

Wells and Additional Sources Detail Report

Data Summary: <https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314239800>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	ENE	0.27	1,409.94	614.99	WATER WELLS

API No:	120314239700	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-7
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	9NO-7	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	615	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.686938999999995
Form Top:		Longitude:	-87.637222999999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314239700		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NE	0.31	1,621.35	614.85	WATER WELLS

API No:	120312669200	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	B-B
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	B-B	Section No:	
Owner:	Fenger High School	Township:	
Driller:		Township Dir:	
Date Drilled:	1/1/1925	Range:	
Elevation:	0	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	9	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.689695
Form Top:	0	Longitude:	-87.637768
Form Bottom:	0		
PDF URL:			

Wells and Additional Sources Detail Report

Data Summary: <https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120312669200>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SSW	0.31	1,636.41	613.53	WATER WELLS

API No:	120314065900	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	1
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	1	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/22/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.681228
Form Top:		Longitude:	-87.647086
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314065900		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SSW	0.32	1,673.38	613.53	WATER WELLS

API No:	120314066000	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	2	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/23/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.681225
Form Top:		Longitude:	-87.647347
Form Bottom:			

Wells and Additional Sources Detail Report

PDF URL:

Data Summary: <https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314066000>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SW	0.32	1,696.76	613.53	WATER WELLS

API No:	120314066600	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	8
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	8	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/26/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.681221
Form Top:		Longitude:	-87.64750000000001
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314066600		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SSW	0.32	1,703.39	613.53	WATER WELLS

API No:	120314066100	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	3
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	3	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/23/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.681070999999996
Form Top:		Longitude:	-87.64721399999999

Wells and Additional Sources Detail Report

Form Bottom:

PDF URL:

Data Summary: <https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314066100>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NE	0.33	1,745.94	614.44	WATER WELLS

API No:	120314067800	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	B-A
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	B-A	Section No:	
Owner:	Fenger School	Township:	
Driller:		Township Dir:	
Date Drilled:	1/1/1925	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	10	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.690405999999996
Form Top:		Longitude:	-87.63803
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314067800		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SW	0.33	1,737.70	613.51	WATER WELLS

API No:	120314066700	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	9	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/29/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.681217

Wells and Additional Sources Detail Report

Form Top: Longitude: -87.647763
 Form Bottom:
 PDF URL:
 Data Summary: <https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314066700>

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SSW	0.33	1,754.58	613.53	WATER WELLS

API No:	120314066200	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	4
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	4	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/24/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.680917
Form Top:		Longitude:	-87.64723
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314066200		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	SW	0.33	1,754.21	613.53	WATER WELLS

API No:	120314066800	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	10
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	10	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/26/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO

Wells and Additional Sources Detail Report

W Formation:	Latitude:	41.681067999999996
Form Top:	Longitude:	-87.647571
Form Bottom:		
PDF URL:		
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314066800	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SSW	0.34	1,769.95	613.53	WATER WELLS

API No:	120314066300	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	5
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	5	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/24/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.680932
Form Top:		Longitude:	-87.647381
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314066300		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	SSW	0.35	1,826.36	613.38	WATER WELLS

API No:	120314066400	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	6
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	6	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/25/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO

Wells and Additional Sources Detail Report

Formation:	Flag Samples:	NO
W Formation:	Latitude:	41.680816
Form Top:	Longitude:	-87.647526
Form Bottom:		
PDF URL:		
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314066400	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SSW	0.35	1,834.37	613.53	WATER WELLS

API No:	120314066500	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	7	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/29/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.680661
Form Top:		Longitude:	-87.64720899999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314066500		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SW	0.35	1,858.70	613.21	WATER WELLS

API No:	120314066900	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	11
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	11	Section No:	
Owner:	Proposed School-117th & Morgan Sts.	Township:	
Driller:	KOF Foundation Test Borings Inc.	Township Dir:	
Date Drilled:	6/27/1964	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.680808
Form Top:		Longitude:	-87.64773799999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314066900		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	E	0.39	2,056.64	613.49	WATER WELLS

API No:	120314238300	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-11
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	7NO-11	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	613	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	48	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.685023
Form Top:		Longitude:	-87.634801
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238300		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	ENE	0.39	2,070.97	612.19	WATER WELLS

API No:	120314238400	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-12
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	7NO-12	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	612	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	45	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.6879
Form Top:		Longitude:	-87.63492099999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238400		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	NNW	0.40	2,089.54	618.44	WATER WELLS

API No:	120314137400	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2-B7
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	2-B7	Section No:	
Owner:	Beverly-Calumet Sewer Project	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	9/28/1949	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	39	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.692083
Form Top:		Longitude:	-87.647156
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314137400		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	ESE	0.42	2,239.37	614.85	WATER WELLS

API No:	120314238200	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-10
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	7NO-10	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	614	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	48	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.68286
Form Top:		Longitude:	-87.63472999999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238200		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	E	0.47	2,480.48	611.23	WATER WELLS

API No:	120314887100	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	B-1
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	B-1	Section No:	
Owner:	Brennan, Thomas School	Township:	
Driller:	IL Department of Transportation	Township Dir:	
Date Drilled:		Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	9	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.686259
Form Top:		Longitude:	-87.633279
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314887100		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NE	0.45	2,374.49	610.57	WATER WELLS

API No:	120314238500	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-13
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	7NO-13	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	610	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	43	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.690491
Form Top:		Longitude:	-87.635131
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238500		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	NNW	0.48	2,533.83	617.82	WATER WELLS

API No:	120314137300	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2-B6
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	2-B6	Section No:	
Owner:	Beverly-Calumet Sewer Project	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	9/28/1949	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	39	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.693356
Form Top:		Longitude:	-87.647322
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314137300		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NNW	0.51	2,684.04	619.56	WATER WELLS

API No:	120314137200	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2-B5
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	2-B5	Section No:	
Owner:	Beverly-Calumet Sewer Project	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	9/28/1949	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	42	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.693106
Form Top:		Longitude:	-87.64918999999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314137200		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSW	0.53	2,812.37	612.88	WATER WELLS

API No:	120314239600	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-6
Status Long:	Engineering Test	Location:	29-37N-14E
Well:	9NO-6	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	614	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	25	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.677662
Form Top:		Longitude:	-87.646686
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314239600		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	NW	0.53	2,820.30	619.77	WATER WELLS

API No:	120314137100	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2-B4
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	2-B4	Section No:	
Owner:	Beverly-Calumet Sewer Project	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	9/28/1949	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	40	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.693272
Form Top:		Longitude:	-87.649761
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314137100		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SE	0.56	2,944.10	617.32	WATER WELLS

API No:	120314238100	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-9
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	7NO-9	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	615	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	50	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.679497
Form Top:		Longitude:	-87.63465
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238100		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	NE	0.58	3,079.87	607.46	WATER WELLS

API No:	120314238600	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-14
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	7NO-14	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	607	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	40	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.693309
Form Top:		Longitude:	-87.63503299999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238600		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	NW	0.61	3,231.27	619.23	WATER WELLS

API No:	120314137000	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2-B3
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	2-B3	Section No:	
Owner:	Beverly-Calumet Sewer Project	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	9/28/1949	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	41	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.693165
Form Top:		Longitude:	-87.652283
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314137000		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	S	0.64	3,365.24	614.27	WATER WELLS

API No:	120314239400	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-3
Status Long:	Engineering Test	Location:	28-37N-14E
Well:	9NO-3	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	613	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.67595
Form Top:		Longitude:	-87.64153499999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314239400		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	S	0.64	3,381.91	612.55	WATER WELLS

API No:	120314239500	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-4
Status Long:	Engineering Test	Location:	29-37N-14E
Well:	9NO-4	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	613	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	28	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.675863
Form Top:		Longitude:	-87.644391
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314239500		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSW	0.64	3,362.46	611.91	WATER WELLS

API No:	120312626200	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-5
Status Long:	Engineering Test	Location:	29-37N-14E
Well:	9NO-5	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:		Township Dir:	
Date Drilled:	6/1/1968	Range:	
Elevation:	613	Range Dir:	
Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	65	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.676077
Form Top:	0	Longitude:	-87.646452
Form Bottom:	0		
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120312626200		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	SSE	0.66	3,479.23	614.52	WATER WELLS

API No:	120314239300	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-2
Status Long:	Engineering Test	Location:	28-37N-14E
Well:	9NO-2	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	613	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	33	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.675875999999995
Form Top:		Longitude:	-87.639388
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314239300		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SSE	0.68	3,582.93	614.52	WATER WELLS

API No:	120314239200	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	9NO-1
Status Long:	Engineering Test	Location:	28-37N-14E
Well:	9NO-1	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	6/1/1969	Range:	
Elevation:	613	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	94	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.676154
Form Top:		Longitude:	-87.63708299999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314239200		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	NNE	0.69	3,642.65	609.27	WATER WELLS

API No:	120314065500	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	4
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	4	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:	Testing Service Corporation	Township Dir:	
Date Drilled:	9/12/1974	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	20	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696704
Form Top:		Longitude:	-87.63977299999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314065500		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NW	0.69	3,656.91	618.12	WATER WELLS

API No:	120314136900	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2-B2
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	2-B2	Section No:	
Owner:	Beverly-Calumet Sewer Project	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	9/28/1949	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	42	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.693118
Form Top:		Longitude:	-87.65442499999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314136900		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SSW	0.69	3,628.55	610.91	WATER WELLS

API No:	120310237000	Pump GPM:	0
ISWSP No:	28419	Rate GPM:	
Status:	STRAT	Two Mile F:	
Status Text:		Farm Name:	
Status Long:	Stratigraphic Test	Location:	29-37N-14E
Well:		Section No:	
Owner:	Whitman & Barnes	Township:	
Driller:	Miller, J.P. Co.	Township Dir:	
Date Drilled:	1/1/1893	Range:	
Elevation:	611	Range Dir:	
Elevation Ref:	TM	Flag Las:	NO
Elevation Ref Long:	Topographic map	Flag Log:	NO
Total Depth:	1308	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.675894
Form Top:	0	Longitude:	-87.649079
Form Bottom:	0		
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120310237000		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.69	3,662.95	609.24	WATER WELLS

API No:	120313296600	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	3
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	3	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:		Township Dir:	
Date Drilled:	9/13/1974	Range:	
Elevation:	0	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	20	Flag Core:	YES
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696777999999995
Form Top:	0	Longitude:	-87.63989099999999
Form Bottom:	0		
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120313296600		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	NNE	0.70	3,672.97	609.30	WATER WELLS

API No:	120313296700	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	8
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	8	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:		Township Dir:	
Date Drilled:	9/12/1974	Range:	
Elevation:	0	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	55	Flag Core:	YES
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.69677
Form Top:	0	Longitude:	-87.63964899999999
Form Bottom:	0		
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120313296700		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	SE	0.69	3,660.31	620.63	WATER WELLS

API No:	120314238000	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-8
Status Long:	Engineering Test	Location:	28-37N-14E
Well:	7NO-8	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	618	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	55	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.676885
Form Top:		Longitude:	-87.634744
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238000		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	NNE	0.70	3,699.75	608.99	WATER WELLS

API No:	120313296800	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	10
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	10	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:		Township Dir:	
Date Drilled:	9/13/1974	Range:	
Elevation:	0	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	20	Flag Core:	YES
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696824
Form Top:	0	Longitude:	-87.639516
Form Bottom:	0		
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120313296800		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	NNE	0.70	3,698.15	608.95	WATER WELLS

API No:	120314065800	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	12
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	12	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:	Testing Service Corporation	Township Dir:	
Date Drilled:	9/12/1974	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	20	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696791
Form Top:		Longitude:	-87.63934599999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314065800		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	NNE	0.70	3,708.56	609.27	WATER WELLS

API No:	120313296400	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	2	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:		Township Dir:	
Date Drilled:	9/13/1974	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	20	Flag Core:	YES
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696909999999995
Form Top:	0	Longitude:	-87.639924
Form Bottom:	0		
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120313296400		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	NNE	0.70	3,713.70	609.28	WATER WELLS

API No:	120314065600	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	5
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	5	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:	Testing Service Corporation	Township Dir:	
Date Drilled:	9/12/1974	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	20	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696903999999996
Form Top:		Longitude:	-87.639781
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314065600		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	NNE	0.72	3,784.25	609.19	WATER WELLS

API No:	120314065700	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	6
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	6	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:	Testing Service Corporation	Township Dir:	
Date Drilled:	9/13/1974	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	20	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.697102
Form Top:		Longitude:	-87.639786
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314065700		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	NNE	0.72	3,787.23	609.25	WATER WELLS

API No:	120314065400	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	1
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	1	Section No:	
Owner:	Dunne School Proposed Addition	Township:	
Driller:	Testing Service Corporation	Township Dir:	
Date Drilled:	9/12/1974	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	20	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.697131
Form Top:		Longitude:	-87.639935
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314065400		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	NNE	0.73	3,832.05	605.01	WATER WELLS

API No:	120314238700	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-15
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	7NO-15	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	605	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	38	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.695989999999995
Form Top:		Longitude:	-87.63532699999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238700		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	NW	0.79	4,192.30	616.51	WATER WELLS

API No:	120314136800	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2-B1
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	2-B1	Section No:	
Owner:	Beverly-Calumet Sewer Project	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	9/28/1949	Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	41	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.692999
Form Top:		Longitude:	-87.65693499999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314136800		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	NE	0.80	4,213.28	604.68	WATER WELLS

API No:	120314238800	Pump GPM:	NO
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-16
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	7NO-16	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	603	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	33	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696169
Form Top:		Longitude:	-87.63315999999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238800		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	NE	0.81	4,276.63	604.68	WATER WELLS

API No:	120314238900	Pump GPM:	NO
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-17
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	7NO-17	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	603	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	33	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696062
Form Top:		Longitude:	-87.63259599999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314238900		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	WNW	0.85	4,466.98	615.17	WATER WELLS

API No:	120314889300	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	B-1
Status Long:	Engineering Test	Location:	20-37N-14E
Well:	B-1	Section No:	
Owner:	Shoop School	Township:	
Driller:		Township Dir:	
Date Drilled:		Range:	
Elevation:		Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	4	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.691010999999996
Form Top:		Longitude:	-87.659334
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314889300		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	E	0.87	4,604.25	605.47	WATER WELLS

API No:	120314571600	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	1
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	1	Section No:	
Owner:	Illinois Bell Telephone Company	Township:	
Driller:		Township Dir:	
Date Drilled:	9/1/1936	Range:	
Elevation:		Range Dir:	
Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	18	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.687537
Form Top:		Longitude:	-87.625546
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314571600		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	E	0.87	4,599.38	605.43	WATER WELLS

API No:	120314571800	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	3
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	3	Section No:	
Owner:	Illinois Bell Telephone Company	Township:	
Driller:		Township Dir:	
Date Drilled:	9/1/1936	Range:	
Elevation:		Range Dir:	
Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO
Total Depth:	16	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.687796999999996
Form Top:		Longitude:	-87.625585
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314571800		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	SSE	0.85	4,475.31	618.05	WATER WELLS

API No:	120314237900	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-7
Status Long:	Engineering Test	Location:	28-37N-14E
Well:	7NO-7	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	616	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO

Wells and Additional Sources Detail Report

Total Depth:	53	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.674318
Form Top:		Longitude:	-87.63464499999999
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314237900		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	E	0.87	4,611.91	605.40	WATER WELLS

API No:	120314571700	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	2
Status Long:	Engineering Test	Location:	21-37N-14E
Well:	2	Section No:	
Owner:	Illinois Bell Telephone Company	Township:	
Driller:		Township Dir:	
Date Drilled:	9/1/1936	Range:	
Elevation:		Range Dir:	
Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO
Total Depth:	15	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.687943
Form Top:		Longitude:	-87.625554
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&120314571700		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSE	0.86	4,529.82	618.33	WATER WELLS

API No:	120314237800	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-6
Status Long:	Engineering Test	Location:	28-37N-14E
Well:	7NO-6	Section No:	
Owner:	Normal Ave. Sewer System Contract 2	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	616	Range Dir:	
Elevation Ref:		Flag Las:	NO

Wells and Additional Sources Detail Report

Elevation Ref Long:	Flag Log: NO
Total Depth: 53	Flag Core: NO
Formation:	Flag Samples: NO
W Formation:	Latitude: 41.674206
Form Top:	Longitude: -87.634501
Form Bottom:	
PDF URL:	
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314237800

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	WNW	0.90	4,738.92	614.80	WATER WELLS

API No: 120314139200	Pump GPM:
ISWSP No:	Rate GPM:
Status: ENG	Two Mile F:
Status Text:	Farm Name: 2-B29
Status Long: Engineering Test	Location: 20-37N-14E
Well: 2-B29	Section No:
Owner: Beverly-Calumet Sewer Project	Township:
Driller: Chicago Dept. of Public Works	Township Dir:
Date Drilled: 9/28/1949	Range:
Elevation:	Range Dir:
Elevation Ref:	Flag Las: NO
Elevation Ref Long:	Flag Log: NO
Total Depth: 31	Flag Core: NO
Formation:	Flag Samples: NO
W Formation:	Latitude: 41.692083
Form Top:	Longitude: -87.659838
Form Bottom:	
PDF URL:	
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314139200

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	W	0.91	4,811.48	609.66	WATER WELLS

API No: 120314138000	Pump GPM:
ISWSP No:	Rate GPM:
Status: ENG	Two Mile F:
Status Text:	Farm Name: 2-B16
Status Long: Engineering Test	Location: 19-37N-14E
Well: 2-B16	Section No:
Owner: Beverly-Calumet Sewer Project	Township:
Driller: Chicago Dept. of Public Works	Township Dir:
Date Drilled: 9/28/1949	Range:
Elevation:	Range Dir:
Elevation Ref:	Flag Las: NO

Wells and Additional Sources Detail Report

Elevation Ref Long:	Flag Log: NO
Total Depth: 23	Flag Core: NO
Formation:	Flag Samples: NO
W Formation:	Latitude: 41.684754
Form Top:	Longitude: -87.661766
Form Bottom:	
PDF URL:	
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314138000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.89	4,723.81	604.35	WATER WELLS

API No: 120314239000	Pump GPM:
ISWSP No:	Rate GPM:
Status: ENG	Two Mile F:
Status Text:	Farm Name: 7NO-18
Status Long: Engineering Test	Location: 16-37N-14E
Well: 7NO-18	Section No:
Owner: Normal Ave. Sewer System	Township:
Driller: Chicago Dept. of Public Works	Township Dir:
Date Drilled: 11/1/1966	Range:
Elevation: 603	Range Dir:
Elevation Ref:	Flag Las: NO
Elevation Ref Long:	Flag Log: NO
Total Depth: 30	Flag Core: NO
Formation:	Flag Samples: NO
W Formation:	Latitude: 41.696189
Form Top:	Longitude: -87.63031699999999
Form Bottom:	
PDF URL:	
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314239000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	NNW	0.91	4,794.97	613.88	WATER WELLS

API No: 120314137500	Pump GPM:
ISWSP No:	Rate GPM:
Status: ENG	Two Mile F:
Status Text:	Farm Name: 2-B11
Status Long: Engineering Test	Location: 17-37N-14E
Well: 2-B11	Section No:
Owner: Beverly-Calumet Sewer Project	Township:
Driller: Chicago Dept. of Public Works	Township Dir:
Date Drilled: 9/28/1949	Range:
Elevation:	Range Dir:
Elevation Ref:	Flag Las: NO

Wells and Additional Sources Detail Report

Elevation Ref Long:	Flag Log: NO
Total Depth: 35	Flag Core: NO
Formation:	Flag Samples: NO
W Formation:	Latitude: 41.699768
Form Top:	Longitude: -87.64751299999999
Form Bottom:	
PDF URL:	
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314137500

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	SSE	0.96	5,067.52	618.76	WATER WELLS

API No: 120314237700	Pump GPM:
ISWSP No:	Rate GPM:
Status: ENG	Two Mile F:
Status Text:	Farm Name: 7NO-5
Status Long: Engineering Test	Location: 28-37N-14E
Well: 7NO-5	Section No:
Owner: Normal Ave. Sewer System Contract 2	Township:
Driller: Chicago Dept. of Public Works	Township Dir:
Date Drilled: 11/1/1966	Range:
Elevation: 617	Range Dir:
Elevation Ref:	Flag Las: NO
Elevation Ref Long:	Flag Log: NO
Total Depth: 53	Flag Core: NO
Formation:	Flag Samples: NO
W Formation:	Latitude: 41.672505
Form Top:	Longitude: -87.63465
Form Bottom:	
PDF URL:	
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314237700

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	NNW	0.96	5,074.82	623.38	WATER WELLS

API No: 120315180700	Pump GPM:
ISWSP No:	Rate GPM:
Status: STRAT	Two Mile F:
Status Text:	Farm Name: BLI-P29CPT
Status Long: Stratigraphic Test	Location: 17-37N-14E
Well: BLI-P29CPT	Section No:
Owner: Major Taylor Bike Trail & 107th	Township:
Driller: IL State Geological Survey	Township Dir:
Date Drilled: 6/9/2021	Range:
Elevation: 623	Range Dir:

Wells and Additional Sources Detail Report

Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO
Total Depth:	46	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.699269
Form Top:		Longitude:	-87.652435
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120315180700		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NE	0.97	5,142.49	604.35	WATER WELLS

API No:	120314239100	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	7NO-19
Status Long:	Engineering Test	Location:	16-37N-14E
Well:	7NO-19	Section No:	
Owner:	Normal Ave. Sewer System	Township:	
Driller:	Chicago Dept. of Public Works	Township Dir:	
Date Drilled:	11/1/1966	Range:	
Elevation:	604	Range Dir:	
Elevation Ref:		Flag Las:	NO
Elevation Ref Long:		Flag Log:	NO
Total Depth:	33	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.696118999999996
Form Top:		Longitude:	-87.628125
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120314239100		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	NW	0.98	5,182.46	615.21	WATER WELLS

API No:	120313325500	Pump GPM:	
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	B-3
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	B-3	Section No:	
Owner:	108th Place Bridge	Township:	
Driller:	IL Div. of Highways	Township Dir:	
Date Drilled:	2/1/1984	Range:	
Elevation:	617	Range Dir:	

Wells and Additional Sources Detail Report

Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	NO
Total Depth:	30	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.697184
Form Top:		Longitude:	-87.65702
Form Bottom:			
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120313325500		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	WNW	0.99	5,235.58	617.61	WATER WELLS

API No:	120310092200	Pump GPM:	0
ISWSP No:		Rate GPM:	
Status:	ENG	Two Mile F:	
Status Text:		Farm Name:	DH-3
Status Long:	Engineering Test	Location:	17-37N-14E
Well:	DH-3	Section No:	
Owner:	MSD Chicago-Calumet Sys	Township:	
Driller:	KeiferAssociates	Township Dir:	
Date Drilled:	1/1/1968	Range:	
Elevation:	619	Range Dir:	
Elevation Ref:	GL	Flag Las:	NO
Elevation Ref Long:	Ground level	Flag Log:	YES
Total Depth:	935	Flag Core:	NO
Formation:		Flag Samples:	NO
W Formation:		Latitude:	41.692614999999996
Form Top:	0	Longitude:	-87.661513
Form Bottom:	0		
PDF URL:			
Data Summary:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120310092200		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for COOK County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L

Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L

Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for COOK County

No Measures/Homes:	261
Geometric Mean:	2.3
Arithmetic Mean:	2.8
Median:	2.2
Standard Deviation:	1.8
Maximum:	11.6
% >4 pCi/L:	19
% >20 pCi/L:	0
Notes on Data Table:	TABLE 2. Screening indoor radon data from the IDNS statewide radon survey conducted in Illinois during 1987-91. Data represent 2-week to 3-month alpha-track measurements from the lowest level of each home tested.

Federal Sources

Indoor Radon Data

INDOOR RADON

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data

PWSV

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level

RADON ZONE

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS)

SDWIS

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database

SSURGO

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

USGS Current Topo

US TOPO

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology

US GEOLOGY

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System

FED USGS

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

Wells from NWIS

FED USGS

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This select NWIS Wells dataset contains specific Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern. Applicable NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

Oil and Gas Wells and Borings

OGW

List of records found in the the Illinois Oil and Gas Resources mapping project ILOIL data set, made

Appendix

available by the Illinois State Geological Survey (ISGS). Additionally includes select records from the ISGS Wells and Borings database – those not found in the ISGS Illinois Water & Related Wells ILWATER data.

Public Water Supply Facilities

PWS

A list of public water supply facilities made available by the Illinois Environmental Protection Agency. Note that locations are administrative contact addresses, which may or may not coincide with the location of the public water system or its components.

Underground Injection Control Wells

UIC

The Underground Injection Control (UIC) Program is a federal program established under the provision of the Safe Drinking Water Act of 1974. Since groundwater is a major source of drinking water in the United States, the UIC Program requirements were designed to prevent contamination of groundwater resulting from the operation of injection wells. The Underground Injection Well Inventory is provided by the Illinois Environmental Protection Agency. This inventory includes Class V Injections Wells which are utilized to inject non-hazardous waste into or above the Underground Source of Drinking Water.

Water Wells

WATER WELLS

The water well database, maintained and made available by the Illinois State Geological Survey (ISGS), is an official repository for records of wells drilled in the state of Illinois in the Geoscience Information Stewardship Section.

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Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

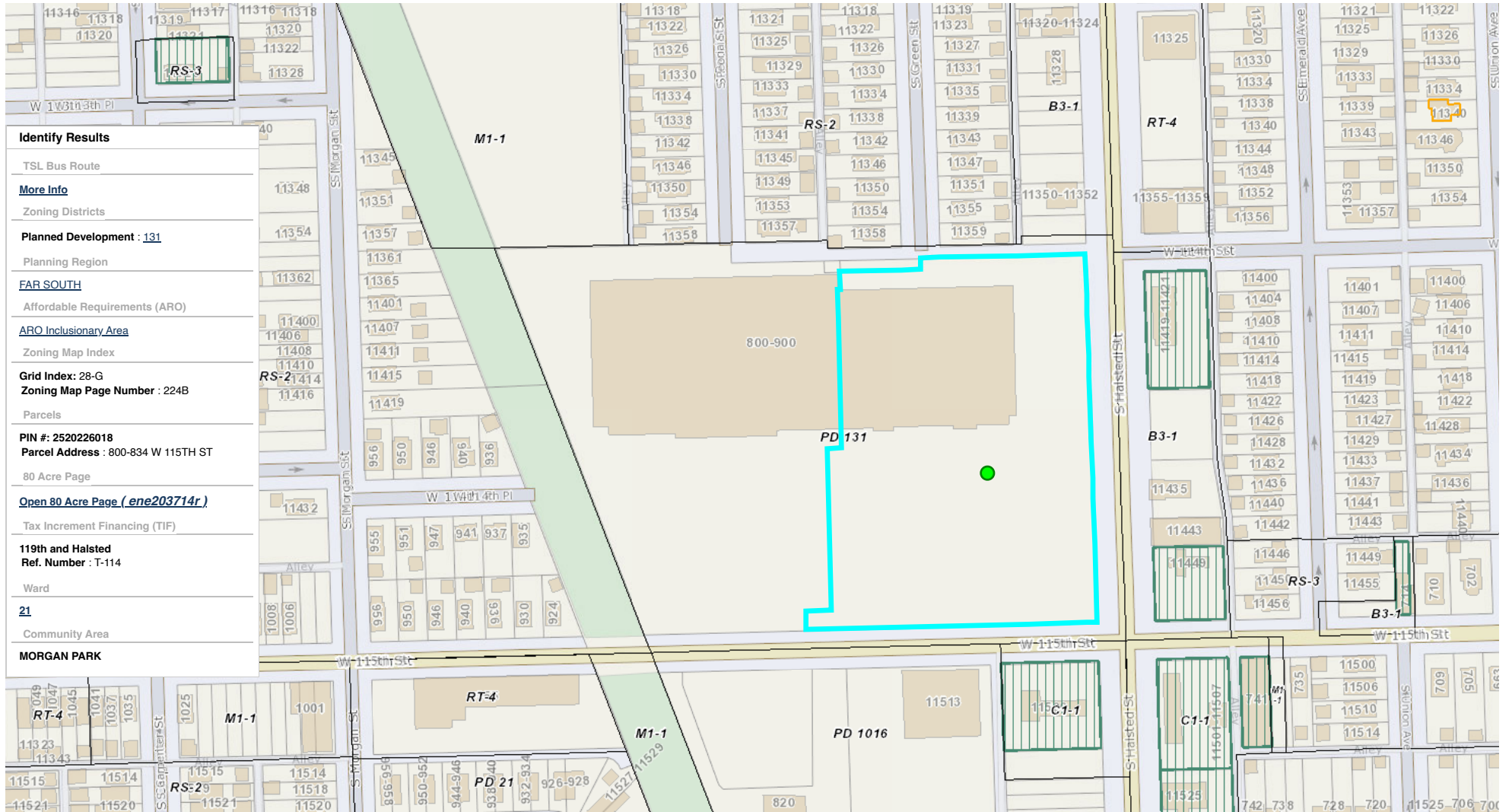
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Zoning and Land Use Map
Department of Planning and Development



Appendix D

Interview Documentation/User Provided Information



CITY OF CHICAGO PROPERTY SCREEN RESULTS

Results Do Not Substitute for Environmental Site Assessments

Compiled By: Robyn West
 Verified By: Zachery Clayton
 Date: 5/12/2010

Project Name: 11420 S. Halsted & 830 W. 115th St.
 Property Site Address(es): 11420 S HALSTED ST

PIN Number(s): 25-20-226-018-0000
 25-20-226-017-0000
 25-20-226-019-0000
 25-20-226-020-0000

Database Search Summary (Place mark in box if records attached):

Database Searched	On-Site	Neighboring	Database Searched	On-Site	Neighboring
Chicago Department of Environment			Illinois Environmental Protection Agency		
Underground Storage Tanks (UST)	X	X	Site Remediation Program		
Complaints & Inspections	X	X	Leaking UST (LUST)		X
Enforcement		X	IRID		
Pollution Prevention			State Sites Unit		
Permits		X	US Environmental Protection Agency		
Manufactured Gas Plants			Enviomapper		X
Brownfields			CERCLIS		

Environmental work anticipated to be conducted:

Environmental Site Assessment
 Sampling Investigation

Site Clean-Up/Remediation
 DO NOT ACQUIRE

If anticipated work exceeds \$250,000, project site is considered a high environmental liability and risk for acquisition. Anticipated work will incur...

Less than \$250,000

Equal to or greater than \$250,000

Comments: USTs located on the property and some illegal dumping activities may have impacted the property. Additional investigations are recommended to further understand potential impacts to a property of this size.

Sites have not been visually inspected during the property screening process. This report and preliminary cost estimate(s) cannot address the possibility of conditions existing on or near the site that would not be reasonably identifiable from the Databases Search. Although this report was prepared with due care, it does not constitute a warrantee of any kind. DOE does not guarantee that the Site is completely free from environmental concerns. Future regulatory modifications or agency interpretations may potentially affect the compliance status of the site.

REQUEST FOR DOE PROPERTY SITE ASSESSMENT SERVICES

To: Kimberly Worthington, Deputy Commissioner, Department of the Environment

Service Requested:

- Property Acquisition Screen
- Review of Environmental Reports
- Remediation Cost Evaluation
- Phase I Environmental Site Assessment
- Phase II Subsurface Site Investigation
- Federal NEPA Environmental Assessment
- No Further Remediation Letter Services
- Special Project Services (Please describe on separate page)

Property Site Address: 11420 S. Halsted and 830 West 115th Street

PIN Number: 25-20-226-017, 25-20-226-018, 25-20-226-019, 25-20-226-020 Ward Number: 34

Requesting Department: Community Development

Project Manager: Ed Lewis Telephone Number: 4-4461

Authorization:  Date: 4-27-10
(Commissioner/Deputy Commissioner)

Additional Supportive Documentation (attached if project appropriate):

- Completed F-18 form
- Right of Entry Agreement
- Environmental site assessment reports
- Parcel map
- Proposed development plans

THIS SPACE FOR DOE USE ONLY

Date Received: _____ Date Completed: _____

DOE Project Manager: _____

DOE Project File Number: _____

Comments: _____

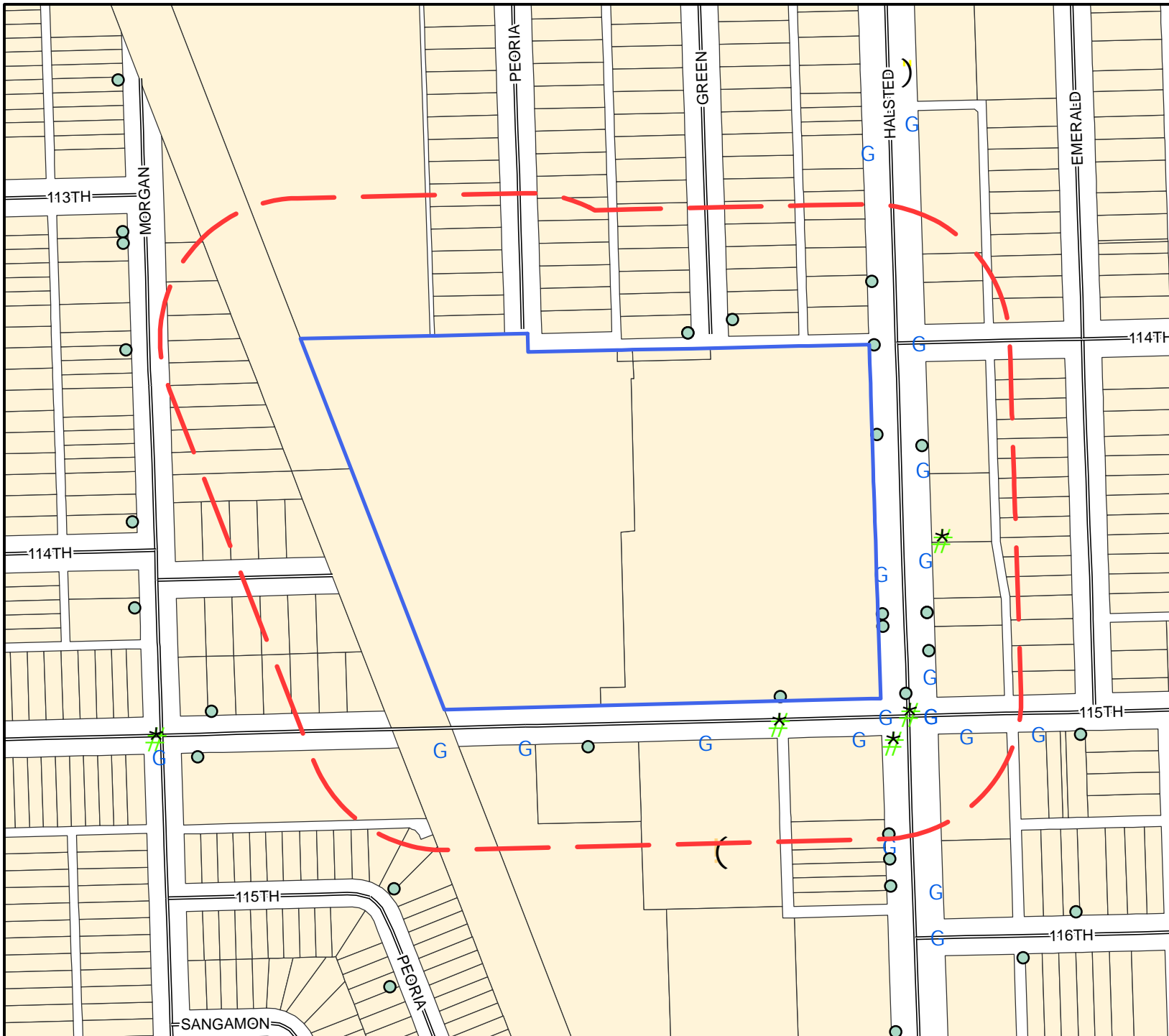
Cook County Assessor's Office Parcel Mapping















Property boundaries and other Map Information indicated are provided as a courtesy for general locational purposes only.

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Property Screen



Legend

-  Subject Site
-  Subject Site Buffer
-  UST Sites
-  Other sites
-  SRP-IL
-  NFR
-  LUST-IL
-  IRID
-  SSU
-  CERCLIS
-  MGP Parcels
-  Parcels





City of Chicago
Richard M. Daley, Mayor



Department of Environment
Suzanne Malec-McKenna
Commissioner

AKA	ADDRESS	COMPLIANT	INSPECTION	ENFORCE	P2	DEMO_PERMI	UST_NEW	UST_BLDG	INSTALLATI	AST
	11348 S HALSTED ST	Y	Y	N	N	N	N	N	N	N
	11400 S HALSTED ST	Y	N	N	N	N	N	N	N	N
	11401-31 S HALSTED ST	N	N	N	N	N	N	Y	N	N
	11414 S HALSTED ST	Y	Y	N	N	N	N	N	N	N
	11417 S HALSTED ST	N	Y	N	N	N	N	N	N	N
	11421 S HALSTED ST	N	Y	N	N	Y - No ACM	Y	Y	Y - NES	N
	11435 S HALSTED ST	N	N	N	N	N	Y	N	N	N
	11436 S HALSTED ST	N	N	N	N	N	N	Y	N	N
	11442 S HALSTED ST	N	Y	N	N	N	N	N	N	N
	11443 S HALSTED ST	N	N	N	N	N	N	N	Y - NES	N
	11443-59 S HALSTED ST	N	N	N	N	Y - No ACM	N	N	N	N
	11444 S HALSTED ST	N	Y	Y	N	N	N	N	N	N
	11449 S HALSTED ST	N	N	N	N	N	N	N	Y - NES	N
	11453 S HALSTED ST	N	N	N	N	N	N	Y	N	N
	11500 S HALSTED ST	Y	Y	N	N	N	Y	Y	Y	N
	11501 S HALSTED ST	N	Y	N	N	N	Y	N	N	N
	11501-15 S HALSTED ST	N	N	N	N	N	N	Y	N	N
	11518 S HALSTED ST	N	Y	N	N	N	N	N	N	N
	11518-26 S HALSTED ST	N	N	N	N	Y - No ACM	N	N	N	N
11600	11358 S GREEN ST	Y	Y	N	N	N	N	N	N	N
11607-35	11357 S GREEN ST	Y	Y	Y	N	N	N	N	N	N
11628	11358 S GREEN ST	Y	N	N	N	N	N	N	N	N
	751-53 W 115TH ST	N	N	N	N	N	N	Y	N	N
	800 W 115TH ST	Y	Y	N	N	N	N	N	N	N
	809 W 115TH ST	N	N	N	N	N	N	Y	N	N
	820 W 115TH ST	N	Y	N	N	N	N	N	N	N
	833 W 115TH ST	N	Y	N	N	Y	Y	Y	N	N
	851 W 115TH ST	N	Y	Y	N	N	N	N	Y - NES	N
	901 W 115TH ST	N	Y	N	N	Y - No ACM	Y	Y	N	N
	915 W 115TH ST	N	Y	N	N	N	N	Y	N	N

 see attached
 on-site properties
 ACM = asbestos containing material
 NES = no environmental significance

On-Site Records

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11400 S Halsted Ward: 34 Zipcode: 60643 Police: 22 LPC:

COMPLAINTS

Recieved: 6/25/1998 PM 03:49 Taken By: KJ EScore: 16 - Dumping (Liquid) Non-Haz

Site Name: Jewel's Store

Handled By 50 Prudinsky, Tatyana

Ticket No:

Court Date:

Comments: Apprx about one month ago there was an oil spill in the loading area behind above location. Jewel has an agreement to clean up the site & replace.

INSPECTIONS

ENFORCEMENT

11400 S Halsted

COMPLIANTS: 1 INSPECTIONS: 0 ENFORCEMENT: 0

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11414 S Halsted Ward: 34 Zipcode: 60643 Police: 22 LPC:

COMPLAINTS

Recieved: 9/10/2004 AM 08:59 Taken By: 311 EScore: 02 - Noise
Site Name: Jewel Food Store Handled By 77 Roseman, Fred
Ticket No: Court Date:
Comments: Machine behind facility is making a lot of noise all day long. Some machinery noise audible but not substantially louder than ambient noise as measured at nearest residential boundary.

INSPECTIONS

Inspection: 9/10/2004 Time: PM 09:40 Type: A6 - Noise
By: 77 ,Roseman Name of Site: Jewel's Food
Comments: There was an insignificant amount of machinery noise audible issuing from units mounted on the north wall of the bldg (probably their freezer chiller units). The noise level barely exceeded ambient noise levels as measured

ENFORCEMENT

11414 S Halsted COMPLIANTS:1 INSPECTIONS:1 ENFORCEMENT:0

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 11436 S HALSTED LAST KNOWN SITE NAME: Z TROY

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
10/28/1952	435755	INSTALL 1-275 GAL FUEL OIL TANK FINAL 6/3/53	R. BORST

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11442 S Halsted Ward: 34 Zipcode: 60643 Police: 22 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 9/8/1998 Time: PM 02:38 Type: A10 - Building Recycling Program

By: 47 ,Walsh Name of Site:

Comments: Partial recycling program in place recycling one item & one source reduction item. Allowed 10 days to comply.

ENFORCEMENT

11442 S Halsted COMPLIANTS:0 INSPECTIONS:1 ENFORCEMENT:0

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11444 S Halsted Ward: 34 Zipcode: 60643 Police: 22 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 11/20/1998 Time: PM 12:46 Type: A10 - Building Recycling Program
By: 56 ,Kelly Name of Site: Halsted In-Door Shopping Mall
Comments: The dumpster in the rear of the mall was for refuse collection only. The individual shop owners did not have a copy of a written recycling program.

ENFORCEMENT

Enforcement Date: 11/20/1998 Enforcement Type:ADM - Adminsitrative Hearings
Company: Halsted Indoor Shopping Mall Served: Refused to sign
Mail Address: 11444 S Halsted Chicago, IL 60628
Issued By: 56 ,Kelly
1st Court Date: 1/7/1999 Last Court Date: Total Hearings: 1.00
Disposition: AH VD - Fine: \$100.00

Comments:

TICKET	DOCKET	CHARGE	DESCRIPTION	LIABLE
401601	99-80012	11-5-023	Commercial Bldg recycling program	G

11444 S Halsted COMPLIANTS:0 INSPECTIONS:1 ENFORCEMENT:1

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

820 W 115TH ST Ward: 34 Zipcode: 60643 Police: 22 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 6/4/2004 Time: PM 01:10 Type: A9 - Demo/NESHAPS By: 85 , Kay Name of Site: Demo Site Comments: Demo no activity.

ENFORCEMENT

820 W 115TH ST COMPLIANTS:0 INSPECTIONS:1 ENFORCEMENT:0

Records for Neighboring Sites

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11348 S Halsted Ward: 34 Zipcode: 60643 Police: 22 LPC: 0316755098

COMPLAINTS

Recieved: 9/23/1998	AM 09:47	Taken By: KJ	EScode: 15 - Dumping (Solids)
Site Name: Vacant Lot			Handled By 35 Kaehler, Stan
Ticket No:		Court Date:	
Comments: Someond dumped 2 piles of concrete in vacant lot complainant talk with ward supt nothing has been done yet. Observed unsecured lot with apprx 10 cu			

INSPECTIONS

Inspection: 9/23/1998	Time: PM 12:30	Type: A5A - Illegal Dump (State Open-Dump)
By: 35 ,Kaehler		Name of Site: Vacant Lot
Comments: Manager of popeye's reported illegal dumping. No infor obtained on violator informed antler manager to clean & secure vacant lot.		

ENFORCEMENT

11348 S Halsted COMPLIANTS:1 INSPECTIONS:1 ENFORCEMENT:0

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 11401-31 S HALSTED **LAST KNOWN SITE NAME:** MCDONALDS

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
10/25/1955	182598	INSTALL 4-4K GSLN & 1-1K FUEL OIL TKS FINAL N/G	WASSILOWSKI
1/17/1980	N/G	REMOVE 4-4K GSLN & 1-1K FUEL OIL TKS FINAL 6/28/81	G. M. WRECKING

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11417 S Halsted Ward: 34 Zipcode: 60628 Police: 22 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 6/18/2009 Time: AM 11:18 Type: A3D - Air/Odor (Dry Cleaning Facility)

By: 137 ,Scott Name of Site: Victor Valet

Comments: Site assessment performed. This cleaning facility ins closes of out of business. Not listed in the Department of Environment P2 data base. Address is 11414 S. Halsted.

ENFORCEMENT

11417 S Halsted COMPLIANTS:0 INSPECTIONS:1 ENFORCEMENT:0

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11421 S Halsted Ward: 34 Zipcode: 60628 Police: 22 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 3/7/2007 Time: AM 09:10 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: Demo no activity.

Inspection: 3/22/2007 Time: AM 09:15 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: Demo completed.

Inspection: 5/23/2007 Time: AM 09:18 Type: A7A - UST Removal
By: 43 ,Nessler Name of Site: New McDonald's Store
Comments: The heating oil tank was in fair condition. There was no apparent product release noticeable in the tank excavation area. No backfilling / construction site.

ENFORCEMENT

11421 S Halsted COMPLIANTS:0 INSPECTIONS:3 ENFORCEMENT:0

**Underground Storage Tank FREEDOM OF INFORMATION AS OF
Friday, May 07, 2010**

FACILITY: NEW MCDONALD'S RESTAURANT
 11421 S HALSTED
 CHICAGO, IL 60628 WARD: 41
CONTACT: MR MIKE ROGERS PHONE: (630) 836-4941

Facility ID: 2043655 IEMA Number: 0

Owner: MCDONALD'S USA, LLC
 4320 WINFIELD RD., #400
 WARRENVILLE IL 60555
CONTACT: MR MIKE ROGERS PHONE: (630) 836-4941

TANK	STATUS	SIZE	Material in Tank	Install Date	Date Tank Last Used
1	Removed 5/23/2007	1150	Heating Oil		12/31/1973

PERMIT	TYPE	ISSUED	COMPLETED	INSPECTED	CONTRACTOR & COMMENTS
109239	REMOVE	04/26/07	05/23/07	05/23/07	ROBINETTE DEMOLITION INC Removed 1-1,150 gallon heating oil tank

Comment Date	Comments
5/23/2007	Removal Permit #109239: Removed (1) 1,150 gallon heating oil tank in fair condition. There was no apparent product release in the tank excavation area. No backfilling / construction site.

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 11421 S HALSTED LAST KNOWN SITE NAME: SHELDON HEIGHTS REALTY COMPANY

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
2/26/1959	254290	INSTALL 2-275 GAL FUEL OIL TANKS FINAL 3/1/60	SHELDON

**Underground Storage Tank FREEDOM OF INFORMATION AS OF
Friday, May 07, 2010**

FACILITY: QUALITY CARE MUFFLER
11435 S HALSTED
CHICAGO, IL 60628 WARD: 34
CONTACT: PHONE: (312) 660-8787

Facility ID: 2029904 IEMA Number: 920332

Owner:

CONTACT: KENNETH BLOHM PHONE: (773) 348-2955

TANK	STATUS	SIZE	Material in Tank	Install Date	Date Tank Last Used
1	Removed 03/26/92	6000	Gasoline		
2	Removed 03/26/92	8000	Gasoline		
3	Removed 03/26/92	10000	Gasoline		

PERMIT	TYPE	ISSUED	COMPLETED	INSPECTED	CONTRACTOR & COMMENTS

Comment Date	Comments
3/26/1992	Removal of three tanks, 6,000, 8,000, 10,000. Tanks were in good condition, no holes. There was soil contamination at the pit bottom. IEMA # 92-0332.

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 11453 S HALSTED LAST KNOWN SITE NAME: FIRST COOK COMMUNITY

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
2/5/1954	105738	INSTALL 1-2K & 1-3K GSLN, 1-1K FO, 1-500 WO FINAL 5/25/54	H. M. BOLES & SONS
3/19/1971	443195	INSPECT 1-5K, 1-8K 1-10K GSLN, REMOVE 1-3K, FIN. 6/16/71	ROBERT YOUNG INC.
5/25/1982	613283	REMOVE 1-10K, 1-8K, 1-5K GASLN 1-550 W.O. 1-1K HTG FO REMAIN	R. W. COLLINS
1/4/1985	649578	REMOVE 1-10K, 1-8K, 1-5K, 1-550 FINAL 1/8/85	SHEFFIELD TANK
4/7/1992	752030	REMOVE 1-1K, 1-2K, & 1-550 FINAL 7/16/92	B. W. COLLINS
2/10/1997	749966	REMOVE 3-6K GSLN TKS FINAL N/G	R. W. COLLINS

**DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT**

11500 S Halsted Ward: 34 Zipcode: 60643 Police: 05 LPC:

COMPLAINTS

<p>Recieved: 12/7/2001 AM 10:45 Taken By: 311 EScore: 14 - UST Site Name: Former Shell Station Handled By 19 Valdivia, Raul Ticket No: Court Date: Comments: Fence has fallen huge tanks on site. Doe office will will notify the tank contractors GI-LA Builders about this problem. The fence will be reinstalled until job is completed. No follow-up is planned at this time.</p>
<p>Recieved: 10/2/2002 PM 03:30 Taken By: KJ EScore: 02 - Noise Site Name: Amoco Gas Station Handled By 81 Pratt, Joe Ticket No: Court Date: Comments: Very loud generator on the south west corner of above location. I detected a very loud mechanical noise emanating from a large generator inside a fenced area on the stations lot. Several signs read "danger high</p>
<p>Recieved: 9/10/2004 AM 08:59 Taken By: 311 EScore: 02 - Noise Site Name: Jewel Food Store Handled By 77 Roseman, Fred Ticket No: Court Date: Comments: Machine behind facility is making a lot of noise all day long. Some machinery noise audible but not substntially louder than ambient noise as measured at nearest residential boundary.</p>
<p>Recieved: 5/25/2007 AM 09:47 Taken By: 311 EScore: 04 - Particulate Emissions Site Name: Handled By 130 Lipman, Chris Ticket No: Court Date: Comments: Construction at 115th and Halsted is not using water to prevent the dust from flying in the air.</p>

INSPECTIONS

<p>Inspection: 12/7/2001 Time: AM 11:45 Type: A7A - UST Removal By: 43 ,Nessler Name of Site: Comments:</p>
<p>Inspection: 10/2/2002 Time: PM 03:30 Type: A6 - Noise By: 81 ,Pratt Name of Site: BP Amoco Gas Station Comments: The noise in question is audible at complainats residence however is within ordinance levels. Spoke with station attendant who said that she did not know the purpose for the generator however did say the owner can be reached at the station every day at 11 am.</p>
<p>Inspection: 10/3/2002 Time: AM 11:15 Type: A7 - UST (Complaint) By: 21 ,Roberts Name of Site: BP Amoco Gas Station Comments: UST inspection</p>
<p>Inspection: 10/9/2002 Time: AM 08:25 Type: A7 - UST (Complaint) By: 21 ,Roberts Name of Site: BP Amoco Gas Station Comments: UST inspection</p>

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11500 S Halsted Ward: 34 Zipcode: 60643 Police: 05 LPC:

Inspection: 10/28/2003 Time: PM 12:02 Type: A7O - Special Projects
By: 30 ,Garcia M (133 11/06) Name of Site: BP Amoco
Comments: service station cleanliness

Inspection: 7/19/2005 Time: AM 09:39 Type: A7O - Special Projects
By: 30 ,Garcia M (133 11/06) Name of Site: BP Amoco
Comments: Gas station task force- city wide inspections

Inspection: 7/22/2005 Time: AM 08:36 Type: A7O - Special Projects
By: 30 ,Garcia M (133 11/06) Name of Site: BP Amoco
Comments: Gas station task force- city wide inspections

Inspection: 7/26/2007 Time: AM 10:50 Type: A7D - UST Upgrade
By: 43 ,Nessler Name of Site: BP Gas Station
Comments: Contractor replaced PLLD for MLLD on regular gasoline tank.

Inspection: 9/7/2007 Time: AM 06:38 Type: A7G - Stage II
By: 67 ,Gray Name of Site: BP Gas Station
Comments:

Inspection: 1/18/2008 Time: AM 11:45 Type: A7Z - Stage I & Stage II
By: 67 ,Gray Name of Site: BP Gas Station
Comments: Station is closed and boarded up.

Inspection: 6/6/2008 Time: PM 12:13 Type: A7 - UST (Complaint)
By: 43 ,Nessler Name of Site: BP Gas Station
Comments:

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11500 S Halsted Ward: 34 Zipcode: 60643 Police: 05 LPC:

Inspection: 6/9/2008 Time: AM 10:23 Type: A7 - UST (Complaint)

By: 121 ,Abubaker Name of Site: BP Gas Station

Comments: Upon arrival on site an investigation was conducted on the BP Gas Station at 11500 S Halsted. I canvassed the area and observed the property is not securely fenced off. The owner of the facility was not available during the investigation. I was informed by BP that they are no longer the owners of the property. I was give the owners name and number which then I call Ms. Dada(630-965-0785). I informed the Ms. Dada that the property has been out of service for 1 year and he needed to have the property securely fenced off. He then contacted National Construction Rentals and placed a order for the fence to be placed by 7-3-2008.

Inspection: 6/30/2008 Time: AM 10:26 Type: A9 - Demo/NESHAPS

By: 67 ,Gray Name of Site: Demo Site

Comments: Demo no activity.

Inspection: 7/3/2008 Time: AM 09:12 Type: A9 - Demo/NESHAPS

By: 67 ,Gray Name of Site: Demo Site

Comments: Demo no activity.

Inspection: 7/3/2008 Time: AM 10:28 Type: A7P - UST AST Follow up

By: 121 ,Abubaker Name of Site: Former BP Amoco station

Comments: Owner had a fence installed around station per my request for closed down gas station. Saw fence was installed as requested.

Inspection: 4/15/2009 Time: AM 08:00 Type: A7G - Stage II

By: 121 ,Abubaker Name of Site: Amoco

Comments: Performed Stage II inspection found station has been closed for about a year. See State Form

Inspection: 1/12/2010 Time: AM 10:10 Type: A7G - Stage II

By: 14 ,Anselmini Name of Site: Citgo

Comments: This is a license inspection with the paper work to the UST section.

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11500 S Halsted Ward: 34 Zipcode: 60643 Police: 05 LPC:

Inspection: 1/25/2010 Time: AM 11:00 Type: A7H - UST Audit
By: 121 ,Abubaker Name of Site: Citgo
Comments: Performed audit inspection issued green decal #L003536. See state Audit

Inspection: 2/2/2010 Time: AM 09:18 Type: A7G - Stage II
By: 14 ,Anselmini Name of Site: Citgo
Comments: This was a city license inspection. The station was not ready to open at this time.

Inspection: 2/19/2010 Time: AM 09:07 Type: A7G - Stage II
By: 14 ,Anselmini Name of Site: Citgo
Comments: This was a city license inspection. The site was not ready at this time for approval.

Inspection: 2/19/2010 Time: AM 11:55 Type: A7G - Stage II
By: 14 ,Anselmini Name of Site: Citgo
Comments: This was a city license inspection. The cite was approved and the paper work went to the UST section.

ENFORCEMENT

11500 S Halsted COMPLIANTS:4 INSPECTIONS:21 ENFORCEMENT:0

**Underground Storage Tank FREEDOM OF INFORMATION AS OF
Friday, May 07, 2010**

FACILITY: CITGO GAS
11500 S HALSTED
CHICAGO, IL 60643 WARD: 34
CONTACT: MANAGER PHONE: (773) 905-2822

Owner: SANIA OIL COMPANY
1002 SEAN CIRCLE
DARIEN IL 60561
CONTACT: MR GULAM PHONE: (630) 965-0789

Facility ID: 2023001 IEMA Number: 0

TANK	STATUS	SIZE	Material in Tank	Install Date	Date Tank Last Used
1	In Compliance	10000	Gasoline-Regule		
2	In Compliance	10000	Gasoline-Mid		
3	In Compliance	10000	Gasoline-prem		

PERMIT	TYPE	ISSUED	COMPLETED	INSPECTED	CONTRACTOR & COMMENTS
103122	UPGRADE	05/20/1997	08/26/1997	08/26/1997	A B D TANK & PUMP COMPANY UPGRADE AND LEAK DETECTION IN PLACE
104000	UPGRADE/CATHODIC	06/02/1998			A B D TANK & PUMP COMPANY PERMIT EXPIRED.
109308	UPGRADE LEAK DET	07/12/07	07/26/07	07/26/07	A B D TANK & PUMP COMPANY Replaced PLLD for MLLD on regular gasoline tank.

Comment Date	Comments
3/7/2002	Certification Audit: CFD Inspector G. Lee issued green decal # D 001943 replacing Decal # A001235.
12/20/2004	Scheduled Precision Line Testing by Tanknology.
12/15/2004	Scheduled Precision Line Testing by Tanknology.
7/26/2007	Upgrade Leak Detector permit #109308:The Contractor replaced PLLD for MLLD on regular gasoline tank. Upgrade appears to be in place.
6/9/2008	Complaint: Upon arrival on site an investigation was conducted on the BP Gas Station at 11500 S Halsted. I canvassed the area and observed the property is not securely fenced off. The owner of the facility was not available during the investigation. I was informed by BP that they are no longer the owners of the property. Inspector was given the owners name and number which then he called Ms. Dada. Inspector informed the Ms. Dada that the property has been out of service for one year and he needed to have the property securely fenced off. he then contacted Nartional Construction Rentals and placed a orders for the fence to be placed by 7/3/2008.
7/3/2008	Complaint: Upon arrival on site an investigation was conducted on the BP Gas Station at 11500 S Halsted. O canvassed the area and observed the property is securely fenced off.

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: **11500 S HALSTED** LAST KNOWN SITE NAME: **AMOCO OIL**

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
4/17/1957	214710	REPLACE EXISTING TKS W/1-2K & 1-3K GSLN, 2-500G, F. 6/5/57	STANDARD OIL
6/8/1970	429277	INSPECT 1-6K GAL GSLN TK FINAL 9/21/70	AETNA TANK & PUMP
1/29/1979	556922	REMOVE 1-6K, 1-3K, 1-2K, 1-550, 1-500 FINAL 5/24/79	TURNER WRECKING
7/15/1992	756507	INSTALL STAGE 2 PIPING FINAL 7/30/92	STENCEL TANK & PUMP

**INSTALLATION PERMITS ISSUED AT:
11500 S Halsted**

PERMIT NUMBER 01119265

DATE ISSUED 11/7/2001

BUILDING PERMIT

APPLICANT

**Delta Environmental Consultants
17500 W Liberty Lane
New Berlin, WI 53146**

OWNER

**Amoco Oil Co
801 Warrenville Rd
Lisle, IL 60532**

ITEM	AMT.	EQUIPMENT DESCRIPTION
01	1	Process Equipment/ Sue Blower/Model:R6P155Q-SO/ Dimensions: 3'x2'
02	1	Unfired Pressure Vessel/ Gast/Model:4080-P101/ Dimensions; 1.5'DIA x 3'LG
03	1	Control Device/ Catalytic Oxidation Unit/Model: RC1-0290

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11501 S Halsted Ward: 34 Zipcode: 60628 Police: 05 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 8/8/2001 Time: PM 12:05 Type: A7A - UST Removal

By: 43 ,Nessler Name of Site:

Comments:

Inspection: 9/5/2001 Time: PM 02:03 Type: A7C - UST Install

By: 30 ,Garcia M (133 11/06) Name of Site:

Comments:

Inspection: 9/6/2001 Time: PM 01:50 Type: A7C - UST Install

By: 30 ,Garcia M (133 11/06) Name of Site:

Comments:

Inspection: 12/3/2001 Time: PM 12:00 Type: A7C - UST Install

By: 30 ,Garcia M (133 11/06) Name of Site:

Comments:

Inspection: 12/4/2001 Time: AM 10:21 Type: A7C - UST Install

By: 30 ,Garcia M (133 11/06) Name of Site:

Comments:

Inspection: 1/16/2002 Time: AM 09:00 Type: A7C - UST Install

By: 30 ,Garcia M (133 11/06) Name of Site:

Comments:

Inspection: 1/18/2002 Time: PM 01:30 Type: A7 - UST (Complaint)

By: 30 ,Garcia M (133 11/06) Name of Site:

Comments:

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11501 S Halsted Ward: 34 Zipcode: 60628 Police: 05 LPC:

Inspection: 1/25/2002 Time: AM 08:24 Type: A7C - UST Install

By: 43 ,Nessler

Name of Site:

Comments:

Inspection: 2/6/2002 Time: AM 09:33 Type: A7C - UST Install

By: 30 ,Garcia M (133 11/06) Name of Site: Mobil

Comments: Install permit # 106716: Installed one 12,000 and one 12,000 compartmented tank split into (1) 8,000 (1) 4,000. Tanks were double wall, fiberglass from Xerxes Corporation. Piping is double wall flexible pipes with PLLD (Continuous line pressure monitor)..

Inspection: 5/29/2002 Time: PM 12:04 Type: A3 - Air/Odor

By: 14 ,Anselmini

Name of Site: Mobil

Comments:

Inspection: 11/5/2002 Time: AM 08:25 Type: A7P - UST AST Follow up

By: 21 ,Roberts

Name of Site:

Comments: UST inspection

Inspection: 3/29/2005 Time: Type: A7H - UST Audit

By: 30 ,Garcia M (133 11/06) Name of Site: Mobil

Comments: Certification Audit D002017

Inspection: 4/8/2005 Time: Type: A7H - UST Audit

By: 30 ,Garcia M (133 11/06) Name of Site: Mobil

Comments: Certification Audit G001450

Inspection: 7/19/2005 Time: PM 02:44 Type: A7O - Special Projects

By: 30 ,Garcia M (133 11/06) Name of Site: Mobil

Comments: Gas station task force

Inspection: 7/21/2005 Time: AM 10:11 Type: A7O - Special Projects

By: 30 ,Garcia M (133 11/06) Name of Site: Mobil

Comments: Gas Station task force city wide inspections

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11501 S Halsted Ward: 34 Zipcode: 60628 Police: 05 LPC:

Inspection: 7/21/2005 Time: AM 10:30 Type: A7P - UST AST Follow up
By: 30 ,Garcia M (133 11/06) Name of Site: Mobil
Comments: Gas station task force- city wide inspections

Inspection: 2/15/2006 Time: AM 11:07 Type: A7O - Special Projects
By: 30 ,Garcia M (133 11/06) Name of Site: Mobil
Comments: GSTF

Inspection: 2/23/2006 Time: AM 08:43 Type: A7O - Special Projects
By: 30 ,Garcia M (133 11/06) Name of Site: Mobil
Comments: GSTF

Inspection: 2/22/2007 Time: AM 08:30 Type: A7H - UST Audit
By: 118 ,Collins Name of Site: Halsted Mobil
Comments: Issued NOV

Inspection: 2/22/2007 Time: AM 10:00 Type: A7G - Stage II
By: 118 ,Collins Name of Site: Halsted Mobil
Comments:

Inspection: 2/22/2007 Time: AM 10:45 Type: A7Q - UST Miscellaneous
By: 118 ,Collins Name of Site: Halsted Mobil
Comments: Cleanliness Inspection. The operator was informed that service stations are required to have surficial areas cleansed twice a year at the minimum, and must be supported by waste disposal records to remain on the site for (3) years.

Inspection: 3/29/2007 Time: PM 02:03 Type: A7H - UST Audit
By: 118 ,Collins Name of Site: Halsted Mobil
Comments: Issued Green sticker # I 003570

Inspection: 9/7/2007 Time: AM 06:41 Type: A7Z - Stage I & Stage II
By: 67 ,Gray Name of Site: Mobil Car Wash
Comments: Facility not in compliance.

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11501 S Halsted Ward: 34 Zipcode: 60628 Police: 05 LPC:

Inspection: 1/18/2008 Time: AM 11:52 Type: A7Z - Stage I & Stage II
By: 67 ,Gray Name of Site: Mobil Car Wash
Comments: Station in compliance.

Inspection: 11/19/2008 Time: PM 01:50 Type: A7Q - UST Miscellaneous
By: 119 ,Keane Name of Site: Gas Station
Comments: Went to site and found that the green tag was current at site. Inspector Ed Collins issued green tag
I003570 which expires on 12/31/2009

Inspection: 5/14/2009 Time: AM 09:55 Type: A7H - UST Audit
By: 121 ,Abubaker Name of Site: Halsted Mobil
Comments: Performed audit inspection found station in compliance issued green decal # K003497. See State Form

Inspection: 5/14/2009 Time: AM 10:55 Type: A71 - Cleansing Ordinance 4-108-345 thru 4
By: 121 ,Abubaker Name of Site: Halsted Mobil
Comments: Performed surficial cleaning inspection found station to be in compliance. See Form

Inspection: 9/22/2009 Time: PM 03:25 Type: A7Z - Stage I & Stage II
By: 77 ,Roseman Name of Site: Mobil Gas & Car Wash
Comments: Station in compliance. Nozzles 3, 4, & 5 dry rotted above snivel. Nozzle 6 inop.

ENFORCEMENT

11501 S Halsted COMPLIANTS:0 INSPECTIONS:28 ENFORCEMENT:0

**Underground Storage Tank FREEDOM OF INFORMATION AS OF
Friday, May 07, 2010**

FACILITY: MOBIL Facility ID: 2007045 IEMA Number: 0
 11501 S HALSTED
 CHICAGO, IL 60628 WARD: 34
 CONTACT: MR MOHAMMED ASIF PHONE: (773) 264-2423
Owner: ROCKBUILD ENTERPRISES
 14123 S 85TH ST
 ORLAND PARK IL 60462
 CONTACT: MR MOHAMMED ASIF PHONE: (708) 205-8263

TANK	STATUS	SIZE	Material in Tank	Install Date	Date Tank Last Used
1	Removed 8/8/2001	10000	Gasoline		5/1/2001
2	Removed 8/8/2001	10000	Gasoline		5/1/2001
3	Removed 8/8/2001	8000	Gasoline		5/1/2001
4	In Compliance	12000	Gasoline-Reg	2/6/2002	
5	In Compliance	8000	Gasoline-Prem	2/6/2002	
6	In Compliance	4000	Diesel	2/6/2002	

PERMIT	TYPE	ISSUED	COMPLETED	INSPECTED	CONTRACTOR & COMMENTS
100838	UPGRADE/S2	03/30/1994			H & H TANK INSTALLERS
103391	UPGRADE	09/04/1997	03/26/1998	03/26/1998	H & H TANK INSTALLERS UPGRADE OF LEAK DETECTION SYSTEM ONLY
106176	UPGRADE LEAK DET	04/16/01			H & H TANK INSTALLERS
106322	REMOVE	06/18/01	08/08/01	08/08/01	H & H TANK INSTALLERS
106413	INSTALL	08/14/01			GI-LA BUILDERS INC Permit # 106413 is not good issued another Permit
106414	Stage II	08/14/01			GI-LA BUILDERS INC Permit # 106414 is not good issued another permit
106716	INSTALL	01/28/02	02/06/02	02/06/02	GI-LA BUILDERS INC
106717	Stage II	01/28/02			GI-LA BUILDERS INC

Comment Date	Comments
8/8/2001	Removal Permit # 106322. 2-10,000,1-8,000 gasoline tanks. The fiberglass tanks were in fair condition. However, earlier overfilling at this facility has caused some product release to be noticeable in the backfilling pea gravel- mainly in northwest area of property. IEMA already filed. New tank installation is planned here after site remediation. is completed. Green Decal# A001236 issued on 10/5/1999 was voided.
2/6/2002	CDOE Inspector M. Garcia issued new green decal # D002017.
2/27/2002	Upgrade permit # 106707. Upgrade (2) 5000 (1) 7500. DOE's inspector did not witness upgrade due to an emergency at a different cite.
2/6/2002	Install permit # 106716: Installed one 12,000 and one 12,000 compartmented tank split into (1) 8,000 (1) 4,000. Tanks were double wall, fiberglass from Xerxes Corporation. Piping is double wall flexible pipes with PLLD (Continuous line pressure monitor)..

**Underground Storage Tank FREEDOM OF INFORMATION AS OF
Friday, May 07, 2010**

Comment Date	Comments
3/28/2006	Chicago Fire Dept Violations written for: Leak detectors.
11/24/2008	Green Tag Audit Check: Went to site and found that the green tag was current at site. Inspector Ed Collins issued green tag I003570 which expires on 12/31/2009.

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: **11501-15 S HALSTED** LAST KNOWN SITE NAME: **SHELL OIL**

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
11/29/1971	452108	INSTALL 2-10K & 1-8K GSLN, 1-1K WO CANCELLED 11/13/72	H & H TANK INSTALLERS
5/26/1972	460662	INSPECT 2-10K & 1-8K FBGLS GSLN FINAL 11/13/72	H & H TANK INSTALLERS

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11518 S Halsted Ward: 34 Zipcode: 60643 Police: 05 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 11/15/2005 Time: AM 08:10 Type: A9 - Demo/NESHAPS By: 85 ,Kay Name of Site: Demo Site Comments: Demo no activity.
Inspection: 11/21/2005 Time: AM 09:00 Type: A9 - Demo/NESHAPS By: 85 ,Kay Name of Site: Demo Site Comments: Demo no activity.
Inspection: 12/12/2005 Time: AM 09:30 Type: A9 - Demo/NESHAPS By: 85 ,Kay Name of Site: Demo Site Comments: Demo no activity.
Inspection: 12/28/2005 Time: AM 08:10 Type: A9 - Demo/NESHAPS By: 85 ,Kay Name of Site: Demo Site Comments: Demo no activity.
Inspection: 1/5/2006 Time: PM 03:30 Type: A9 - Demo/NESHAPS By: 85 ,Kay Name of Site: Demo Site Comments: Demo in progress.
Inspection: 1/12/2006 Time: AM 10:00 Type: A9 - Demo/NESHAPS By: 85 ,Kay Name of Site: Demo Site Comments: 100% grade level.

ENFORCEMENT

11518 S Halsted COMPLIANTS:0 INSPECTIONS:6 ENFORCEMENT:0

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11600 S Green Ward: 34 Zipcode: 60643 Police: 05 LPC:

COMPLAINTS

Recieved: 10/2/2008 PM 12:00 Taken By: DG EScore: 15 - Dumping (Solids)
Site Name: Handled By 67 Gray, Darrell
Ticket No: Court Date:
Comments: Possible dumping occurring and demolition. Observed no activity at this time.

INSPECTIONS

Inspection: 4/9/2001 Time: PM 12:39 Type: A8 - Site Assesment By: 67 ,Gray Name of Site: Comments:
Inspection: 4/16/2001 Time: AM 11:27 Type: A8 - Site Assesment By: 67 ,Gray Name of Site: Comments:
Inspection: 4/24/2001 Time: PM 03:50 Type: A8 - Site Assesment By: 67 ,Gray Name of Site: Comments: Visual
Inspection: 5/14/2001 Time: PM 02:12 Type: A8 - Site Assesment By: 67 ,Gray Name of Site: Comments: Check for fencing
Inspection: 6/7/2001 Time: PM 01:20 Type: A5 - Illegal Dump By: 67 ,Gray Name of Site: Comments: No dumping found.
Inspection: 10/2/2008 Time: PM 12:07 Type: A3 - Air/Odor By: 67 ,Gray Name of Site: Comments: No activity. No odors or visible particulates detected. No dumping occurring.

ENFORCEMENT

11600 S Green COMPLIANTS: 1 INSPECTIONS: 6 ENFORCEMENT: 0

**DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT**

11607-35 S Green Ward: 34 Zipcode: 60643 Police: 05 LPC:

COMPLAINTS

Recieved: 4/13/1997	PM 01:00	Taken By: EOB	EScode: 13 - No License/Permit
Site Name: Morris Trucking Co.	Handled By 22 Robertson, Phil		
Ticket No: 922914	Court Date: 5/28/1997		
Comments: Check for all code violations. Defendent caused & allowed the operation of a business garage for parking trucks at the above loc. fail of display.			

INSPECTIONS

Inspection: 4/16/1997	Time: PM 01:50	Type: A2 - Non Permit/License Facility
By: 22 ,Robertson	Name of Site: Frank Morris	
Comments: Inspector interviewed Morris the manager of above address inspector asked manager for his current business license stated business did not have lic.		

Inspection: 4/17/1997	Time: PM 01:00	Type: A2 - Non Permit/License Facility
By: 22 ,Robertson	Name of Site:	
Comments:		

ENFORCEMENT

Enforcement Date: 4/17/1997 Enforcement Type: TIC - Ticket Muni-Prosecution				
Company: Morris Trucking Company Served: Frank Morris				
Mail Address: 11607-35 S Green Street Chicago, IL 60620				
Issued By: 22 ,Robertson				
1st Court Date: 5/28/1997	Last Court Date: 9/4/1997	Total Hearings: 4.00		
Disposition: ETI -		Fine: \$200.00		
Comments: Parking trucks No License (C2-MCNS)				
TICKET	DOCKET	CHARGE	DESCRIPTION	LIABLE
922914	97MC11954	4-4-010	Business license definitions	G
922914	97MC11954	4-4-020	GBL business license	N

11607-35 S Green COMPLAINTS: 1 INSPECTIONS: 2 ENFORCEMENT: 1

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11610 S Green Bay Ward: 10 Zipcode: 60617 Police: 04 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 11/7/2005 Time: PM 02:30 Type: A1 - Permit/License Facility

By: 35 ,Kaehler

Name of Site: Napuik Salvage

Comments: Investigator Kaehler reinspected Napuck's recycling facility for clean up. Upon arrival, I spoke and toured the site with Hal Tolin & Ron Trivisonno. Operations are done inside a building. The floor is paved with concrete. The concrete is sloped to a sump, which collects any liquid waste from the site. Safety Kleen is contracted to remove the liquid waste.

This site receives junk motors by railcars & trucks. Site scraps old motors. Motors are processed through a crusher, which also separates the metals (aluminum, steel & cast iron). Parts are then washed with a caustic soap inside a tumble drum.

Ron informed me they had a asbestos contractor patch TSI & remove broken pieces of transite paneling. Site has received it's Hazardous Material license and has applied for their installation permits for processing equipment. Workers have started to remove the accumulation build up from the concrete floor along with cutting down the tall weeds. They have been discussing sending a few workers for asbestos training and on installing an oil / water separator.

SITE CONDITIONS:

1. Air compressors, old gasoline motors & diesel motors are stored in their respectful storage bins. These areas are not labeled. The site has removed the minor accumulation of oil dry buildup on the concrete slab.
2. There is no secondary containment for storage of virgin oil inside 55 gallon drums. Ron informed me they are working on secondary containment. They are working with Debbie Hayes, whom now works for CPI.
3. Shredded scrap is stored in their respectful areas according to the type of metal. Scrap is then loaded into railcars & trucks to be processed at steel mills.
4. Site processes incoming scrap with a shredder, shaker tables & a caustic tumble drum cleaner.

I requested them to clean / dig out the oil saturated debris from between the railroad tracks. Ron assured me this will be done. I will monitor this site for compliance.

Inspection: 12/8/2005 Time: PM 02:45 Type: A1 - Permit/License Facility

By: 35 ,Kaehler

Name of Site: Napuik Salvage

Comments: Investigator Kaehler and Antonopoulos reinspected Napuck's recycling facility for clean up. Upon arrival, I spoke and toured the site with Hal Tolin & Ron Trivisonno. Operations are done inside a building. The floor is paved with concrete. The concrete is sloped to a sump, which collects any liquid waste from the site. Safety Kleen is contracted to remove the liquid waste.

This site receives junk motors by railcars & trucks. Site scraps old motors. Motors are processed through a crusher, which also separates the metals (aluminum, steel & cast iron). Parts are then washed with a caustic soap inside a tumble drum.

Hal informed me they had a asbestos contractor patch TSI & remove broken pieces of transite paneling. however, we did observe several damaged pipe sections that need to be either removed or repaired. Site has received it's Hazardous Material license and has applied for their installation permits for processing equipment. Workers have started to remove the accumulation build up from the concrete floor along with cutting down the tall weeds. They have been discussing sending a few workers for asbestos training and on installing an oil / water separator.

SITE CONDITIONS:

1. Air compressors, old gasoline motors & diesel motors are stored in their respectful storage bins. These areas are not labeled. The site has removed the minor accumulation of oil dry buildup on the concrete slab.
2. There is no secondary containment for storage of virgin oil inside 55 gallon drums. Hal informed me they are working on secondary containment. They are working with Debbie Hayes, whom now works for CPI.
3. Shredded scrap is stored in their respectful areas according to the type of metal. Scrap is then loaded into railcars & trucks to be processed at steel mills.

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11610 S Green Bay Ward: 10 Zipcode: 60617 Police: 04 LPC:

4. Site processes incoming scrap with a shredder, shaker tables & a caustic tumble drum cleaner.

I requested them to clean / dig out the oil saturated debris from between the railroad tracks. Hal assured me this will be done. I will monitor this site for compliance.

ENFORCEMENT

11610 S Green Bay COMPLIANTS:0 INSPECTIONS:2 ENFORCEMENT:0

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

11628 S Green Ward: 34 Zipcode: 60643 Police: 05 LPC:

COMPLAINTS

Recieved: 2/28/1994 12:57 PM	Taken By: CV	EScode: 23 - Contaminated Soil
Site Name:		Handled By 18 Olivier, Brian
Ticket No:	Court Date:	
Comments: Semi-trailer, junk vehicles leaking fluids onto soil.		

**INSPECTIONS
ENFORCEMENT**

11628 S Green COMPLIANTS:1 INSPECTIONS:0 ENFORCEMENT:0

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 751-53 W 115TH ST LAST KNOWN SITE NAME: SEE 11501-17 S HALSTED

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
8/23/1994	N/G	SEE 11501-17 S HALSTED	N/G

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 809 W 115TH ST LAST KNOWN SITE NAME: STANDARD OIL

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
2/9/1979	557200	INSTALL 3-10K F.O.	SHEFFIELD TANK

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

833 W 115TH ST Ward: 34 Zipcode: 60643 Police: 05 LPC:

**COMPLAINTS
INSPECTIONS**

Inspection: 5/18/2004 Time: PM 03:15 Type: A9A - Renovation/NESHAPS
By: 85 ,Kay Name of Site:
Comments:

Inspection: 6/4/2004 Time: PM 01:10 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: Demo no activity.

Inspection: 6/8/2004 Time: AM 08:45 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: Demo no activity.

Inspection: 6/14/2004 Time: PM 02:00 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: Demo no activity. 100% grade level.

ENFORCEMENT

833 W 115TH ST COMPLIANTS: 0 INSPECTIONS: 4 ENFORCEMENT: 0

FREEDOM OF INFORMATION REPORT
Department of Environment
Demo/Renovation/NESHAP Notification

833 W 115TH ST SITE NAME: Old CHA Haedquarters ZIP: 60604 WARD:
DEMO TYPE: (NA) NESHAP Renovation Asbestos
RECIEVED: 4/28/2004 BEGIN: 5/12/2004 ESTIMATED COMPLETION: 5/28/2004 ACTUAL COMPLETION:
BUILDING LENGTH: 0 BUILDING WIDTH: 0 BUILDING HEIGHT: 0
RACM PIPE (LF): 0 RACM SURFACE AREA (SF): 27958 RACM VOLUME (CF): 0

OWNER: 115Th L.L.C 141 W Jackson Chicago, IL 60604

CONTRACTOR: (CH03) Champion Environmental Services,Inc. 38 W. End Drive Gilberts, IL. 60136

SITE COMMENTS:

INSPECTION	INSPECTOR	INSPECTION COMMENT
05/18/04	85	
06/04/04	85	Demo no activity.
06/08/04	85	Demo no activity.
06/14/04	85	Demo no activity. 100% grade level.

**Underground Storage Tank FREEDOM OF INFORMATION AS OF
Friday, May 07, 2010**

FACILITY: CHA WAREHOUSE
833 W 115TH ST
CHICAGO, IL 60643 WARD: 34
CONTACT: PHONE:

Facility ID: 2026770 IEMA Number: 0

Owner: CHICAGO HOUSING AUTHORITY
833 W.115TH STREET
CHICAGO IL 60643
CONTACT: PHONE:

TANK	STATUS	SIZE	Material in Tank	Install Date	Date Tank Last Used
1	REMOVED 11/01/91	550	Used oil		

PERMIT	TYPE	ISSUED	COMPLETED	INSPECTED	CONTRACTOR & COMMENTS

Comment Date	Comments
8/1/1991	REMOVED

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: **833 W 115TH ST** LAST KNOWN SITE NAME: **CHICAGO HOUSING AUTHORITY**

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
11/23/1986	675050	INSTALL 1-550G STIP-3 W.O. STEEL	STRIKE FORCE PLUMBING & HT
8/1/1991	742349	REMOVE 1-550G W.O. TANK	R. W. COLLINS

**DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT**

851 W 115TH ST Ward: 34 Zipcode: 60643 Police: 05 LPC:

**COMPLAINTS
INSPECTIONS**

Inspection: 5/25/2007 Time: AM 10:25 Type: A3 - Air/Odor

By: 130 ,Lipman Name of Site: Ledcor Construction

Comments: Inspector Lipman responded to a complaint regarding dust blowing from the construction site located at 851 W 115th Street. Upon arrival I observed the site was lacking perimeter fencing and mesh in several areas. I then monitored for any dust blowing from the site. No dust was observed blowing off site during my inspection.

I spoke with Marek Powel of Ledcor Construction and advised him of the complaint and instructed him that the site needed to be completely enclosed with fencing and mesh. I also advised Powel to use dust suppression techniques so that any dust generated does not leave the site. Citations found in appendix B of this report were issued to Powel with Ledcor Construction named as the respondent.

Inspection: 6/7/2007 Time: AM 10:10 Type: A8 - Site Assesment

By: 130 ,Lipman Name of Site: Ledcor Construction

Comments: Inspector Lipman followed up a previous inspection involving lack of fencing and mesh a at the new construction site located at 851 W 115th Street. Citations were issued during a previous inspection for violation of the clean construction site ordinance. During this inspection improvements had been made to the site's perimeter fence. However some areas still lacked fencing. I contacted Mark Pawelic of Ledcor Construction who was not on site at the time of the inspection. I instructed Pawelic that further improvements were necessary.

ENFORCEMENT

Enforcement Date: 5/25/2007 Enforcement Type:ADM - Adminsitrative Hearings

Company: Ledcor Construction Served: Powelic Marek

Mail Address: 250 Black Moun San Diego, Ca 92126

Issued By: 130 ,Lipman

1st Court Date: 7/12/2007

Last Court Date:

Total Hearings:

Disposition: AH VAO - CLOSED

Fine: \$200.00

Comments:

TICKET	DOCKET	CHARGE	DESCRIPTION	LIABLE
000008209	07DE000666	13-32-125 (2a)	Construction Cleanliness Enclosed/linked fence 6f	L
000008209	07DE000666	7-28-080	Nuisance in relation to work	N

851 W 115TH ST

COMPLIANTS:0

INSPECTIONS:2

ENFORCEMENT:1

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

901 W 115TH ST Ward: 34 Zipcode: 60643 Police: 05 LPC:

**COMPLAINTS
INSPECTIONS**

Inspection: 6/4/2004 Time: PM 01:10 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: Demo in progress. 50% down.

Inspection: 6/8/2004 Time: AM 08:45 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: 100% grade level.

Inspection: 6/10/2004 Time: AM 11:20 Type: A7A - UST Removal
By: 30 ,Garcia M (133 11/06) Name of Site:
Comments:

Inspection: 6/14/2004 Time: PM 02:00 Type: A9 - Demo/NESHAPS
By: 85 ,Kay Name of Site: Demo Site
Comments: Demo completed.

ENFORCEMENT

901 W 115TH ST COMPLIANTS:0 INSPECTIONS:4 ENFORCEMENT:0

**Underground Storage Tank FREEDOM OF INFORMATION AS OF
Friday, May 07, 2010**

<p>FACILITY: FORMER CHA WARE HOUSE 901 W 115TH ST CHICAGO, IL 60628 WARD: 34 CONTACT: MR RICK THOMAS PHONE: (708) 206-0007</p> <p>Owner: PREKERRED DEVELOPMENT 141 W JACKSON BLVD. CHICAGO IL 60604 CONTACT: MR TOM MORABITO PHONE: (312) 987-1530</p>	<p>Facility ID: 2042212 IEMA Number: 0</p>
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TANK	STATUS	SIZE	Material in Tank	Install Date	Date Tank Last Used
1	To Be Removed	3000	Heating Oil		12/31/1973

PERMIT	TYPE	ISSUED	COMPLETED	INSPECTED	CONTRACTOR & COMMENTS
107965	REMOVE	05/05/04			CHALLENGE CONTRACTORS INC

Comment Date	Comments

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 901 W 115TH ST LAST KNOWN SITE NAME: WILTON ENTERPRISES

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
10/7/1953	452915	INSPECT 1-4K S & L NAPTHA	OWNER
2/8/1973	472495	REMOVE 1-4K GAS	BRANDENBURG DEMOLITION

DEPARTMENT OF ENVIRONMENT
COMPLAINTS / INSPECTION / ENFORCEMENT
FREEDOM OF INFORMATION REPORT

915 W 115TH ST Ward: 34 Zipcode: 60643 Police: 05 LPC:

COMPLAINTS
INSPECTIONS

Inspection: 6/24/2004 Time: AM 08:10 Type: A9 - Demo/NESHAPS By: 85 , Kay Name of Site: Demo Site Comments: Demo no activity. 100% grade level.
--

ENFORCEMENT

915 W 115TH ST COMPLIANTS:0 INSPECTIONS:1 ENFORCEMENT:0

**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK
PRIOR TO 1/1/1993**

ADDRESS: 915 W 115TH ST LAST KNOWN SITE NAME: STANDARD OIL

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
5/22/1959	260065	CONVERT 1-4K NAPTHA TO KEROSENE	OWNER

LUST Incidents

FID	12499	13449	14338	23200
INCIDENT	920332	921830	923184	990250
BL_ID	316755040	316755035	316545010	316495058
US_ID	ILD984852525	ILD984839035	ILD984923177	
TF_ID				
FIPS_CODE	31	31	31	31
NAME	First Cook Comm. Bank	Chicago Housing Authority	Amoco Oil Co. #5954	Equilon Enterprises LLC
STREET	11453 South Halsted St.	833 West 115th St.	11500 South Halsted	11501 Halsted St.
PO_BOX				
CITY	Chicago	Chicago	Chicago	Chicago
STATE	IL	IL	IL	IL
ZIP	60643	60643	60628	60628
PHONE	7737612700	3127918444	6308366374	6305725727
CONTACT	ADAM EPSTEIN	ANDY RODRIGUEZ	LYLE BRUCE	JOHN ROBBINS
RTK_DTM	12/29/2005	12/29/2005	12/29/2005	12/29/2005
RTK_STATUS	Not Reviewed	Not Reviewed	Not Reviewed	Not Reviewed
FIPS	31	31	31	31
COUNTY	Cook	Cook	Cook	Cook
REGION	2	2	2	2
REGIONNAME	Maywood	Maywood	Maywood	Maywood
LATITUDE	41.68592	41.68503	41.68507	41.68493
LONGITUDE	-87.64192	-87.64299	-87.64214	-87.64225
METHOD_COD				1
UPDATED				3/5/2008

Air, Water, Waste...

Program Systems

Clear

Select a program system to map:

- Air Emissions (AIRS/AFS) (2)
- Superfund Sites (CERCLIS) (0)
- Toxic Releases (TRI) (0)
- Hazardous Waste (RCRAInfo) (7)
- Water Dischargers (PCS) (0)
- Brownfields (ACRES) (0)
- Biennial Reporting (BR) (0)
- RADInfo (0)

View:

- All
- 20 per page

Single facility

Facility cluster

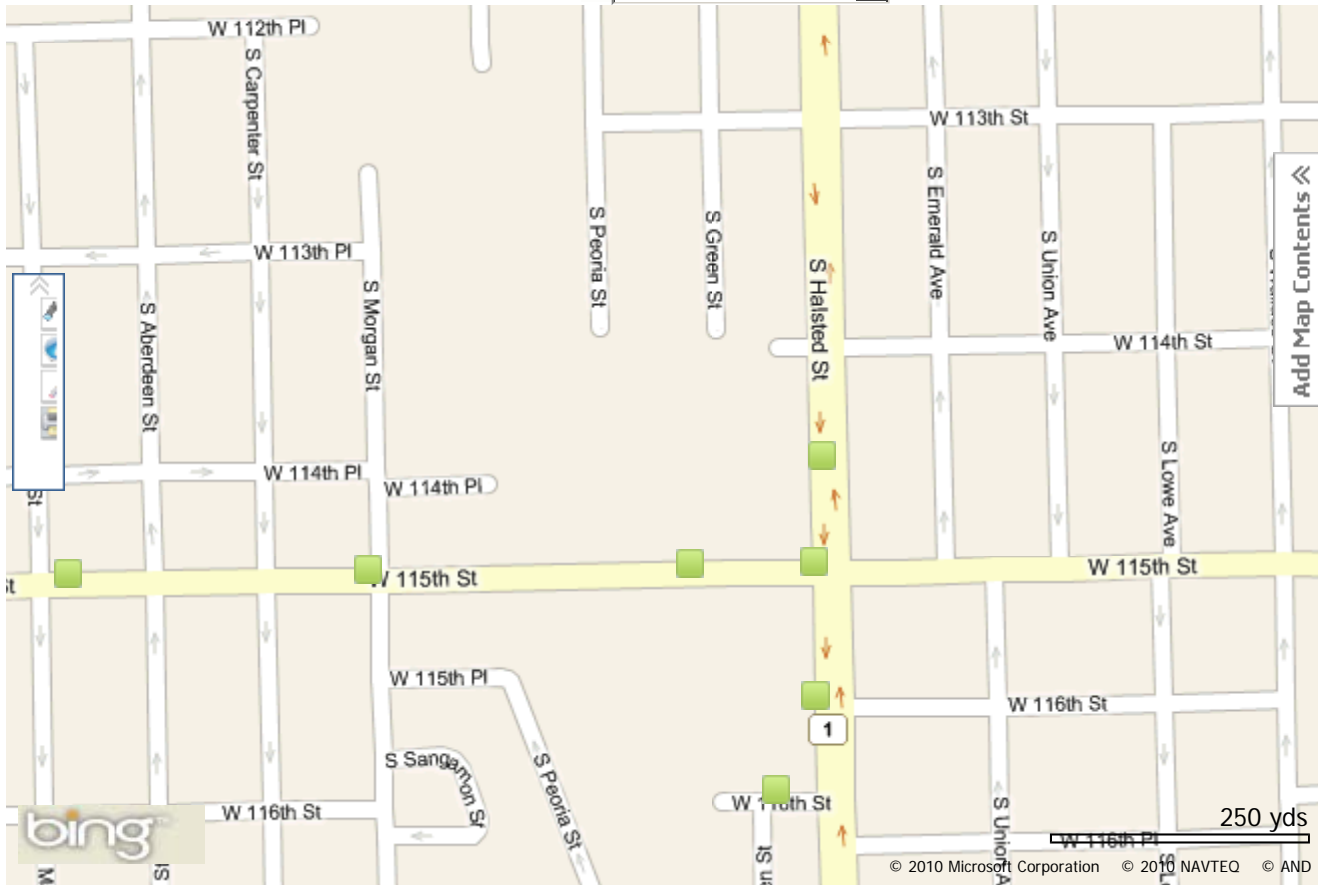
Chemicals

Industry

Search Place: 60628, IL

Search on map

Enter facility name



Add Map Contents

- Shapefile
- Spreadsheet
- GeoRSS
- KML
- Metadata
- Where Can I Get the Data?



Facility Registry System (FRS)

http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility
 Last updated on Tuesday, May 04, 2010

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) [Report](#)



Facility Detail Report



FRS

CHICAGO HOSUING AUTHORITY

833 W 115TH ST
 CHICAGO, IL 60643
 EPA Registry Id: 110005898662



Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	ILD984839035	SQG (ACTIVE)	NOTIFICATION (RCRA)	09/15/2000	

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	05
Duns Number:	062027797
Congressional District Number:	02
Legislative District Number:	
HUC Code/Watershed:	07120003 / CHICAGO
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
REGULATORY CONTACT	22 W MADISON ST RM 221	CHICAGO	IL	60602	RCRAINFO
FACILITY MAILING ADDRESS	22 W MADISON ST RM 221	CHICAGO	IL	60602	RCRAINFO
OWNER	22 W MADISON STE 400	CHICAGO	IL	60602	RCRAINFO

Alternative Names

No Alternative Names returned.

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	EVON PARKS	3127918500	RCRAINFO	View

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	CHICAGO HOUSING AUTHORITY		RCRAINFO	View

Query executed on: MAY-04-2010



Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) [Report](#)



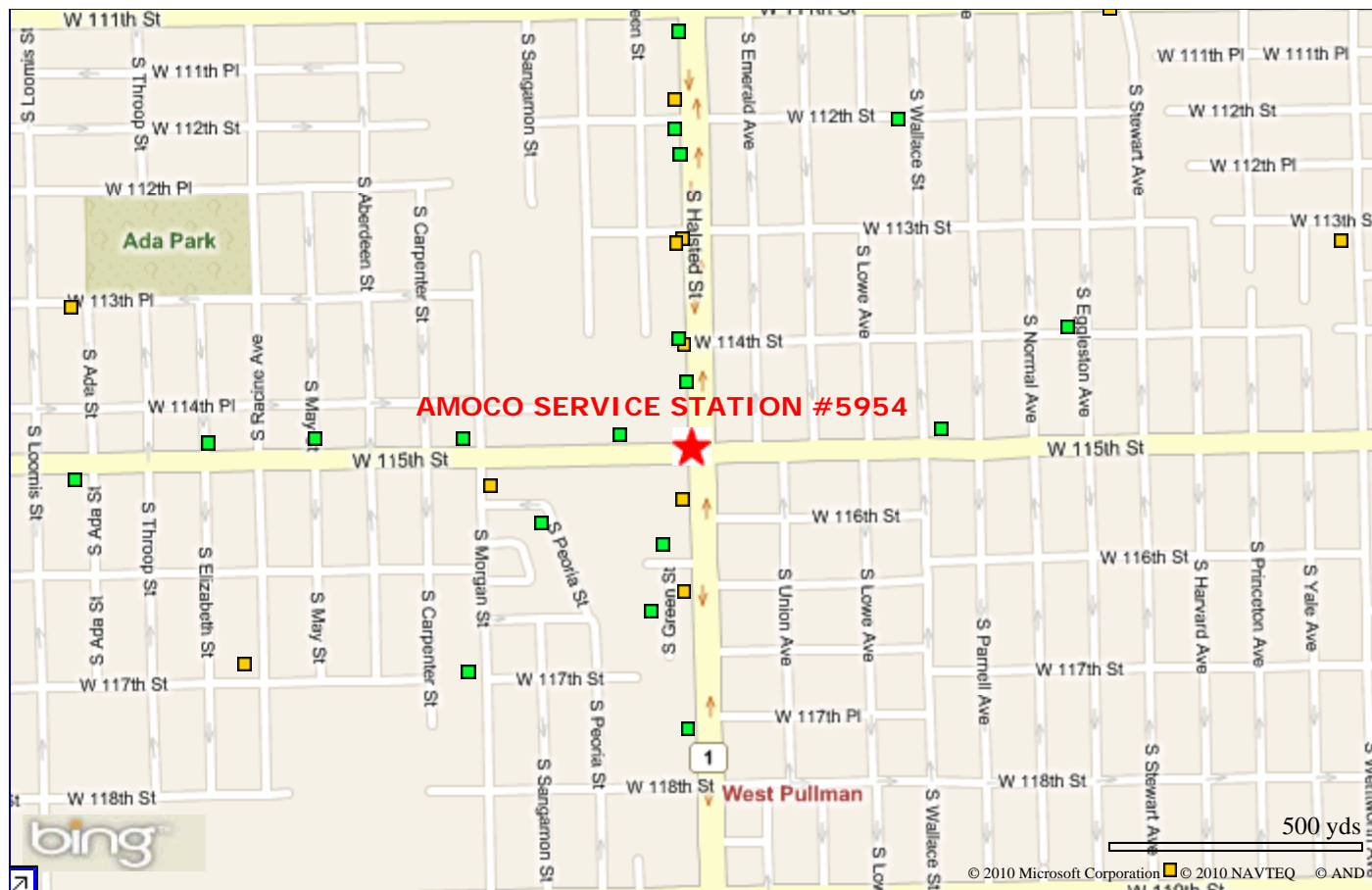
Facility Detail Report



FRS

AMOCO SERVICE STATION #5954

11500 S HALSTED
CHICAGO, IL 60628
EPA Registry Id: 110005928345



Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environment Interests:
AGENCY COMPLIANCE AND ENFORCEMENT SYSTEMS	170000062973	STATE MASTER	ACES		-031600GKT AIR PROGRAM -0316545010 HAZARDOUS WASTE PROGRA -0316545010 SOLID WASTE PROGRAM -0316545010 REFUSE DISPOSAL
AIR FACILITY SYSTEM	1703105188	AIR MINOR (INACTIVE)	AIRS/AFS	11/19/2008	
NATIONAL EMISSIONS INVENTORY	NEI2IL600GKT	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	NEI		
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	ILD984923177	UNSPECIFIED UNIVERSE (INACTIVE)	RCRAINFO	07/13/2007	

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
NEI	5541	GASOLINE SERVICE STATIONS	
AIRS/AFS	5541	GASOLINE SERVICE STATIONS	

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
NEI	447190	OTHER GASOLINE STATIONS.	
AIRS/AFS	447190	OTHER GASOLINE STATIONS.	

Facility Codes and Flags

EPA Region:	05
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code/Watershed:	07120003 / CHICAGO
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
FACILITY MAILING ADDRESS	2021 SPRING RD 400	OAK BROOK	IL	60521	RCRAINFO
FACILITY MAILING ADDRESS	17500 W LIBERTY LN STE A	NEW BERLIN	WI	53146	AIRS/AFS

Alternative Names

Alternative Name	Source of Data
DELTA ENVIRONMENTAL CONSULTANTS INC	AIRS/AFS
AMOCO 5954	RCRAINFO

Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	LINDA CURRAN	7089901043	RCRAINFO	

Organizations

No Organizations returned.

Query executed on: MAY-11-2010



Facility Registry System (FRS)

You are here: [EPA Home](#) [Envirofacts](#) [FRS](#) Report



FRS

Facility Detail Report



QUALITY MUFFLER

11453 S HALSTED
CHICAGO, IL 60628
EPA Registry Id: 110005906742



Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	ILD984852525	SQG (ACTIVE)	NOTIFICATION (RCRA)	09/15/2000	

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	05
Duns Number:	
Congressional District Number:	02
Legislative District Number:	
HUC Code/Watershed:	07120003 / CHICAGO
US Mexico Border Indicator:	NO
Federal Facility:	
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OWNER	2720 W DEVON	CHICAGO	IL	60659	RCRAINFO
FACILITY MAILING ADDRESS	2720 W DEVON	CHICAGO	IL	60659	RCRAINFO
REGULATORY CONTACT	2720 W DEVON	CHICAGO	IL	60659	RCRAINFO

Alternative Names

No Alternative Names returned.

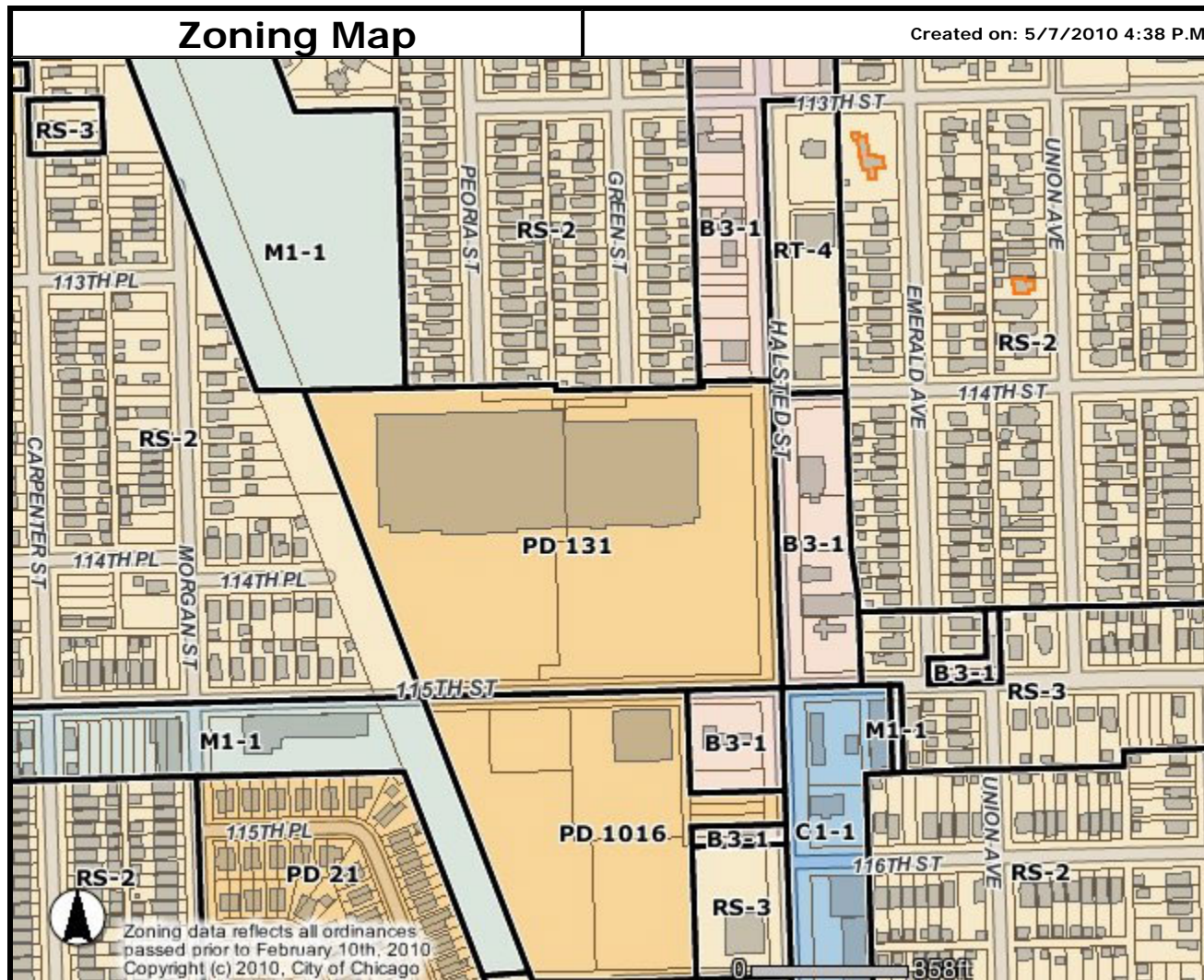
Contacts

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
REGULATORY CONTACT	ADAM EPSTEIN	3127612700	RCRAINFO	View

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	FIRST COOK COMMUNITY BANK		RCRAINFO	View

Query executed on: MAY-11-2010



Zoning	Historic Preservation	Lakefront
Business	CHICAGO LANDMARKS	Pedestrian Streets
Commercial	Chicago Landmarks	Buildings
Manufacturing	Landmark Districts	Parcels
Residential	Chicago Historic Resources Survey - Buildings subject to Demolition-Delay Ordinance	Streets
Planned Development	Red	Water
Planned Manufacturing	Orange	Cemetery
Downtown Core	Forest Preserve	City Boundary
Downtown Service	Text Street Names	
Downtown Mixed	Municipalities	
Downtown Residential		
Transportation		
Parks & Open Space		
Zoning Boundaries		

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Jewel - Osco

Memorandum

DATE: October 22, 1998

TO: JFS / ADS General Managers
11414 S. Halsted Street, Chicago, IL

FROM: Jewel - Osco Safety Department

RE: Construction Safety Advisory

Beginning on or about *11/02/98*, we will begin a tile removal project (3,600 sq ft) at your location which is expected to take several days to complete. Prior to the onset of construction, you will be contacted by American Stores Properties, Inc. (ASPI) construction division to discuss the procedures and scope of the project. The removal may entail the use of certain chemicals by our vendors or construction contractors which are not normally used during routine store operations. Examples of various chemicals which may be used might include solvents and mastics to remove and replace floor tiles, interior paints, laminates to refurbish checkstands, and other related materials.

Please be assured that all contractors working on behalf of Jewel Food Stores, Osco Drug Stores, and ASPI are required to utilize safe work practices during the remodel to ensure the safety of all store employees, our customers, and their own personnel. Contractors are directed to utilize work practices that are in full compliance with the U. S. Department of Labor and Occupational Safety and Health Administration (OSHA) standards. Contractors working on our behalf are required to:

1. Have reviewed and followed recommendations on the Material Safety Data Sheet (MSDS) for the products used;
2. Have the MSDS's readily available at the job site;
3. Take all necessary precautions to handle the chemical(s) in as safe a manner as possible;
4. Ensure that the chemical used does not violate any federal, state, or local requirements.

The potential for unacceptable exposure to chemicals is thought to be extremely low provided the application by the contractor is in accordance with the MSDS. If you or your associates have any questions about the work being performed, please consult with your Chicagoland Jewel - Osco Safety Manager:

Mark Killeen 708-531-6914

JEWEL - OSCO

TABLE 1 {PRIVATE}
SUMMARY OF ACM SURVEY RESULTS

Subsidiary: Jewel/Osco ASPI Project #: ACM-5391

Store #: 01-11414/18-16

Page: 1 of 4

Building Name: Jewel/Osco

Location: 11414 South Halsted

Street

Consultant Project #: 70400-032-01

Chicago, Illinois

PRIVATE } Material & Location	# of Samples		Material Type	E/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: 12" x 12" white with tan streaks vinyl floor tile and mastic Jewel and Osco Retail Floor	3	3	M	NF	Good	Tile: ND Mastic: ND	50,920 ft ²
	Collected	Analyzed					
Material: 12" x 12" Red vinyl floor tile and mastic Jewel and Osco Retail Floor	3	3	M	NF	Good	Tile: ND Mastic: ND	200 ft ²
	Collected	Analyzed					
Material: Mastic underlying 12" x 12" white/beige with green streaks vinyl floor tile Jewel Mezzanine	3	3	M	NF	Good	Tile: ND Mastic: 1-5%	3,660 ft ²
	Collected	Analyzed					
Material:							

HALSTED T01

July 14, 1995

SECOR Job No. 70400-032-01

TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS

Subsidiary: Jewel/Osco
 Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 2 of 4
 Building Name: Jewel/Osco
 Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

{PRIVATE} Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
2' X 4' white ceiling tile Jewel Mezzanine Jewel Retail Floor	2	2	M	F	Good	ND	10,860 ft ²
	1	1					
Material: Black basecoat and glue Jewel Mezzanine Osco Retail Floor	2	2	M	NF	Good	ND	1,820 ln. ft
	1	1					
Material: Brown basecoat and glue Jewel Mezzanine	3	3	M	NF	Good	ND	50 ln. ft
	Collected	Analyzed					
Material: Drywall Jewel Mezzanine Jewel Back Room Osco Back Room	1	1	M	NF	Good	ND	15,000 ft ²
	1	1					
	1	1					
	1	1					
Material:	Collected	Analyzed					

HALSTED.T01

July 14, 1995

SECOR Job No. 70400-032-01

**TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS**

ASPI Project #: ACM-5391

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

Page: 3 of 4
Building Name: Jewel/Osco
Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

PRIVATE Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
Joint Compound/Tape Osco Back Room Jewel Back Room	2	2	S	NF	Good	ND	15,000 ft ²
	1	1					
Material: Drywall and joint compound Jewel Back Room Osco Back Room	2	2	M/S	NF	Good	ND	15,000 ft ²
	1	1					
Material: White hard elbow Jewel Back Room Osco Back Room	2	2	TSI	F	Fair/Poor	ND	75 Elbows/ T-Joints
	1	1					

Legend:

S: Surfacing Materials - spray or trowel applied to building members

TSI: Thermal System Insulation - materials generally applied to various mechanical systems

M: Miscellaneous Materials - any material which does not fit either of the above categories

HALSTED.T01

July 14, 1995

SECOR Job No. 70400-032-01

01-11414/18-16

1.0 SURVEY SUMMARY INFORMATION

Store Information:

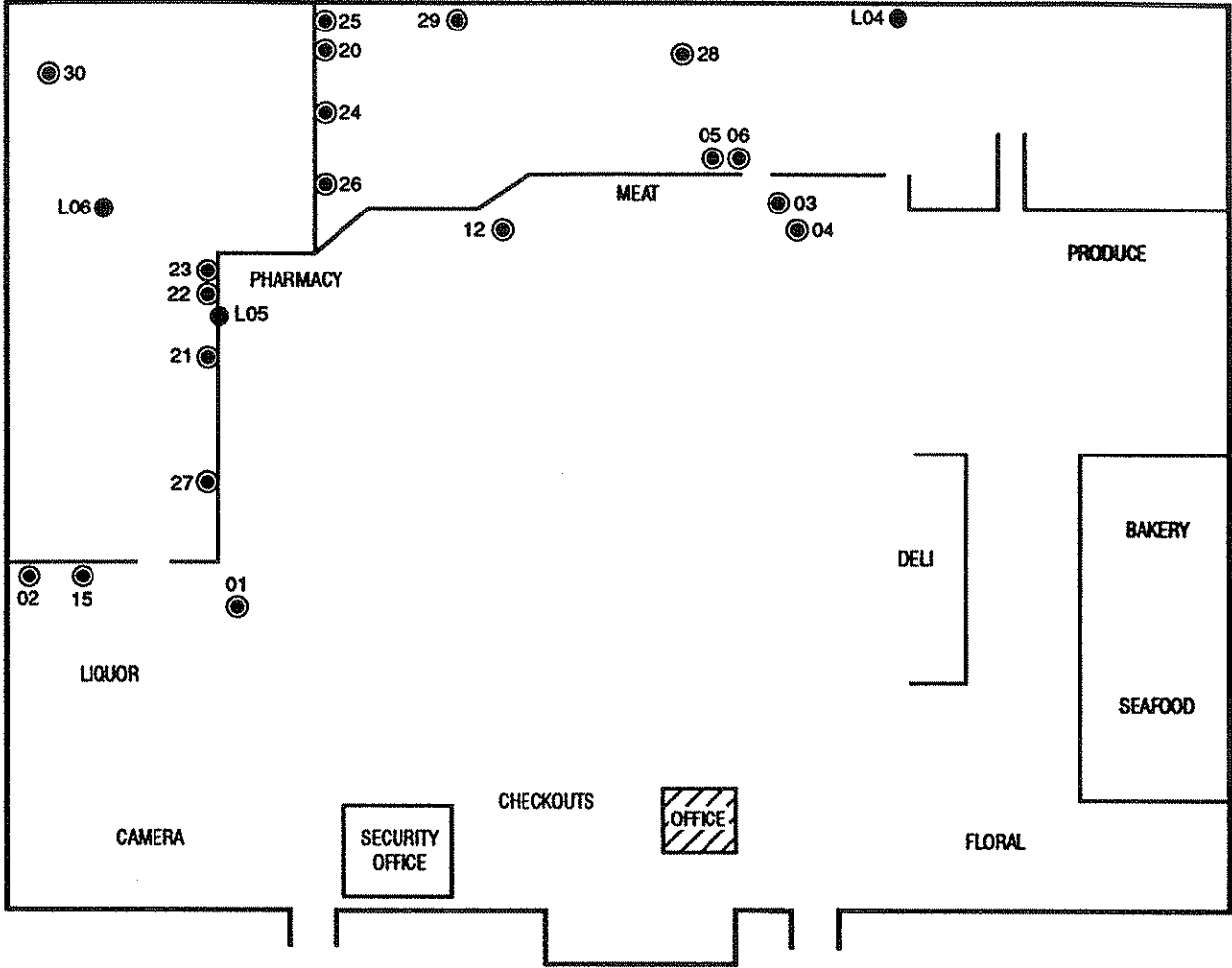
Store #: Jewel/Osco #01-11414/18-16

Address: 11414 South Halsted Street
 City, State: Chicago, Illinois

Date of Construction: 1965-1970

Area Surveyed (sq. ft.): 67,852

ACM	LEAD
Survey Date: <u>June 13, 1995</u> By Whom: <u>SECOR</u> Firm <u>Keith Kilcoin</u> Inspector	Survey Date: <u>June 13, 1995</u> By Whom: <u>SECOR</u> Firm <u>Keith Kilcoin</u> Inspector
<p>Results: (Additional detail provided in Table 1)</p> Number of samples collected: <u>30</u> Number of ACM samples tested positive: <u>3</u> Was friable ACM found? Y/N: <u>No</u> Were roofing materials sampled? <u>No</u> Are there unique state or local requirements? <u>Yes</u> (if yes, see Section 7)	<p>Results:</p> Number of Colorimetric Swab samples taken <u>6</u> Number of Swabs testing positive <u>0</u> Number of paint samples analyzed <u>0</u>
<p>Laboratory utilized:</p> Name: <u>Forensic Analytical Specialists, Inc.</u> Address: <u>3777 Depot Road</u> <u>Hayward, California</u>	<p>Was laboratory utilized? If so:</p> Name: <u>No</u> Address: <u>NA</u>
<p>Limitations (if any):</p>	<p>Limitations (if any): No lead</p>
<p>Comments:</p> No suspect asbestos-containing electrical wiring was observed in accessible areas of the facility.	<p>Comments:</p> Lead based paint sampling was conducted on walls, door frames, beams, hand rails and posts.



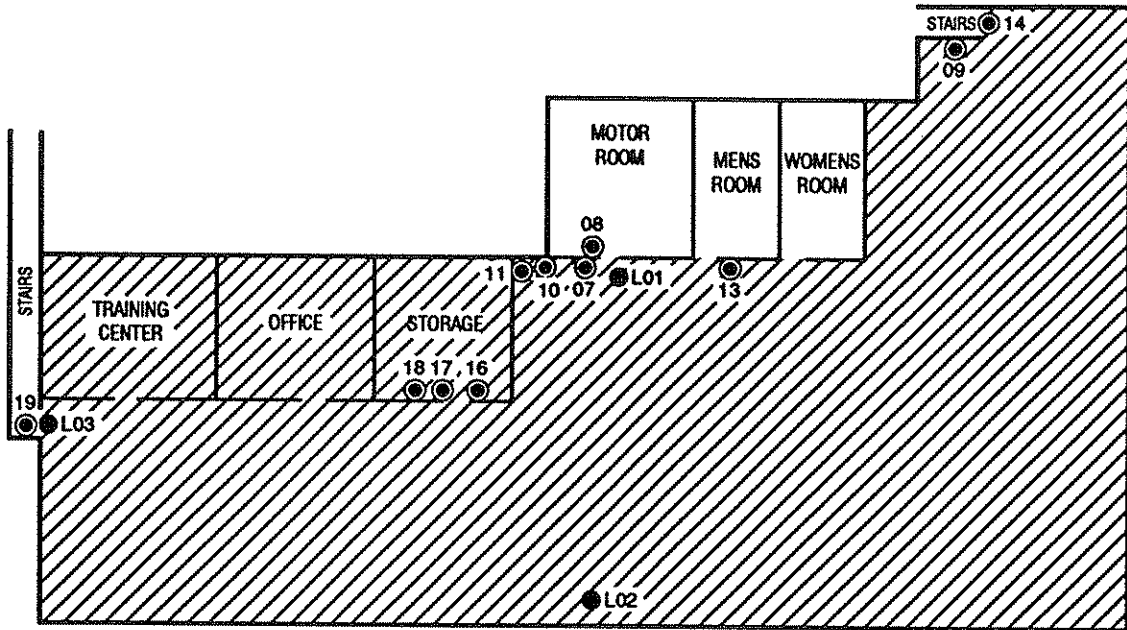
MAIN FLOOR PLAN

N
 NOT TO SCALE

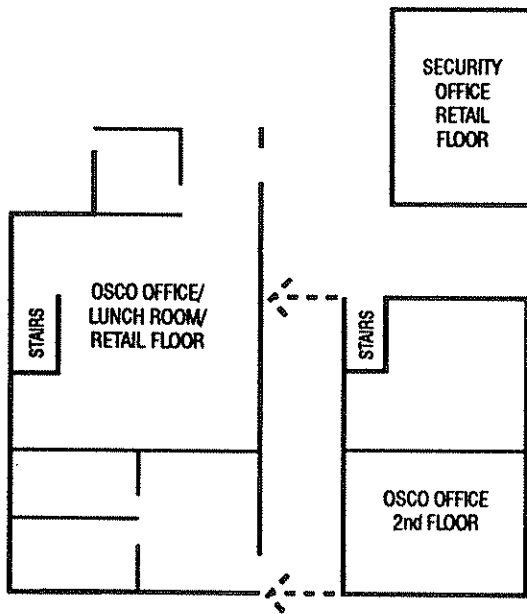
LEGEND

- BUILDING OUTLINE
- 06 ● ASBESTOS SAMPLE LOCATION AND NUMBER (AS-CH-06)
- L06 ● LEAD PAINT SAMPLE LOCATION AND NUMBER
- ▨ MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 1	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV. DATE: 7/5/95	CLIENT: AMERICAN STORES PROPERTIES, INC.	TITLE: ASBESTOS SAMPLE LOCATIONS JEWEL/OSCO - MAIN FLOOR 11414 SOUTH HALSTEAD AVENUE CHICAGO, IL	
FILE NAME: ScrASPI11414ChicagoSm1				



JEWEL MEZZANINE FLOOR PLAN



OSCO MEZZANINE FLOOR PLAN



NOT TO SCALE

LEGEND

- BUILDING OUTLINE
- 16 ● ASBESTOS SAMPLE LOCATION AND NUMBER (AS-CH-16)
- L02 ● LEAD PAINT SAMPLE LOCATION AND NUMBER
- ▨ MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 2	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV DATE: 6/30, 7/5/95	CLIENT: AMERICAN STORES PROPERTIES, INC.	TITLE: ASBESTOS SAMPLE LOCATIONS JEWEL/OSCO - MEZZANINE FLOOR PLANS 11414 SOUTH HALSTEAD AVENUE CHICAGO, IL	
FILE NAME: ScrASPI11414ChcagoSm2				

**TABLE 1
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 1 of 4

Building Name: Jewel/Osco
Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: 12" x 12" white with tan streaks vinyl floor tile and mastic Jewel and Osco Retail Floor	3	3	M	NF	Good	Tile: ND Mastic: ND	50,920 ft ²
Material: 12" x 12" Red vinyl floor tile and mastic Jewel and Osco Retail Floor	3	3	M	NF	Good	Tile: ND Mastic: ND	200 ft ²
Material: Mastic underlying 12" x 12" white/beige with green streaks vinyl floor tile Jewel Mezzanine	3	3	M	NF	Good	Tile: ND Mastic: 1-5%	3,660 ft ²

TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

Consultant Project #: 70400-032-01

ASPI Project #: ACM-5391

Page: 2 of 4

Building Name: Jewel/Osco
Location: 11414 South Halsted Street
Chicago, Illinois

Material & Location	# of Samples		Material Type	E/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: 2' X 4' white ceiling tile Jewel Mezzanine Jewel Retail Floor	2	2	M	F	Good	ND	10,860 ft ²
	1	1					
Material: Black basecove and glue Jewel Mezzanine Osco Retail Floor	2	2	M	NF	Good	ND	1,820 ln. ft
	1	1					
Material: Brown basecove and glue Jewel Mezzanine	3	3	M	NF	Good	ND	50 ln. ft

TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS

Subsidiary: Jewel/Osco
 Store #: 01-11414/18-16

Consultant Project #: 70400-032-01

ASPI Project #: ACM-5391

Page: 3 of 4

Building Name: Jewel/Osco

Location: 11414 South Halsted Street
Chicago, Illinois

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: Drywall Jewel Mezzanine Jewel Back Room Osco Back Room	1	1	M	NF	Good	ND	15,000 ft ²
	1	1					
	1	1					
Material: Joint Compound/Tape Osco Back Room Jewel Back Room	2	2	S	NF	Good	ND	15,000 ft ²
	1	1					
	Collected	Analyzed					
Material: Drywall and joint compound Jewel Back Room Osco Back Room	2	2	M/S	NF	Good	ND	15,000 ft ²
	1	1					
	Collected	Analyzed					

**TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

Consultant Project #: 70400-032-01

ASPI Project #: ACM-5391

Page: 4 of 4

Building Name: Jewel/Osco
Location: 11414 South Halsted Street
Chicago, Illinois

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: White hard elbow Jewel Back Room Osco Back Room	2	2	TSI	F	Fair/Poor	ND	75 Elbows/ T-Joints
	1	1					

Legend:

- S: Surfacing Materials - spray or trowel applied to building members
- TSI: Thermal System Insulation - materials generally applied to various mechanical systems
- M: Miscellaneous Materials - any material which does not fit either of the above categories

TABLE 2
SUMMARY OF LEAD BASED PAINT SURVEYS RESULTS

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 1 of 1
Building Name: Jewel/Osco
Location: 11414 South Halsted Avenue
Chicago, Illinois

Consultant Project #: 70400-032-01

Location	Sample #	Description	Swab Test Positive? Y/N	Paint Analyzed By Lab	Lab Results (% by weight)	Total Quantity Requiring Special Handling
Jewel Mezzanine - Door Frame	L01	Beige Paint	N	No		
Jewel Mezzanine - Post	L02	Beige Paint	N	No		
Jewel Mezzanine - Hand Rail	L03	Green Paint	N	No		
Osco Back Room - Beam	L04	Brown Paint	N	No		
Osco Back Room - Door Frame	L05	Beige Paint	N	No		
Osco Back Room - Beam	L06	Gray Paint	N	No		

ANTICIPATED ABATEMENT COST SCHEDULE

The table below represents estimated contractor and consultant costs as calculated using standard unit prices developed by SECOR. Please refer to Section 4.9 Removal Budget Estimate Methodology for a more detailed explanation of removal costs.

Asbestos Containing Material	Suite/Building Names				Total SF/LF	Unit Cost For Removal	Removal Cost
	Retail floor	Backrooms, storage	Mezzanine, storage	2nd Level office area			
Mastic underlying 12-inch by 12-inch white/beige with green streaks floor tile	X		X	X	3,660 ft ² *	\$3/ft ²	\$10,980

X = Indicates material which analyzed positive for asbestos.

* Note: The cost for removing floor tile that is non-detect and the mastic contains 1-5% chrysotile asbestos is the same for floor tile that contains 1-5% chrysotile asbestos and the mastic contains 10-15% chrysotile asbestos because in most cases asbestos mastic is adhered to the bottom of the non-detect floor tile, thus, the floor tile and mastic must be classified as asbestos waste. Additionally, the floor tile must be abated first in order to properly abate the underlying mastic.

ACM ABATEMENT CLOSURE REPORT

ACM ABATEMENT CLOSURE REPORT

TABLE OF CONTENTS

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Asbestos-Containing Material Location Map	II
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SECTION I
EXECUTIVE SUMMARY

ACM ABATEMENT CLOSURE REPORT

Executive Summary

Project Name: Removal of floor tile and mastic in support of
the renovation of the building

Project Location : Jewel / Osco Food Store
14114 South Halsted
Chicago, Illinois

ASPI Project Number: 01-11414 / 18-00016

Hygieneering, Inc. Project Number: 98-5419-E

Client: American Stores Properties, Inc.
ASPI Project Manager: George Richter

Consultant: Hygieneering, Inc.
7575 Plaza Court
Willowbrook, Illinois 60521
Phone: (630) 654-2550

Senior Project Manager: Nelson Gray

Onsite Project Manager(s): Rich Zych, Rocco DiPentino, Geoff Pyka and
Dennis Rumshas

Abatement Contractor: Universal Asbestos Removal

On-site Supervisor (s): Mike Allen, Tom Wokurka, Robert Oden,
Chuck Harris and Jeff Radanovich

Crew Size: 1-2

Project Dates: 11-1/2-98 - 11-5/6-98, 11-8/9-98, 11-23/24-98,
11-30-98 / 12/1-98, 12-3/4-98, 12-7/8-98,
12/14/15-98,
1-3/4-98 and 1-11/12-98

Project Discussion:

The asbestos abatement was performed in response to a major remodel of the building. 61,020 sq. ft. of floor tile and mastic and was removed from the Jewel / Osco retail floor and 3,660 sq. ft. of floor tile and ACM mastic was removed from the Jewel mezzanine as asbestos containing materials. The work was performed by an Illinois licensed and certified abatement contractor. All work was performed in accordance with local, state and federal regulations.

SECTION II

**ASBESTOS-CONTAINING MATERIAL(S)
LOCATION MAP**

E2-A CLOSEOUT REPORT

**PROJECT SUMMARY
E2-A FORM WITH TABLE
LOCATION MAP
AIR MONITORING RESULTS
COMPLETED WASTE MANIFEST(S)
CONTRACTOR'S AND CONSULTANT'S COMPLETION CERTIFICATE
COPY - WORK AUTHORIZATION/CHANGE ORDERS
COMPLETED NOTIFICATION FORMS SUBMITTED
ACM DATABASE UPDATE BY ASPI ENVIRONMENTAL**

PROJECT SUMMARY

E2-A FORM WITH TABLE

ACM ABATEMENT INFORMATION, Form No. E2-A

Store Information:

Store #: 01-11414 / 18-00016
Address: 11414 South Halsted

Store Manager: Uyles Myles
City, State, Zip: Chicago, Illinois

Abatement Information:

Completion Date: 1/99
(Month, Year)

By: Hygieneering, Inc. Firm
Nelson Gray Contact Person

Table with 4 columns: Project Personnel (as applicable), Name, Title, Affiliation. Rows include ASPI Contact (George Richter), Consultant Sr. Proj. Mgr. (Nelson Gray), and Other (Contractor) (Pat Connolly).

Were all ACM materials abated according to the survey provided (Y/N)? Y If no, specify material type, quantity and location on the following page.

Was abatement completed in anticipation of building demolition? (Y/N) N

Utilizing Table I on the following page, identify and locate the materials removed during abatement:

Transporter(s) and Landfill(s) utilized for the disposal of ACM materials: Illinois Recycling Services, National Waste Services, TOP Disposal Services and Tri State Disposal Inc. were utilized to transport the waste off site to the Newton County Development Corporation located in Brook, Indiana and to the Community Landfill located in Morris, Illinois.

Waste Manifest Number(s): 001 - NC984622 and 1972

Closure Documentation:

To Salt Lake City Environmental Department:

- X Copy of this form
X ACM location map indicating removal location(s)
X Air Monitoring Results
X Copies of completed Waste Manifest(s)
X Contractor and Consultant's completion certificates
X Copy of work authorization/change orders for Contractor and Consultant
X Copy of completed notification forms submitted to local and/ or state regulatory agencies

Form Completion/ Document Distribution:

By: Nelson Gray Title: Environmental Services Manager Date: 1/28/99

ACM ABATEMENT INFORMATION, Form No. E2-A, Page 2

**Table I - Materials and Location of Materials Removed During Abatement
Store #: 01-11414 / 18-00016**

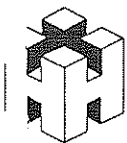
Material Abated During this Project	Abatement Method	Location of Material (Room and Coordinates)	Total Quantity/ Unit
12" x 12" white with tan streaks vinyl floor tile and mastic	Proper wet removal techniques	Jewel and Osco retail floor	61,020 sq. ft.
12" x 12" white/ beige with green streaks vinyl floor tile and mastic	Proper wet removal techniques	Jewel mezzanine	3,660 sq. ft.

**Table II - Materials and Locations of Materials Removed during Previous Abatement Projects
Store #:01-11414 / 18-00016**

Material Abated During Previous Projects	Dates of Removal	Location of Material (Room and Coordinates)	Total Quantity/ Unit
N/A	N/A	N/A	N/A

**Material and Location of Materials Remaining in store According to Survey
Store #: 01-11414 / 18-00016**

Material to be Abated	Location of Material (Room and Coordinates)	Total Quantity/ Unit
N/A	N/A	N/A



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521

(630) 654-2550 ■ FAX: (630) 789-3813

October 21, 1998

Mr. Jim Peele
American Stores Properties, Inc.
1955 W. North Avenue
Building F
Melrose Park, IL 60160

Re: Bulk Sample Analysis
Hygieneering, Inc.
Project: ASPI #01-11414, Remodel - 98-5419-E
Sample # (s): B29934 - B29936

Dear Mr. Peele:

The following report summarizes the result of the analysis of the material submitted to us for identification. Analysis was performed in accordance with the EPA Method 600/R-93/116, July 1993 utilized polarized light microscopy with a dispersion staining objective and by stereobinocular examination. These methods are based on the refractive index, optical properties and overall morphology of crystalline and non-crystalline substances.

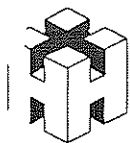
This report shall not be reproduced except in full, without the written permission from Hygieneering, Inc.'s laboratory. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

Please feel free to contact me if you have any questions or if we can be of further assistance.

Sincerely,

Hygieneering, Inc.

Jacqueline Cadwallader
Laboratory Manager



PLM ANALYTICAL REPORT

CLIENT: American Stores Properties, Inc. 1955 W. North Avenue Building F Melrose Park, IL 60160-1181

PROJECT: ASPI #01-11414 Remodel 98-5419-E

CONTACT PERSON: Mr. Jim Peele

SAMPLING DATE(s): 10/15/98 RECEIVED: 10/15/98 ANALYZED: 10/15/98 METHOD: POLARIZED LIGHT MICROSCOPY

ANALYTICAL RESULTS

Table with 5 columns: SAMPLE IDENTIFICATION, SAMPLE DESCRIPTION, ASBESTOS PRESENT/ TYPE *, OTHER FIBROUS COMPONENTS, OTHER NONFIBROUS COMPONENTS. Rows include MFA-1 B29934, MFA-2 B29935, and MFA-3 B29936.

Notes to the client regarding PLM analytical results:

- 1. Asbestos includes the asbestiform varieties of chrysotile, amosite, crocidolite, tremolite, anthophyllite and actinolite. A substance is considered asbestos containing material (ACM) if it contains > 1% asbestos.
2. Multilayer samples are analyzed for asbestos content.
3. Analysis of floor tile and other resinuously bound non-friable materials by PLM Stereomicroscopic examination...
4. Friable samples determined to contain <10% asbestos by PLM and stereomicroscopic examination...

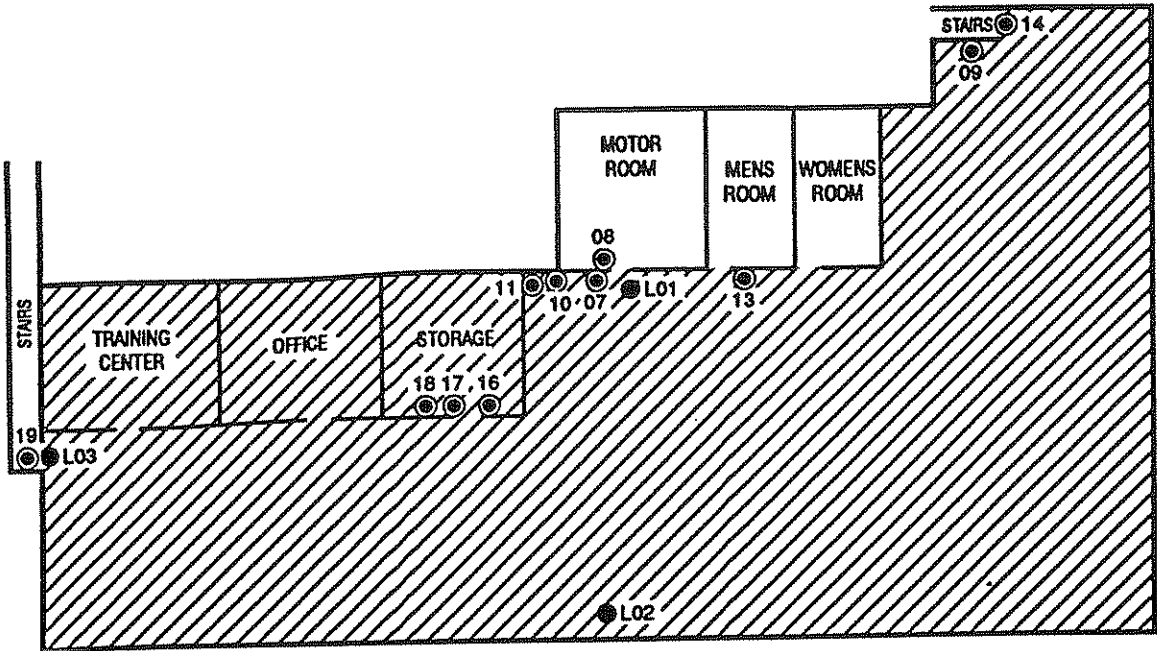
NIST Accredited for PLM - NVLAP #101997-0

ANALYST: JMC

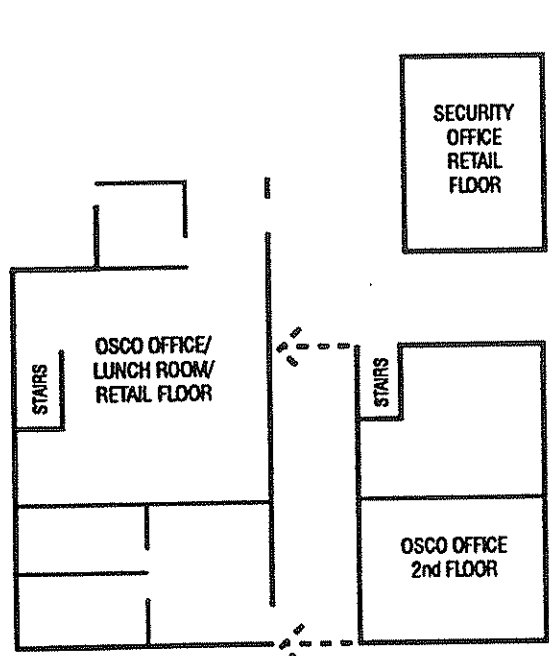
MANAGER/ANALYST: [Signature]

REPORT#: 98-5419-E

LOCATION MAP

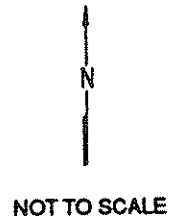


JEWEL MEZZANINE FLOOR PLAN



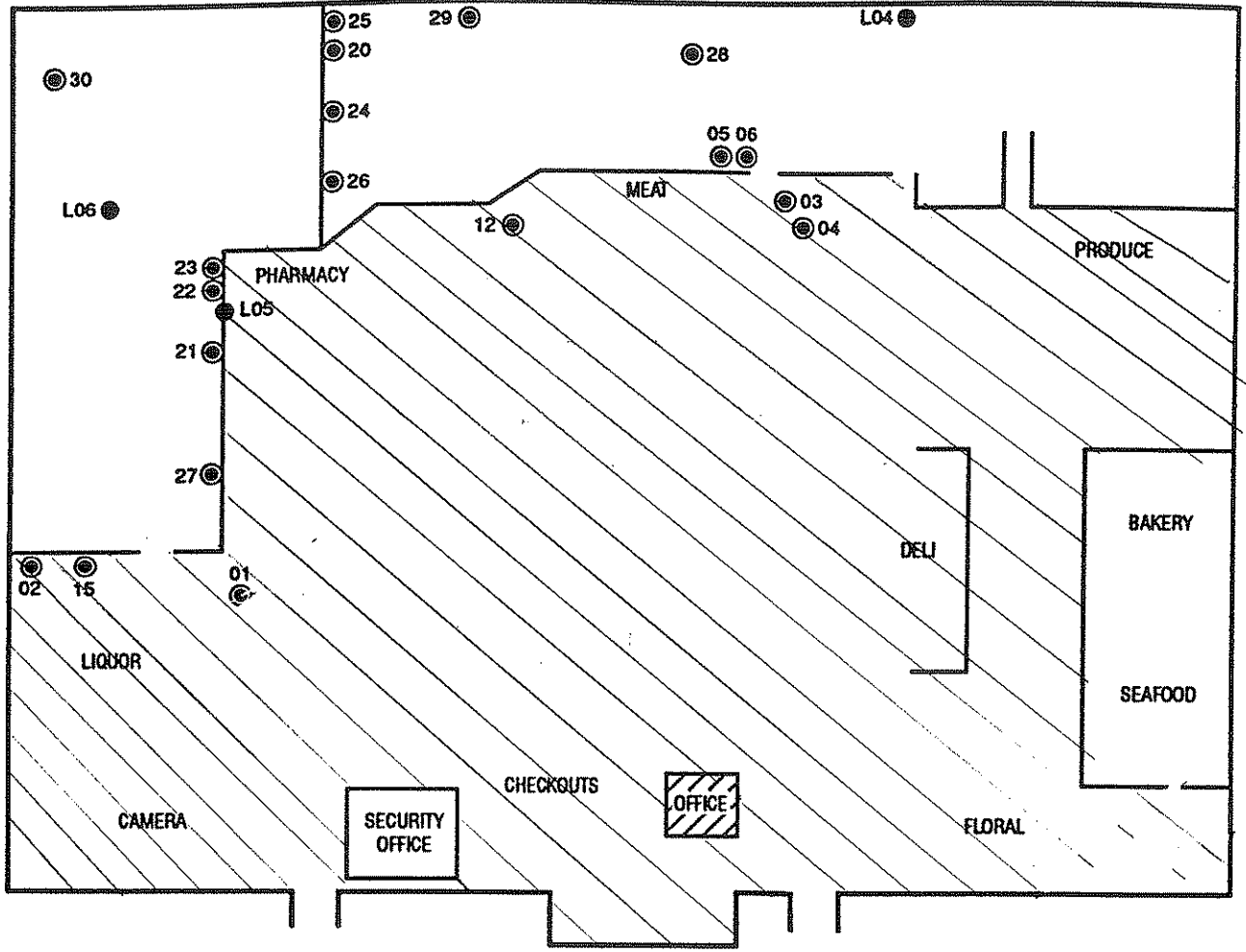
OSCO MEZZANINE FLOOR PLAN

Abated -- MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE



LEGEND

DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 2	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV. DATE: 6/30, 7/5/95	CLIENT: AMERICAN STORES PROPERTIES, INC.	TITLE: ASBESTOS SAMPLE LOCATIONS JEWEL/OSCO - MEZZANINE FLOOR PLANS 11414 SOUTH HALSTED AVENUE CHICAGO, IL	
FILE NAME: ScrASPI11414ChicagoSm2				



MAIN FLOOR PLAN



NOT TO SCALE

LEGEND

- Abated -- 12" x 12" white with tan streaks vinyl floor tile and mastic
- Abated -- MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 1	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV. DATE: 7/5/95	CLIENT: AMERICAN STORES PROPERTIES, INC.	TITLE: ASBESTOS SAMPLE LOCATIONS JEWEL/OSCO - MAIN FLOOR 11414 SOUTH HALSTEAD AVENUE CHICAGO, IL	
FILE NAME: ScrASPI11414ChcagoSm1				

AIR MONITORING RESULTS



Hygieneering, Inc.

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7575 Plaza Court, Willowbrook, IL 60521
(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI - 11414 HALSTED
Project: ACN FLOOR TILE ABATEMENT

Project #: 98-5419-E
Location: MEZZANINE & WEST COOLER

Date: 11-1-98
Hours: 11:00 P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1	Stop 1					
E-1	SKC	2.0	2.0	2.0	12:57A	2:44A	107	274	3150	<.00	N/A
E-2	SKC	2.0	2.0	2.0	12:56A	2:45A	109	218	2160	<.00	N/A
E-3	SKC	2.0	2.0	2.0	12:57A	2:45A	108	216	5150	.00	N/A

Before Break	After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
E-1	ENV	N/A	N/A	IN	WEST DUALTEMP COOLER	WORK AREA	REM
E-2	ENV	N/A	N/A	OUT	MEAT MARKET COUNTER		REM
E-3	ENV	N/A	N/A	OUT	BACK END OF AISLE 11		REM

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Gross Removal	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Glovebag Removal	P = Powered	TWA = $\frac{C}{T}$
CL = Clearance		GLBG = Clean (#)	APR = Air Purifying Respirator	480
PRS = Personnel (full shift)		CLN = Operations & Maintenance	SA = Supplied Air	Concentrations from Above (fcc)
EL = 30 Min Excursion Limit		O&M =	N/A = Not Applicable	Time per Sample from Above

Calibration by: RZ Sampling by: Rich Zyl Analysis by: SWC



Hygiene Engineering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI - 11414 HALSTED
Project: ACM FLOOR TILE ABATEMENT

Project #: 98-5419-E
Location: MEZZANINE & WEST COOLER

Date: 11-1-98
Hours: 11:00P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1					
PR-1	SLC	2.0	2.0	12:56A	1:26A	30	6.0	3/100	0.02	N/A
PR-2	SLC	2.0	2.0	1:26A	2:44A	78	15.6	4/100	0.01	2.01
BL-1										
BL-2										

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
PR-1	EL	THOMAS WOKURKA	320-72-6341	IN	WEST COOLER AREA, FLOOR TILE	MASTIC	REM HM
PR-2	PRS	THOMAS WOKURKA	320-72-6341	IN	WEST COOLER AREA		REM HM
BL-1		N/A					
BL-2	BUNK	N/A					

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RZ Sampling by: Arch Zych

Analysis by: SWC



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI - 11414 HALSTED
 Project #: 98-5419-E
 Location: EAST END JEWEL MEZZ.
 Date: 11-2-98
 Hours: 11:00 P -

Project #: 98-5419-E
 Location: EAST END JEWEL MEZZ.

Client: ASPI - 11414 HALSTED
 Project: ACM FLOOR TILE ABATEMENT

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1	Start 2					
PR-1	SL	2.0	2.0	12:43A	1:13A		30	6.0	0.100	0.04	N/A
PR-2	SL	2.0	2.0	1:13A	4:04A		169	338	13.100	0.01	<0.01
BL-1											
BL-2											

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
PR-1	EL	MIKE ALLEN	330-46-7504	IN	EAST END JEWEL MEZZANINE	REM	HM
PR-2	PRS	MIKE ALLEN	330-46-7504	IN	EAST END JEWEL MEZZANINE	REM	HM
BL-1	BLNK						
BL-2	BLNK						

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RZ Sampling by: Rich Zych Analysis by: [Signature]



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

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Air Sample Summary

Client: ASPI - 11/14 HALSTED
 Project: 1ST FLOOR TILE ABATEMENT

Project #: 98-5419-E
 Location: EAST END JEWEL MEZZ.

Date: 11-2-98
 Hours: 1:00P-

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)			Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1	Stop 1	Start 2					
E-1	SKC	2.0	2.0	2.0	12:43A	4:09A	-	204	408	1150	0.02	N/A
E-2	SKC	2.0	2.0	2.0	12:41A	4:07A	-	204	408	3160	5.01	N/A
E-3	SKC	2.0	2.0	2.0	12:44A	4:09A	-	203	406	8100	1.01	N/A

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
E-1	ENV	N/A	N/A	IN	EAST END LUNCHROOM	WORK AREA	HM
E-2	ENV	N/A	N/A	OUT	REAR STAIRWELL	TO BALCONY	---
E-3	ENV	N/A	N/A	OUT	OUTSIDE WORK AREA	LUNCHROOM COFFEE	---

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	REM = Gross Removal	PF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		GLBG = Glovebag Removal	P = Powered	TWA = $\frac{C}{T}$
CL = Clearance		CLN = Clean (#)	APR = Air Purifying Respirator	480
PRS = Personnel (full shift)		O&M = Operations & Maintenance	SA = Supplied Air	Concentrations from Above (fcc)
EL = 30 Min Excursion Limit			N/A = Not Applicable	T = Time per Sample from Above

Calibration by: RZ Sampling by: Rich Zych Analysis by: SNC



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521

(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASP1-11414 HALSTED
 Project: ACM FLOOR TILE ABATEMENT

Project #: 98-5419-E
 Location: JEWEL LUNCHROOM

Date: 11-3-98
 Hours: 11:00P-

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1	Start 2					
PR-1	SKC	2.0	2.0	1:03A	1:33A	—	30	60	91100	107	N/A
PR-2	SKC	2.0	2.0	1:33A	3:50A	—	137	274	17100	103	101
BL-1		—	—	—	—	—	—	—	0/100	—	—
BL-2		—	—	—	—	—	—	—	0/100	—	—

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #		In/Out	Location	Activity	Respirator Type
			In	Out				
PR-1	EL	Thomas Wokurke	320-72-6341	IN	JEWEL LUNCHROOM	REM	HM	
PR-2	PRS	Thomas Wokurke	320-72-6341	IN	JEWEL LUNCHROOM	REM	HM	
BL-1	BLNK	—	—	—	—	—	—	
BL-2	BLNK	—	—	—	—	—	—	

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Gross Removal	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Glovebag Removal	P = Powered	TWA = $\frac{C}{T}$
CL = Clearance		GLBG = Glovebag Removal Clean (#)	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Operations & Maintenance	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RE Sampling by: Rich Zych Analysis by: SWC



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI - 11414 HALSTED Project #: 98-5419-E Date: 11-3-98
 Project: ACM FLOORING ABATEMENT Location: JEWEL LUNCHROOM Hours: 11:00P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1	Stop 1					
E-1	SKC	2.0	2.0	2.0	1:04	3:50A	156	312	34100	0.05	N/A
E-2	SKC	2.0	2.0	2.0	1:04	3:49	165	330	51000	1.01	N/A
E-3	SKC	2.0	2.0	2.0	1:03	3:50A	157	317	251000	0.03	N/A

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #		Location		Respirator Type
			In/Out	In/Out	Activity	Respirator Type	
E-1	ENV	N/A	N/A	IN	JEWEL LUNCHROOM	WORK AREA	REM
E-2	ENV	N/A	N/A	OUT	WEST END MEZZANINE	OUTSIDE AREA	REM
E-3	ENV	N/A	N/A	OUT	EAST END MEZZANINE	OUTSIDE AREA	REM

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	REM = Gross Removal	PF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		GLBG = Glovebag Removal	P = Powered	TWA = 480
CL = Clearance		CLN = Clean (#)	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		O&M = Operations & Maintenance	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit			N/A = Not Applicable	

Calibration by: AZ Sampling by: Rich York Analysis by: SWC



Hygiene Engineering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI - 11714 HALSTED Project #: 98-5419-E Date: 11-4-98
 Project: ACH FLOORING ABATEMENT Location: WEST END MEZZANINE Hours: 11:00P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1	Start 2					
PR-1	2KCC	2.0	2.0	1:30A	1:50A	—	30	60	10/100	0.08	N/A
PR-2	SKC	2.0	2.0	1:50A	4:14A	—	144	288	24/100	0.04	0.01
BL-1	—	—	—	—	—	—	—	—	9/100	—	—
BL-2	—	—	—	—	—	—	—	—	9/100	—	—
				Before Break							
				After Break							

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
PR-1	EL	MIKE ALLEN	330-46-7504	IN	WEST END MEZZANINE	REM	HM
PR-2	PRS	MIKE ALLEN	330-46-7504	IN	WEST END MEZZANINE	REM	HM
BL-1	BLNK	—	—	—	—	—	—
BL-2	BLNK	—	—	—	—	—	—

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RZ Sampling by: Rich Zych Analysis by: [Signature]



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI - 11414 HALSTED
 Project: ACM FLOORING ABATEMENT

Project #: 98-5419-E
 Location: WEST END MEZZANINE

Date: 11-4-98
 Hours: 11:00P--

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)			Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1	Stop 1	Start 2					
E-1	SKC	2.0	2.0	2.0	1:49A	4:14A	—	145	290	21100	0.03	N/A
E-2	SKC	2.0	2.0	2.0	1:49A	4:15A	—	146	292	17100	0.02	N/A
E-3	SKC	2.0	2.0	2.0	1:50A	4:15A	—	145	290	16100	0.02	N/A

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
E-1	ENV	N/A	N/A	IN	WEST END MEZZANINE	WORK AREA	HM
E-2	ENV	N/A	N/A	OUT	LUNCH ROOM	OUTSIDE WORK AREA	—
E-3	ENV	N/A	N/A	OUT	LUNCH ROOM	OUTSIDE WORK AREA	—

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = $\frac{480}{\text{Concentrations from Above (foc)}}$
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	T = Time per Sample from Above
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RZ

Sampling by: Rich

Analysis by: [Signature]



Hygieneering, Inc.

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7575 Plaza Court, Willowbrook, IL 60522
 (630) 654-2550 Fax: (630) 789-381

Air Sample Summary

Client: ASPI - 11414 HALSTED Date: 11-5-98
 Project: ACM FLOOR TILE ABATEMENT Location: SIGN SHOP, OSKO VESTIBULE
 Hours: 11:00 P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1					
E-1	SKC	2.0	2.0	2.0	12:33A	1:44A	142	21100	601	N/A
E-2	SKC	2.0	2.0	2.0	12:03A	1:44A	142	31100	801	N/A
E-3	SKC	2.0	2.0	2.0	2:00A	4:25A	250	41100	501	N/A
E-4	SKC	2.0	2.0	2.0	2:21A	4:26A	250	31100	501	N/A
E-5	SKC	2.0	2.0	2.0	2:21A	4:26A	250	21100	501	N/A

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
E-1	ENV	N/A	N/A	IN	SIGN SHOP WORK AREA	REM	HM
E-2	ENV	N/A	N/A	OUT	OUTSIDE SIGNSHOP IN CORRIDOR	REM	HM
E-3	ENV	N/A	N/A	IN	OSKO VESTIBULE WORK AREA	REM	HM
E-4	ENV	N/A	N/A	OUT	END CAP SONGGLASS DISPLAY	REM	HM
E-5	ENV	N/A	N/A	OUT	FRONT OF STORE IN FRONT SECURITY	REM	HM

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RZ Sampling by: Paul Zyl Analysis by: JWC



Hygiene Engineering, Inc.

Industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 6052
 (630) 654-2550 Fax: (630) 789-381

Air Sample Summary

Client: ASPI - 11414 HALSTED Project #: 98-5419-E Date: 11-5-98
 Project: ACM FLOOR TILE ABATEMENT Location: SIGN SHOP, OSCO VESTIBULE Hours: 11:00P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1	Start 2					
PR-1	SKC	2.0	2.0	12:11A	12:41A	-	30	60	1100	005	N/A
PR-2	SKC	2.0	2.0	12:41A	1:11A	2:25A	155	310	10100	001	2.01
BL-1		-	-	-	-	-	-	-	01100	-	-
BL-2		-	-	-	-	-	-	-	01100	-	-

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #		Location	Activity	Respirator Type
			In/	Out			
PR-1	EL	TOM WOKURKA	320-72-6341	IN	SIGN SHOP WORK AREA	REM	HM
PR-2	PRS	TOM WOKURKA	320-72-6341	IN	SIGN SHOP OSCO VESTIBULE WORK AREA	REM	HM
BL-1	BLNK						
BL-2	BLNK						

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RZ Sampling by: Richard Zych Analysis by: [Signature]



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 (630) 654-2550 Fax: (630) 789-381

Air Sample Summary

Client: ASPI - 11414 HALSTED Project #: 98-5419-E Date: 11-8-98
 Project: ACH FLOOR TILE ABAATEMENT Location: aisle 2; MEAT COOLER Hours: 11:00P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Stop 1					
E-1	SKC	2.0	2.0	2.0	11:45P	1:02A	148	71100	0.02	N/A
E-2	SKC	2.0	2.0	2.0	11:48P	1:04A	152	31100	0.01	N/A
E-3	SKC	2.0	2.0	2.0	11:50P	1:04A	148	61100	0.01	N/A
E-4	SKC	2.0	2.0	2.0	1:52A	4:28A	382	101100	0.01	N/A
E-5	SKC	2.0	2.0	2.0	1:57A	4:28A	394	31100	0.01	N/A
E-6	SKC	2.0	2.0	2.0	1:54A	4:29A	390	61100	0.01	N/A

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
E-1	ENV	N/A	N/A	IN	MEAT COOLER WORK AREA	REM	HM
E-2	ENV	N/A	N/A	OUT	BACK ROOM MEAT DEPT.	REM	—
E-3	ENV	N/A	N/A	OUT	BACK END OF AISLE 13	REM	—
E-4	ENV	N/A	N/A	IN	aisle 2 work area	REM	HM
E-5	ENV	N/A	N/A	OUT	FRONT HALF OF AISLE OUTSIDE AREA	REM	—
E-6	ENV	N/A	N/A	OUT	BACK AISLE CENTER, BACK END AISLE 2	REM	—

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = C ₁ X T ₁ + C ₂ X T ₂ + ... C _n X T _n
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (foc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: BZ Sampling by: Rich Zyl Analysis by: SLC



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 6052
(630) 654-2550 Fax: (630) 789-3881

Air Sample Summary

Client: ASP - 11414 HALSTED
Project: ACM FLOOR TILE REMOVAL

Project #: 98-5419-E
Location: aisle 2, MEAT COOLER

Date: 11-8-98
Hours: 11:00P -

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1	Start 2					
PR-1	SK	2.0	2.0	11:51A	12:21A	-	30	60	121100	0.01	N/A
PR-2	SK	2.0	2.0	12:21A	1:01A	4:27A	194	388	161100	0.02	0.01
BL-1									01100		
BL-2									01100		

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
PR-1	EL	TOM WOKURKA	320-72-6341	IN	MEAT COOLER WORK AREA	FLOOR TILE MASTIC	REM
PR-2	PRS	TOM WOKURKA	320-72-6341	IN	MEAT COOLER AISLE 2	FLOOR TILE MASTIC	REM
BL-1	BLNK						
BL-2	BLNK						

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: RZ Sampling by: Rich Zych

Analysis by: JWC



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7575 Plaza Court, Willowbrook, IL 60521
(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI Project #: 98-5419 Date: 11/9/98
 Project: Pro. tile and Maska Location: 1414 S. Halsted Hours: 100-700

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1					
P-01	SKC 1	2	2	12:00	12:30	30	60	2100	0.01	D/A
P-02	1	1	1	12:30	4:15	235	450	2100	2.01	2.01
E-01	1	1	1	11:30	4:15	285	570	2100	2.01	N/A
E-02	1	1	1	11:30	4:15	285	570	3100	2.01	D/A
				Before Break						
				After Break						

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
P-01	EL	Mike Allen	330 46-7501	IN	into vestibule area near entrance	REP	HM
P-02	IRS	Mike Allen	330 516-7504	IN	" " " "	"	"
E-01	ROD	"	"	IN	near coils by entrance	"	"
E-02	ROD	"	"	OUT	vestibule containing coils back	"	"

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour TWA = $C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	C = Concentrations from Above (f/cc)
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	T = Time per Sample from Above
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: [Signature] Sampling by: [Signature]

Analysis by: [Signature]



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7575 Plaza Court, Willowbrook, IL 60522
 (630) 654-2550 Fax: (630) 789-381

Air Sample Summary

Client: ASPL Project #: 98 Date: 11/29/98
 Project: Floors 11k/mastic Location: Added Hours: 1100-700

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1	Start 2					
P-01	SK-1	Z	Z	Z	1100	1100	30	60	2/100	2.01	N/A
P-02					1100	315	255	510	6/100	2.02	N/A
E-01					1100	400	300	600	3/100	2.01	N/A
E-02					1100	400	300	600	1/100	2.01	N/A

Before Break	After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
P-01	EL	Blue Worker	853-46-3256	In	Upstairs Renovation (Break & Show)	DETA	HPS
P-02	ARS	Blue Worker	353-46-3256	In	"	RETA	HPS
E-01	EVU	"	"	In	"	RETA	HPS
E-02	EVU	"	"	Out	Outside Temporary Area in Alleyway	RETA	HPS

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 \times T_1 + C_2 \times T_2 + \dots + C_n \times T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: IX Sampling by: DR

Analysis by: DR



Hygieneering, Inc.

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(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI Project #: 98 5419E Date: 12-1-98
 Project: SIFS Location: 11914 HALSTAD Hours: 1208 - 198

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start	Step 1					
E01	SAC	2:0	2:0	2:0	108	-	60	120	4150	601	N/A
E02	SAC	2:0	2:0	2:0	108	-	60	120	3150	601	↓

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
E01	ENV	N		IN	Behind Camera Counter	Rem	-
E02	ENV	N		OUT	Oscro Entry way Door	Rem	-

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 \times T_1 + C_2 \times T_2 + \dots + C_n \times T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (f/cc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: _____

Sampling by: _____

Analysis by: _____



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7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI Project #: 935419F Date: 12-1-98
 Project: ASPI - IES Location: 11414 HALSTED Hours: 1200-1000

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Start 2					
P01	SAC	2.0	2.0	1230	1230	30	60	4100	.03	N/A
P02	SAC	2.0	2.0	1230	100	35	60	21100	.01	<.01

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
P01	E1	Ollie Wooden	353-46-3256	In	Behind Camera Dept	Scan	HMA
P02	E1	Ollie Wooden	353-46-3256	In	Behind Camera Dept	Scan	HMA

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 \times T_1 + C_2 \times T_2 + \dots + C_n \times T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: _____ Sampling by: _____ Analysis by: WJ



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7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: C.A.C. Project #: 985419E Date: 12-3-98
 Project: JES Location: 114 HOLSTED Hours: 12:00 - 6:00

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1					
P01	SAC	2.0	2.0	12:30	4:00	240	480	2/100	<0.01	<0.01
P02	SAC	2.0	2.0	4:00	4:30	30	60	2/100	<0.01	N/A
P03	-	-	-	-	-	-	-	-	-	-
				Before Break	After Break					

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Respirator	Activity	Respirator Type
P01	PRS	J. Middleton	331-22-6223	IN	Photo Center	HM	Photo	HM
P02	EL	J. Middleton	331-22-6223	IN	Photo Center	SA	Photo	SA
					Photo Center	APR	Photo	APR
					Photo Center	SA	Photo	SA

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour TWA = $C_1 \times T_1 + C_2 \times T_2 + \dots + C_n \times T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	C = Concentrations from Above (fcc)
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	T = Time per Sample from Above
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: _____ Sampling by: _____ Analysis by: _____



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Air Sample Summary

Client: ASPI Project #: 985419E Date: 12-3-98
 Project: JFS Location: 119 HALSTED Hours: 1200 - 60

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1					
E01	SHC	2:0	2:0	2:0	120	430	270	1/100	40.01	N/A
E02	SHC	2:0	2:0	2:0	120	432	270	6/100	40.01	N/A
E03	SHC	2:0	2:0	2:0	120	435	272	1/100	40.01	N/A
E04	SHC	2:0	2:0	2:0	120	440	273	0.01	---	---

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out		Location	Respirator Type
				In	Out		
E01	ENV	N	N	IN	OUT	Photo Counter (Inside)	N/A
E02	ENV	N	N	OUT	OUT	OSCO ENTRY WAY	N/A
E03	ENV	N	N	OUT	OUT	PRE PNEA PUBLIC	N/A

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 \times T_1 + C_2 \times T_2 + \dots + C_n \times T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = $\frac{C}{T}$
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (f/cc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: _____ Sampling by: _____

Analysis by: _____



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI
 Project: 11414 S. HALSTED ASP/PM FLOOR

Project #: 98-5419-E
 Location: 11414 S. HALSTED ST.
CHICAGO

Date: 12-8-98
 Hours: 12:30 PM - 3 AM

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Start 2					
E01	SKC	2.0	2.0	12AM	3AM	180	360	20/100	0.02	N/A
E02	SKC	2.0	2.0	12AM	3AM	180	360	7/100	0.01	↓

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Respirator	Activity	Respirator Type
E01	ENV			IN	IN FRONT OF PER 14/SAFEBOX ON SALES FLOOR	HM		
E02	ENV			OUT	OUTSIDE CONTAINMENT NEW SAFEBOX AREA	FF		
						P		
						APR		
						SA		
						N/A		

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = C ₁ X T ₁ + C ₂ X T ₂ + ... C _n X T _n
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: GP Sampling by: GP Analysis by: SMC



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
 (630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI
 Project: 11414 S. HALSTED ASP/PM FLOOR

Project #: 98-5419-E
 Location: 11414 S. HALSTED, CHICAGO

Date: 12-8-98
 Hours: 11:30 AM - 3 AM

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Actual	Start 1	Stop 1					
P01	SKC	2.0	2.0	2.0	12:00 AM	12:30 AM	30	60	4/100	003	N/A
P02	SKC	2.0	2.0	2.0	12:30 AM	2:00 AM	150	300	9/100	001	5.01
Blank											
BLANK-1											

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
P01	EL	C HARRIS		IN	FRONT OF PIER 14 SEALED ON SALES FLOOR	ROOM	HM
P02	PRS	"		IN	↓	ROOM	HM
BLANK-1	BLK						

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour = $C_1 \times T_1 + C_2 \times T_2 + \dots + C_n \times T_n$
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	TWA = 480
CL = Clearance		GLBG = Glovebag Removal	APR = Air Purifying Respirator	C = Concentrations from Above (fcc)
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: GP Sampling by: GP Analysis by: SWC



Hygiene Engineering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPT Project #: 97 5419 Date: 12/15/98

Project: Starline and mobile Location: 14914 Hickwood Hours: 100-200

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1	Start 2					
P01	341	2	2	1:00	1:30		30	600	1/100	2.01	N/A
P02	1	2	1	1:30	4:30		240	480	3/100	2.07	2.01
E01	1	2	1	1:00	4:30		270	540	8/100	2.01	N/A
E02	1	2	1	1:00	4:30		270	540	8/100	2.01	N/A

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #		Location	Activity	Respirator Type
			In	Out			
P01	HE	RICHARD			IND	OWN PAINT CASE IN BACK OF SHOP	APR
P02	PRS	"			IND	"	APR
E01	E01	NA			IND	INSIDE CARPENTRY	APR
E02	E02	NA			OUT	CARB OUTSIDE IN TRAILER AREA	APR

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	REM = Gross Removal	FF = Full Face	8 hour = $\frac{C_1 X T_1 + C_2 X T_2 + \dots + C_n X T_n}{480}$
HEX = HEPA Exhaust		GLBG = Glovebag Removal	P = Powered	TWA = Concentrations from Above (f/cc)
CL = Clearance		CLN = Clean (#)	APR = Air Purifying Respirator	C = Time per Sample from Above
PRS = Personnel (full shift)		O&M = Operations & Maintenance	SA = Supplied Air	
EL = 30 Min Excursion Limit			N/A = Not Applicable	

Calibration by: [Signature] Sampling by: [Signature] Analysis by: [Signature]



Hygiene Engineering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPL Date: 7/17/99
 Project: flex bk and motor room Location: 11/14 Habel
 Hours: 11:00-2:00

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event		Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1					
P-01	SK1	2	2	11:30	12:00	30	60	1/100	20.01	---
P-02	SK1	2	2	11:30	3:45	255	510	3/100	20.01	20.01
E-01	SK1	2	2	11:30	3:45	255	510	3/100	20.01	---
E-02	SK1	2	2	11:30	3:45	255	510	1/100	20.01	---

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
P-01	EL	Robert Oden		In	Near battery bleed disk one	REM	HRD
P-02	PR3	Robert Oden		In	"	"	"
E-01	EDV	N/A		Out	Inside captured in lab area	"	"
E-02	EDV	N/A		Out	outside & work area near disk one	"	"

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean Preparation	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	REM = Gross Removal	FF = Full Face	8 hour = C ₁ X T ₁ + C ₂ X T ₂ + ... C _n X T _n
HEX = HEPA Exhaust		GLBG = Glovebag Removal	P = Powered	TWA = 480
CL = Clearance		CLN = Clean (#)	APR = Air Purifying Respirator	C = Concentrations from Above (f/cc)
PRS = Personnel (full shift)		O&M = Operations & Maintenance	SA = Supplied Air	T = Time per Sample from Above
EL = 30 Min Excursion Limit			N/A = Not Applicable	

Calibration by: [Signature] Sampling by: [Signature]

Analysis by: [Signature]



Hygiene Engineering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521

(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI Project #: 98-5419-E Date: 1-11-99
 Project: 11414 S. HALSTED Location: Be Tower Aisles 11P 11E 82AM Hours: 10:30am - 1:30pm

Analytical Data

Sample ID#	Pump #	Flow Rate (L/min)		Sampling Event			Duration (minutes)	Volume (Liters)	Fibers/Field	Fibers/Cubic Centimeter	8-Hour TWA
		Pre	Post	Start 1	Stop 1	Stop 2					
P01	SYS	2.0	→	12:15am	12:45am		30	60	2/100	.01	N/A
P02	↓	↓	↓	12:45am	1:15am		60	120	3/100	<.01	<.01
E01	↓	↓	↓	12:15am	1:45am		90	180	4/100	.01	N/A
E02	↓	↓	↓	12:15am	1:45am		90	180	4/100	.02	↓
BLANK-1											
BLANK-2											

Before Break After Break

Descriptive Information

Sample ID#	Sample Type	Worker's Name	Social Security #	In/Out	Location	Activity	Respirator Type
P01	EL	JEFF KADWENICH		IN	BE TOWER AISLES 11P	REM	HM
P02	PRS	"	"	IN		↓	
E01	ENV	"	"	OUT		↓	
E02	ENV	"	"	OUT		↓	
BLANK-1	BLK						
BLANK-2	BLK						

Key To Abbreviations

Sample Type	Location	Activity	Respirator	Calculation
BGD = Background	IN = Inside Work Area	PRCLN = Pre Clean	HM = Half Mask	f/cc = fibers/fields/volume X 49.04
ENV = Environmental	OUT = Outside Work Area	PREP = Preparation	FF = Full Face	8 hour TWA = C ₁ X T ₁ + C ₂ X T ₂ + ... C _n X T _n / 480
HEX = HEPA Exhaust		REM = Gross Removal	P = Powered	C = Concentrations from Above (fcc)
CL = Clearance		GLEG = Glovebag Removal	APR = Air Purifying Respirator	T = Time per Sample from Above
PRS = Personnel (full shift)		CLN = Clean (#)	SA = Supplied Air	
EL = 30 Min Excursion Limit		O&M = Operations & Maintenance	N/A = Not Applicable	

Calibration by: G.P. Sampling by: G.P. Analysis by: [Signature]

COMPLETED WASTE MANIFEST(S)

HAZARDOUS WASTE SHIPMENT RECORD

24 Hr. Emergency No. (312) 942-0029

1. Work Site Name and Mailing Address JEWEL 11414 S. HALSTED CHICAGO, ILL 60628		Owner's Name and Address American Stores 1955 W. North Ave Melrose Park, Ill. 60160		Owner's Phone No. (708) 786-3041
2. Operator's Name and Address UNIVERSAL ASBESTOS REMOVAL 7751 WEST 88th STREET PRIDGEMO, ILLINOIS 60455			Operator's Phone No. (708) 430-5044	
3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location Liberty Landfill Inc. Newton County Development Corporation 8635 E State Rd. 2266 E, 500 S. RD Monticello IN 47900 Brook, Indiana 47422			WDS Phone No. 219-276-7438 1-800-207-0359 (219) 394-2808	
4. Name and Address of Responsible Agency I.E.P.A. 2200 Churchill Rd. Springfield, Illinois 62706				217-785-1743
5. Description of Materials RQ Asbestos, 9, NA2212, PGILL		6. Containers No. Type		7. Total Quantity m ³ (yd ³)
		50 B		15 YDS
8. Special Handling Instructions and Additional Information AWIN # 984622				
9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.				
Printed/Typed Name & Title ROBERT PASHY Superintendent		Signature Robert Pashy		Month Day Year 11/11/98
10. Transporter 1 (Acknowledgment of Receipt of Materials)				
Printed/Typed Name & Title Illinois Recycling Services, Inc. Address and Telephone No. (312) 942-0030 2401 South Laffin Street Chicago, Illinois 60608 Fax: (312) 942-0534		Signature Chuck Bellett		Month Day Year 11/15/98
11. Transporter 2 (Acknowledgment of Receipt of Materials)				
Printed/Typed Name & Title ILLINOIS RECYCLING SERV Address and Telephone No. 2401 S. Laffin CHICAGO, IL 60608 312-942-0030		Signature		Month Day Year 11-23-98
12. Discrepancy Indication Space * OWNER'S Name is Jewel Food stores @ same address I SPOKE WITH LORI CLAYTON @ NEWTON COUNTY ON 3/10/99 RBP.				
13. Waste Disposal Site Owner or Operator Certification of receipt of asbestos materials covered by this manifest except as noted in 12.				
Printed/Typed Name & Title Raquel Hanne Scale		Signature Raquel Hanne		Month Day Year 11-23-98

WHITE - Landfill

GREEN - Hauler

CANARY - Hauler

PINK - Owner

GOLD - Contractor

WASTE SHIPMENT RECORD

NC 484622

24 Hr. Emergency No. _____

1. Work Site Name and Mailing Address JEWEL FOOD STORES - 1744 S. HALSTED ST. 1744 S. HALSTED ST. CHICAGO, IL 60628 6378		Owner's Name and Address AMERICAN STORES PROPERTIES 1955 NORTH AVE KIDG.F. MELROSE PARK, IL 60160		Owner's Phone No. 708-786-3038
2. Operator's Name and Address UNIVERSAL ASBESTOS REMOVAL 7751 W. 88TH ST. BRIDGEVIEW, IL 60455				Operator's Phone No. 708-430-5044
3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location County Environmental of Livingston P.O. #3, P.O. Box 646 Pontiac, Illinois 61764		NEWTON COUNTY DEV. CORP 2266 E. 500 SOUTH BROOK, IN. 47922		WDS Phone No. 815-844-3911 219-394-2805
4. Name and Address of Responsible Agency I.E.P.A. 2200 Churchill Rd. Springfield, Illinois 62706				217-785-1743
5. Description of Materials RQ Asbestos, 9, NA2212, PGILL		6. Containers No. Type		7. Total Quantity m ³ (yd ³) 5 cy
8. Special Handling Instructions and Additional Information				
9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.				
Printed/Typed Name & Title ROBERT PLACHY - SUPERINTENDENT		Signature Robert Plachy		Month Day Year 11 20 98
10. Transporter 1 (Acknowledgment of Receipt of Materials)				
Printed/Typed Name & Title TOP Disposal Services Address and Telephone No. (312) 942-0030 2401 South Laffin Street Chicago, Illinois 60608 Fax: (312) 942-0534		Signature		Month Day Year
11. Transporter 2 (Acknowledgment of Receipt of Materials)				
Printed/Typed Name & Title National Waste Services Address and Telephone No. 2608 S Damen (773) 579-3601		Signature		Month Day Year 11 24 98
12. Discrepancy Indication Space * OWNERS NAME IS JEWEL FOOD STORES @ SAME ADDRESS I SPOKE WITH LORI CLAYTON @ NEWTON COUNTY ON 3/10/99 RE: P.				
13. Waste Disposal Site Owner or Operator Certification of receipt of asbestos materials covered by this manifest except as noted in 12.				
Printed/Typed Name & Title Raquel Hanne Scal		Signature Raquel Hanne		Month Day Year 11-24-98

WHITE - Landfill

GREEN - Hauler

CANARY - Hauler

PINK - Owner

GOLD - Contractor

WASTE SHIPMENT RECORD

24 Hr. Emergency No. _____

1. Work Site Name and Mailing Address Jewel/Disco - 11414 11414 S. Halsted Street Chicago, IL 60628		Owner's Name and Address American Stores Properties, Inc 1955 W. North Ave., Bldg. F Melrose Park, IL 60160-1181		Owner's Phone No. 708-786-3041	
2. Operator's Name and Address Universal Asbestos Removal, Inc. 7751 West 88th Street Bridgeview, IL 60455				Operator's Phone No. 708-430-5044	
3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location Liberty Landfill Newton County Development Corp. 8035 E. State Pk. 16 2266 E. 500 South, P.O. Box 113 Monticello, IN 47960 Brook, IN 47922				WDS Phone No. 219-278-7138 1-800-297-0350 219-394-2805	
4. Name and Address of Responsible Agency I.E.P.A. 2200 Churchill Rd. Springfield, Illinois 62708				217-785-1743	
5. Description of Materials RQ Asbestos, 9, NA2212, PGILL		6. Containers No. Type		7. Total Quantity m ³ (yd ³)	
				5 cy	
8. Special Handling Instructions and Additional Information					
9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
Printed/Typed Name & Title Robert Plachy - Superintendent		Signature <i>Robert Plachy</i>		Month Day Year 12 4 98	
10. Transporter 1 (Acknowledgment of Receipt of Materials)					
Printed/Typed Name & Title TOP Disposal Services Address and Telephone No. (312) 942-0030 2401 South Laffin Street Chicago, Illinois 60608 Fax: (312) 942-0534		Signature <i>[Signature]</i>		Month Day Year 12 4 98	
11. Transporter 2 (Acknowledgment of Receipt of Materials)					
Printed/Typed Name & Title Address and Telephone No.		Signature		Month Day Year	
12. Discrepancy Indication Space * OWNERS NAME IS JEWEL FOOD STORES @ SAME ADDRESS I spoke with Leri Clayton @ Newton County ON 3/10/98 <i>Redd</i>					
13. Waste Disposal Site Owner or Operator Certification of receipt of asbestos materials covered by this manifest except as noted in 12.					
Printed/Typed Name & Title <i>Raquel Henne Scale</i>		Signature <i>Raquel Henne</i>		Month Day Year 12-4-98	

WHITE - Landfill

GREEN - Hauler

CANARY - Hauler

PINK - Owner

GOLD - Contractor

COMPLETE ENVIRONMENTAL WASTE MANAGEMENT, INC.

3838 W. 111th Street, Suite 107 • Chicago, IL 60655
 (773) 233-8030 • Fax (773) 233-8085

MANIFEST No M 1972

WASTE SHIPMENT RECORD

PROFILE NO.
Box 103


GENERATOR	1. WORK SITE NAME & MAILING ADDRESS <i>Jewel / OSCO 11414 S Halsted St CHICAGO IL 60628</i>		OWNER'S NAME	PHONE NO.	
	2. OPERATOR'S NAME & ADDRESS <i>UNIVERSAL ASBESTOS Removal 7751 W 88th St Bridgeview, IL 60455</i>		JOB NO. <i>6378</i>	PHONE NO. <i>708 430-5044</i>	
	*** IN CASE OF EMERGENCY DURING SHIPMENT, CONTACT THE HAZARD COMMUNICATIONS COORDINATOR *** (800) 424-9300				
	3. WASTE DISPOSAL SITE (WDS) NAME, MAILING ADDRESS & PHYSICAL SITE LOCATION <i>Community Landfill 1501 Ashley Rd MORRIS, IL 60450</i>			PHONE NO. <i>815 942-3941</i>	
	4. NAME & ADDRESS OF RESPONSIBLE AGENCY ILLINOIS EPA P.O. BOX 19276 SPRINGFIELD, IL 62794-9276		CONTACT: <i>BOB PERUM</i> OTTO J. KLEIN DIV. OF AIR POLLUTION CONTROL		
	5. DESCRIPTION OF MATERIALS <i>ACM</i>	6. CONTAINERS NO. TYPE <i>2 BAGS 6 DRUMS</i>	7. TOTAL QUANTITY M ³ (YD ³)		
	8. SPECIAL HANDLING INSTRUCTIONS & ADDITIONAL INFORMATION <i>DO NOT TEAR BAGS</i>				
	9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations. <p style="text-align: center;">ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ASBESTOS) 9, PG III, UN 3077</p>				
NAME & TITLE <i>MIKE HONAN</i>		SIGNATURE <i>Mike Honan</i>	MO. DAY YEAR <i>12-18-98</i>		
TRANSPORTER	10. TRANSPORTER 1 (ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS)				
	NAME & TITLE <i>Rob Perum</i> ADDRESS & PHONE NO. Tri-State Disposal Inc. 13903 S. Ashland Ave. Riverdale, IL 60827 708/388-9910		SIGNATURE <i>Rob Perum</i>	MO. DAY YEAR <i>12-18-98</i>	
	11. TRANSPORTER 2 (ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS)				
NAME & TITLE		SIGNATURE		MO. DAY YEAR	
ADDRESS & PHONE NO.					
DISPOSAL SITE	12. DISCREPANCY INDICATION SPACE				
	13. WASTE DISPOSAL SITE OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF ASBESTOS MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 12.				
NAME & TITLE <i>Tricia Kistler</i>		SIGNATURE <i>Tricia Kistler</i>	MO. DAY YEAR <i>12-18-98</i>		

CONTRACTOR'S AND CONSULTANT'S COMPLETION FORM

CERTIFICATE OF COMPLETION FORM Asbestos Abatement

Project Number: 01-11414/18-00016 Work Area Location: Jewel Osco Food Store
 Project Name: Removal of floor tile and mastic in support of the renovation of the building 11414 S. Halsted Chicago, IL

The work for the above referenced project has been completed in accordance with applicable requirements of the U. S. Environmental Protection Agency, the Occupational Safety and Health Administration, the local Air Quality Management District, and other federal, state, county and local agencies. The work has also been performed in accordance with the applicable Contract Documents and each item on any previous punch list has been completed or otherwise resolved and has been approved by Owner and Environmental Consultant.

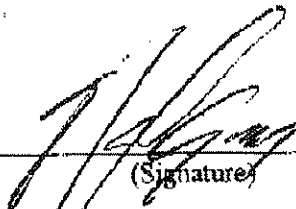
By:  Date: 1/29/99
 (Contractors Authorized Representative)

Pat Connolly
 Printed Name

Project Manager
 Title

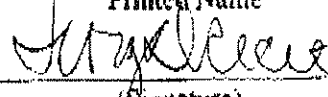
Unjversal Asbestos Removal
 Company Name

Environmental Consultant:


 (Signature)

Nelson Gray
 Printed Name

ASPI Representative:


 (Signature)

George Richter
 Printed Name

OK SP 2/5/99

COPY - WORK AUTHORIZATION/ CHANGE ORDERS

**WORK AUTHORIZATION FOR
ENVIRONMENTAL CONSULTING SERVICES**

THIS WORK AUTHORIZATION is executed and delivered to Hygieneering, Inc., an Illinois Corporation ("Consultant"), for American Stores Properties, Inc. (ASPI), a Delaware Corporation ("Company"), pursuant to that certain MASTER AGREEMENT FOR ENVIRONMENTAL SERVICES ("Master Agreement") by and between Company and Consultant, dated the 11th of April 1995. This master agreement is for general services.²

1. Scope of Services: Subject to the terms and conditions of the Master Agreement, which are incorporated herein by reference, Company hereby authorizes and directs Consultant to provide the following environmental consulting services ("Services")²:

Develop project specifications, provide project oversight, which includes project management and air sampling. Complete documentation of abatement activities at the close of the project.

2. Attachments: The attachments to the Work Authorization identified below are incorporated herein by reference and made part of this Work Authorization. [If there are no attachments, state "None".]
None

3. Property: The property ("Property") upon which the Services are to be performed is located at:

Company & Store Code: Jewel Osco
#01-11414
Complete Address: 11414 South Halsted Street
Chicago, IL 60628

4. Consideration: The consideration ~~to be received~~ by Consultant or the Services shall be on a [circle one]:
Cost basis (time and materials) or Estimate basis (fixed fee), not to exceed \$14,395.00

\$2,000 for Project Design/Specifications, approximately 13 shifts @ \$600 per 8-hour shift, \$85.00/ hour for additional consulting time, 32 hours @ \$85.00/ hour for Nelson Gray's consulting time, \$0.00/ 2 shifts @ \$600 for report generation and review , PCM air sample, \$0.00, 3 PLM bulk sample, \$25.00 travel, \$200 for one set of CAD Drawings and electronic file, \$100/ each additional set of CAD drawings, 4 TEM samples \$100.00/ sample if required.

5. Photographs: may be taken in accordance with the terms of the Master Agreement Yes No

6. Is a bond required to be posted: Yes No If yes, the amount required is \$ N/A

7. Indicate whether additional insureds must be named on consultant policy: Yes No
If Yes, the named insured is: American Stores Properties, Inc.

8. Individuals and Entities Performing the Service. The following individuals and entities shall be primarily responsible for performing the Services:

<u>Name of Individual/ Entity</u>	<u>Licenses and Certificates</u>
Project Oversight : Nelson Gray, Environmental Services Mgr.	Project Manager/ Air Sampling Professional
On Site Personnel: Accredited Hygieneering employees	Project Manager/ Air Sampling Professional

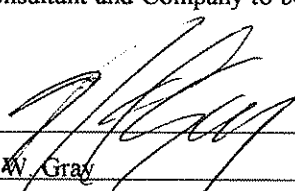
1 Issued by ASPI Environmental. Must be indicated on all project invoices.
2 This will either be for (i) general consulting services, (ii) remediation, or (iii) ACM abatement. The Master Agreement Date must correspond to the type of service authorized.

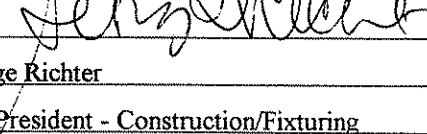
9. Schedule for Performance of Services. The Services shall be commenced on October 14, 1998 and completed on or before January 13, 1999, in accordance with the ASPI Final Construction Schedule and ASPI operations.
10. Acceptance of Work Authorization. Consultant shall consent to performing the Services in accordance with this Work Authorization, the Master Agreement and current billing requirements by signing in the signature block below and delivering an original executed copy of this Work Authorization to Company first by facsimile, the hard copy within 10 business days. If this Work Authorization is not timely signed by an authorized representative of the Company, it shall be deemed of no further force and effect.
11. Project Managers. Primary communications on this project will be between the project managers designated below. [Note that additional entities may require notice under the terms set forth in the Master Agreement.] Include phone/ fax numbers for both.

ASPI: American Stores Properties, Inc.
1955 West North Ave. Building F
Melrose Park, IL 60160-1181
Attn: George Richter
Phone: (708) 786-3035 Fax: (708) 786-3039

Consultant: Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521
Attn: Nelson W. Gray
Phone: (630) 654-2550 Fax: (630) 789-3813

IN WITNESS WHEREOF, this Work Authorization is executed by Consultant and Company to be effective as of October 26, 1998.

Consultant: Signature: 
 Name: Nelson W. Gray
 Title: Environmental Project Manager

Company: Signature: 
 Name: George Richter
 Title: Vice President - Construction/Fixturing

FOR AMERICAN STORES USE (ASPI ENVIRONMETNAL SALT LAKE CITY)		
JMS	Dbase	Dbase
Project #:	Category:	CFY:
Cost Code:	Type:	BC:
Entry by:	Entry by:	WC:
Date:	Date:	Ref Legal

ASBESTOS ABATEMENT SERVICES
WORK AUTHORIZATION

THIS WORK AUTHORIZATION is executed and delivered to UNIVERSAL ASBESTOS REMOVAL, INC. ("Contractor"), this 30th day of October by ASPI, a Delaware corporation ("Company"), pursuant to that certain MASTER AGREEMENT FOR ASBESTOS ABATEMENT SERVICES ("Master Agreement") by and between Company and Contractor, dated 09/15/95.

1. Scope of Services. Subject to the terms and conditions of the Master Agreement which are incorporated herein by reference, Company hereby authorizes and directs Consultant to provide the following asbestos abatement services ("Services"):

-0-

2. Attachments. The attachments to this Work Authorization identified below are incorporated herein by reference and made a part of this Work Authorization. (If there are no attachments, state "None".)

TIME & MATERIAL BID FORM

3. Property. The property ("Property") upon which the Services are to be performed is located at:

Company and Store Code: Jewel/Osco #01-11414/18-00016

Complete Address: 11414 S. Halsted Street

Chicago, Illinois 60628

4. Consideration. The consideration to be received by Contractor for the Services shall be paid and the schedule for payment shall be: Cost basis (time and materials) and estimate basis (fixed fee) in the not-to exceed amount of \$ 11,222.00

Each PCB ballast will be ~~\$10.00~~ each.

* Must be indicated on all project invoices

5. A Performance Bond is/is not (circle one) required in the amount of or exceeding \$_____.

6. Payment Bond is/is not (circle one) required in the amount of or pexceeding \$_____.

7. Contact information for subcontractor(s) if any:

Company Name: UNIVERSAL ASBESTOS REMOVAL, INC.

Name: ANTHONY ARMIJO

Address: 7751 W. 88TH STREET

BRIDGEVIEW, IL 60455

Phone: (708) 430-5044

Fax: (708) 430-2977

7. Environmental Consulting Firm providing project oversight and evaluation (if any):

Company Name: HYGINEERING, INC. (under separate contract with owner)

Name: NELSON GRAY

Address: 7575 Plaza Court

Willowbrook, IL 60521

Phone: 630-654-2550

Fax: 630-789-3813

8. Principal Personnel Performing the Services: The following contractors and subcontractors shall be primarily responsible for performing the Services:

<u>NAME</u>	<u>AFFILIATION</u>	<u>LICENSES & CERTIFICATE</u>
<u>UNIVERSAL ASBESTOS REMOVAL, INC.</u>		<u>IDPH 500-0115</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

9. Schedule For Performance of the Services: The Services shall be commenced on tbid and completed on or before as required.

10. Acceptance of Work Authorization. Contractor shall consent to performing the Services in accordance with this Work Authorization and the Master Agreement by signing in the signature block below and delivering an original executed copy of the Work Authorization to Company on or before _____. (If no time period is provided, this Work Authorization shall be deemed acceptable by Contractor is executed by Contractor and delivered to Company within ten (10) days from the date hereof.) If this Work Authorization is not timely accepted by Contractor, it shall be deemed of no further force and effect.

11. Notices. In addition to the individuals and entities set forth in the notice requirements of the Master Agreement, Company and Contractor shall provide notices to the following:

Company:

AMERICAN STORES PROPERTIES, INC.

1955 W. North Ave., Bldg. F
Melrose Park, IL 60180-1181

Phone: 708-786-3041

Fax: 708-786-3009

Contractor:

UNIVERSAL ASBESTOS REMOVAL, INC.

7751 W. 88TH STREET

BRIDGEVIEW, IL 60455

Phone: (708)430-5044

Fax: (708)430-2977

12. Assignment. If the Company her under is not ASPI, the parties acknowledge that the Master Agreement, as it pertains to this Work Authorization, has been assigned by ASPI, an affiliate of Company, to Company.

Signature  _____

Name Anthony Armijo
(Type or print)

Title President

Date 11/2/98

CONTRACTOR"

IN WITNESS WHEREOF. this Work Authorization is executed by Company as of _____
(Date)

Signature _____

Name _____
(Type or print)

Title _____

"COMPANY"

COMPLETED NOTIFICATION FORMS SUBMITTED



Universal Asbestos Removal Inc.

7751 W. 88th Street
Bridgeview, Illinois 60455

Telephone (708) 430-5044
Fax # (708) 430-2977

October 30, 1998

Mr. Dave Fodor
Illinois Environmental Protection Agency
2200 Churchill Road
P.O. Box 19726
Springfield, Il 62794-9276

Re: Jewel/Osco
11414 S. Halsted
Chicago, Il 60628

Dear Mr. Fodor,

This letter serves as a courtesy notification of work Universal Asbestos Removal, Inc. (UAR) will be performing at the referenced facility.

UAR will utilize wet hand scraping procedures to remove non-friable floor tile and mastic (approximately 6200 square feet.)

Work will be performed from 11/2/98 - 11/10/98, 11/23/98, 12/7/98, 12/14/98, 12/27/98, 1/11/99, from midnight until 6 AM.

If you require any additional information please call.

Sincerely,

UNIVERSAL ASBESTOS REMOVAL, INC.

A handwritten signature in cursive script, appearing to read 'Patrick T. Connolly'.

Patrick T. Connolly

PTC/cb

1370



Universal Asbestos Removal Inc.

7751 W. 88th Street
Bridgeview, Illinois 60455

Telephone (708) 430-5044
Fax # (708) 430-2977

October 30, 1998

Mr. John Kryl
Chicago Department of Environment
30 North La Salle, 25th Floor
Chicago, Il 60602-2575

Re: Jewel/Osco
11414 S. Halsted
Chicago, Il 60628

Dear Mr. Kryl,

This letter serves as a courtesy notification of work Universal Asbestos Removal, Inc. (UAR) will be performing at the referenced facility.

UAR will utilize wet hand scraping procedures to remove non-friable floor tile and mastic (approximately 6200 square feet.)

Work will be performed from 11/2/98 - 11/10/98, 11/23/98, 12/7/98, 12/14/98, 12/27/98, 1/11/99, from midnight until 6 AM.

If you require any additional information please call.

Sincerely,

UNIVERSAL ASBESTOS REMOVAL, INC.

Patrick T. Connolly

PTC/cb

ACM DATABASE UPDATED BY ASPI ENVIRONMENTAL

PRE-ABATEMENT CHECKLISTS AND LOGS

Pre Abatement Checklist

Client: ASPI - 11414 Halsted Project #: 98-5419-E
 Project: ACM FLOOR TILE ABATEMENT Location: MEZZANINE - WEST COOLER
 Date: 11/1/98 → 11-5-98 Hours: 11:00P -
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL ASBESTOS REMOVAL

Complete with Yes, No, or N/A

- YES 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable)
- YES 2. Emergency Phone List
- YES 3. Emergency Action Plan For Evacuation
- YES 4. Warning Signs Posted
- YES 5. Fire Extinguishers
- YES 6. Contractor Employee Checklist
(SS#'s, medical exams, worker licenses, EPA certificates)
- YES 7. Work Plan/Decon Unit Sketch
- YES 8. Work Area Preparation
 - YES a. Critical Barriers Established
 - N/A b. 6 mil. Poly on Floor Layers
 - YES c. Taped or Glued Seams @ 12" Intervals
 - YES d. Run Plastic Up Walls From Floor 24"
 - YES e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors
 - YES f. 4 mil. Poly on Walls Layers
 - NO g. Shut Down HVAC Equipment
 - NO h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches)
 - NO i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube
 - YES j. Walk Off Pan In Front of Equipment Room
 - NO h. Power Locked Out/ Tagged Out & GFCI Power Supply
- YES 9. Decontamination Unit Preparation
 - YES a. 6 mil. Poly on Floor Layers
 - NO b. 4 mil. Poly on Walls Layers
 - NO c. Shower - Water Tight Construction
 - N/A d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains)
 - N/A e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube
- NO 10. Shower
 - N/A a. Hot & Cold Water, Filtered to 5 Microns
 - N/A b. Soap, Shampoo & Towels
 - N/A c. Elevated Drain, 4" Sealed Catch Basin
- YES 11. MSDS For All Chemicals To Be Used On The Project
- YES 12. Safety Equipment On Site & In Working Order
(Respirators, GFCI, Safety Belts, Hard Hats, etc.)
- YES 13. Abatement Equipment On Site & In Working Order
(HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds)

Notes/Comments: _____

Project Manager on Site: Rich Zych Date: 11/1/98 - 11/5/98

On Disk

Daily Log

Client: ASPI - 11414 HALSTED Project #: 98-5419-E
 Project: ACM FLOOR TILE ABATEMENT Location: MEZZANINE - WEST COOLER
 Date: 11-1-98 Hours: 11:00P - 4:00A
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL

Description of work during shift: _____ Preclean _____ Prep _____ Clean _____ Glovebag
 _____ Repair/ Operations & Maintenance Work Gross Removal _____ Tear down _____ Clearance

Work Practices

Adequate PPE/ Respirator Type HM _____ PAPER Yes _____ No
 Proper Removal Techniques _____ Yes Yes _____ No
 Wet Methods _____ Yes Yes _____ No

Inspection Observations

Visual Inspection of Day's Performance (Entry Times)	#1		#2		#3	
Enclosure Smoke Tested		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Proper Warnings/ Signs	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Emergency Equipment in Place	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Intact & Functional Enclosures	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Air Filtration Units Operating (#)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
HEPA Filters Inspected		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Intact & Functional (Smoke Tested)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Clean & Properly Equipped	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Negative Pressure Maintained (-0.02)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
GFCI Tested with GFCI Tester		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Site Access Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Dumpster Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Yes _____ No _____ Not Applicable
 Sampling Yes _____ No _____
 Backgrounds # N/A 30 Min Excursion Limit #: 1 Personnel #: 1
 Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 2
 Clearance [TEM or PCM (circle one)]: # N/A Negative Air Exhaust # N/A
 On Site Analysis _____ Yes No _____ Not Applicable
 Bulk Material Samples # _____ Yes No _____ Not Applicable
 Analytical Request Forms Completed: _____ Yes _____ No Not Applicable

On Site Documentation

Paperwork Completed	<input checked="" type="checkbox"/> Yes _____ No	Photos Taken	_____ Yes <input checked="" type="checkbox"/> No
Daily Logs	<input checked="" type="checkbox"/> Yes _____ No	Daily Activity	<input checked="" type="checkbox"/> Yes _____ No
Air Sample Summary	<input checked="" type="checkbox"/> Yes _____ No	Sample Location Map	<input checked="" type="checkbox"/> Yes _____ No
Sign In Log	<input checked="" type="checkbox"/> Yes _____ No	Worker Checklist	<input checked="" type="checkbox"/> Yes _____ No
Any Accident/ Injuries	_____ Yes _____ No		_____ Yes <input checked="" type="checkbox"/> No
Office Updated Towards End of Shift:		BARRELS <u>4</u>	<input checked="" type="checkbox"/> Yes _____ No
Quantity of Material Removed	<u>255 sq. ft</u>	Number of Bags	<u>1</u> % Complete <u>100/26. ft</u>

Comments: 12' x 12' White Vinyl Floor Tile & Mastic; Dry Decon w/ HEPA Vac, OVERHEAD EXHAUST OPERATING.

Project Manager Signature: Rich Zych 11/1/98

Daily Log

Client: ASPI - 11414 HALSTED Project #: 98-5419-E
 Project: ACM FLOOR TILE ABATEMENT Location: EAST END JEWEL MEZZ.
 Date: 11-2-98 Hours: 11:00P - 5:00A
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL

Description of work during shift: _____ Preclean _____ Prep _____ Clean _____ Glovebag _____
 _____ Repair/ Operations & Maintenance Work Gross Removal _____ Tear down _____ Clearance _____

Work Practices

Adequate PPE/ Respirator Type HM _____ PAPR Yes _____ No
 Proper Removal Techniques Yes _____ No
 Wet Methods Yes _____ No

Inspection Observations

Visual Inspection of Day's Performance (Entry Times)	#1		#2		#3	
Enclosure Smoke Tested		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Proper Warnings/ Signs	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Emergency Equipment in Place	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Intact & Functional Enclosures	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Air Filtration Units Operating (#)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
HEPA Filters Inspected		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Intact & Functional (Smoke Tested)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Clean & Properly Equipped	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Negative Pressure Maintained (-0.02)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
GFCI Tested with GFCI Tester		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Site Access Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Dumpster Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Yes _____ No _____ Not Applicable
 Sampling Yes _____ No _____
 Backgrounds # N/A 30 Min Excursion Limit #: 1 Personnel #: 1
 Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 2
 Clearance [TEM or PCM (circle one): # N/A Negative Air Exhaust # N/A
 On Site Analysis _____ Yes No _____ Not Applicable
 Bulk Material Samples # _____ Yes No _____ Not Applicable
 Analytical Request Forms Completed: _____ Yes _____ No Not Applicable

On Site Documentation

Paperwork Completed Yes _____ No Photos Taken _____ Yes No
 Daily Logs Yes _____ No Daily Activity Yes _____ No
 Air Sample Summary Yes _____ No Sample Location Map Yes _____ No
 Sign In Log Yes _____ No Worker Checklist Yes _____ No
 Any Accident/ Injuries _____ Yes _____ No
 Office Updated Towards End of Shift: _____ Yes No _____

Quantity of Material Removed 815 s.f. # of BARRELS 8 Number of Bags 3 bags % Complete 100/sh.ft

Comments: 12" x 12" White/Beige w/ GREEN VINYL FLOOR TILE ; DRY DECON W/ HEPA VAC

Project Manager Signature: Rich Zych 11/2/98

Daily Log

Client: ASPI - 11414 HALSTED Project #: 98-5419-E
 Project: ACM FLOOR TILE ABATEMENT Location: LUNCHROOM (JEWEL)
 Date: 11-3-98 Hours: 11:00P - 5:00A
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL

Description of work during shift: _____ Preclean _____ Prep _____ Clean _____ Glovebag
 _____ Repair/ Operations & Maintenance Work Gross Removal _____ Tear down _____ Clearance

Work Practices

Adequate PPE/ Respirator Type HM _____ PAPER _____ Yes _____ No
 Proper Removal Techniques _____ Yes _____ No
 Wet Methods _____ Yes _____ No

Inspection Observations

	#1	2:00A	#2	3:50A	#3
Visual Inspection of Day's Performance (Entry Times)					
Enclosure Smoke Tested		Yes	No	<input checked="" type="checkbox"/>	Not Applicable
Proper Warnings/ Signs	<input checked="" type="checkbox"/>	Yes	No		Not Applicable
Emergency Equipment in Place	<input checked="" type="checkbox"/>	Yes	No		Not Applicable
Intact & Functional Enclosures	<input checked="" type="checkbox"/>	Yes	No		Not Applicable
Air Filtration Units Operating (#)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable
HEPA Filters Inspected		Yes	No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Intact & Functional (Smoke Tested)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Clean & Properly Equipped	<input checked="" type="checkbox"/>	Yes	No		Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable
Negative Pressure Maintained (-0.02)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable
GFCI Tested with GFCI Tester		Yes	No	<input checked="" type="checkbox"/>	Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled	<input checked="" type="checkbox"/>	Yes	No		Not Applicable
Site Access Secured at End of Shift	<input checked="" type="checkbox"/>	Yes	No		Not Applicable
Dumpster Secured at End of Shift	<input checked="" type="checkbox"/>	Yes	No		Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Yes _____ No _____ Not Applicable
 Sampling Yes _____ No _____
 Backgrounds # N/A 30 Min Excursion Limit #: 1 Personnel #: 1
 Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 2
 Clearance [TEM or PCM (circle one): # N/A Negative Air Exhaust # N/A
 On Site Analysis _____ Yes No _____ Not Applicable
 Bulk Material Samples # _____ Yes No _____ Not Applicable
 Analytical Request Forms Completed: _____ Yes _____ No Not Applicable

On Site Documentation

Paperwork Completed	<input checked="" type="checkbox"/> Yes	_____ No	Photos Taken	_____ Yes	<input checked="" type="checkbox"/> No
Daily Logs	<input checked="" type="checkbox"/> Yes	_____ No	Daily Activity	<input checked="" type="checkbox"/> Yes	_____ No
Air Sample Summary	<input checked="" type="checkbox"/> Yes	_____ No	Sample Location Map	<input checked="" type="checkbox"/> Yes	_____ No
Sign In Log	<input checked="" type="checkbox"/> Yes	_____ No	Worker Checklist	<input checked="" type="checkbox"/> Yes	_____ No
Any Accident/ Injuries				Yes	<input checked="" type="checkbox"/> No
Office Updated Towards End of Shift:			Barrels → <u>7</u>	<input checked="" type="checkbox"/> Yes	_____ No
Quantity of Material Removed	<u>825 sq ft</u>		Number of Bags <u>2 bags</u>		% Complete <u>100%</u>

Comments: 12" x 12" WHITE/BEIGE W/ GREEN VINYL FLOOR TILE & MASTIC;
DRY DECON WITH HEPA VAC

Project Manager Signature: _____

Rich Zych

Daily Log

Client: ASPI - 11414 HALSTED Project #: 98-5419-E
 Project: ACM FLOOR TILE ABATEMENT Location: WEST MEZZANINE
 Date: 11-4-98 Hours: 11:00P - 5:00A
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL

Description of work during shift: _____ Preclean _____ Prep _____ Clean _____ Glovebag _____
 _____ Repair/ Operations & Maintenance Work Gross Removal _____ Tear down _____ Clearance _____

Work Practices

Adequate PPE/ Respirator Type HM _____ PAPER _____ Yes _____ No _____
 Proper Removal Techniques Yes _____ Yes _____ No _____
 Wet Methods Yes _____ Yes _____ No _____

Inspection Observations

Visual Inspection of Day's Performance (Entry Times)	#1	<u>2:15A</u>	#2	<u>4:00A</u>	#3	
Enclosure Smoke Tested		Yes	No	<input checked="" type="checkbox"/>	Not Applicable	
Proper Warnings/ Signs	<input checked="" type="checkbox"/>	Yes	No		Not Applicable	
Emergency Equipment in Place	<input checked="" type="checkbox"/>	Yes	No		Not Applicable	
Intact & Functional Enclosures	<input checked="" type="checkbox"/>	Yes	No		Not Applicable	
Air Filtration Units Operating (#)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable	
HEPA Filters Inspected		Yes	No	<input checked="" type="checkbox"/>	Not Applicable	
Decon Unit Intact & Functional (Smoke Tested)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable	
Decon Unit Clean & Properly Equipped	<input checked="" type="checkbox"/>	Yes	No		Not Applicable	
Manometer Onsite (Required for IDPH and OSHA Class I Work)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable	
Negative Pressure Maintained (-0.02)		Yes	No	<input checked="" type="checkbox"/>	Not Applicable	
GFCI Tested with GFCI Tester		Yes	No	<input checked="" type="checkbox"/>	Not Applicable	
Debris Adequately Wet, Bagged, Sealed and Labeled	<input checked="" type="checkbox"/>	Yes	No		Not Applicable	
Site Access Secured at End of Shift	<input checked="" type="checkbox"/>	Yes	No		Not Applicable	
Dumpster Secured at End of Shift	<input checked="" type="checkbox"/>	Yes	No		Not Applicable	

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Yes _____ No _____ Not Applicable _____
 Sampling Yes _____ No _____
 Backgrounds # N/A 30 Min Excursion Limit #: 1 Personnel #: 1
 Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 2
 Clearance [TEM or PCM (circle one)]: # N/A Negative Air Exhaust # N/A
 On Site Analysis _____ Yes No _____ Not Applicable _____
 Bulk Material Samples # _____ Yes No _____ Not Applicable _____
 Analytical Request Forms Completed: _____ Yes _____ No Not Applicable _____

On Site Documentation

Paperwork Completed	<input checked="" type="checkbox"/> Yes _____ No	Photos Taken	_____ Yes <input checked="" type="checkbox"/> No
Daily Logs	<input checked="" type="checkbox"/> Yes _____ No	Daily Activity	<input checked="" type="checkbox"/> Yes _____ No
Air Sample Summary	<input checked="" type="checkbox"/> Yes _____ No	Sample Location Map	<input checked="" type="checkbox"/> Yes _____ No
Sign In Log	<input checked="" type="checkbox"/> Yes _____ No	Worker Checklist	<input checked="" type="checkbox"/> Yes _____ No
Any Accident/ Injuries	_____ Yes <input checked="" type="checkbox"/> No		
Office Updated Towards End of Shift:	_____ Yes <input checked="" type="checkbox"/> No		
Quantity of Material Removed	<u>660 s.f.</u>	Number of Bags	<u>BARBERS 7 3 BAGS</u>
		% Complete	<u>100/shift</u>

Comments: 12'x12" White/BEIGE VINYL FLOOR TILE & MASTIC, DRY DECON WITH HEPA VAC

Project Manager Signature: Rich Zych 11/4/98

Daily Log

Client: ASPI - 11414 HALSTED Project #: 98-54A-E
 Project: ACM FLOOR TILE ABATEMENT Location: SIGN SHOP; OSCONESTIBULE
 Date: 11-5-98 Hours: 11:00P - 5:00A
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL

Description of work during shift: _____ Preclean _____ Prep _____ Clean _____ Glovebag
 _____ Repair/ Operations & Maintenance Work Gross Removal _____ Tear down _____ Clearance

Work Practices

Adequate PPE/ Respirator Type HM _____ PAPR Yes _____ No
 Proper Removal Techniques _____ Yes _____ No
 Wet Methods _____ Yes _____ No

Inspection Observations

Visual Inspection of Day's Performance (Entry Times)	#1		#2		#3	
Enclosure Smoke Tested		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Proper Warnings/ Signs	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Emergency Equipment in Place	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Intact & Functional Enclosures	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Air Filtration Units Operating (#)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
HEPA Filters Inspected		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Intact & Functional (Smoke Tested)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Clean & Properly Equipped	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Negative Pressure Maintained (-0.02)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
GFCI Tested with GFCI Tester		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Site Access Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Dumpster Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Yes _____ No _____ Not Applicable
 Sampling Yes _____ No _____
 Backgrounds # N/A 30 Min Excursion Limit #: 1 Personnel #: 1
 Environmentals (Inside Work Area) # 2 Environmentals (Outside Work Area) # 3
 Clearance [TEM or PCM (circle one): # N/A Negative Air Exhaust # N/A
 On Site Analysis _____ Yes No _____ Not Applicable
 Bulk Material Samples # _____ Yes No _____ Not Applicable
 Analytical Request Forms Completed: _____ Yes _____ No Not Applicable

On Site Documentation

Paperwork Completed	<input checked="" type="checkbox"/> Yes	_____ No	Photos Taken	_____ Yes	<input checked="" type="checkbox"/> No
Daily Logs	<input checked="" type="checkbox"/> Yes	_____ No	Daily Activity	<input checked="" type="checkbox"/> Yes	_____ No
Air Sample Summary	<input checked="" type="checkbox"/> Yes	_____ No	Sample Location Map	<input checked="" type="checkbox"/> Yes	_____ No
Sign In Log	<input checked="" type="checkbox"/> Yes	_____ No	Worker Checklist	<input checked="" type="checkbox"/> Yes	_____ No
Any Accident/ Injuries	_____ Yes	_____ No		_____ Yes	<input checked="" type="checkbox"/> No
Office Updated Towards End of Shift:			# of Barrels	<u>3</u>	<input checked="" type="checkbox"/> Yes _____ No
Quantity of Material Removed	<u>320 s.f.</u>		Number of Bags	<u>3</u>	% Complete <u>100/shift</u>

Comments: 12"x12" White Vinyl and 12"x12" White/BEIGE w/GREEN VINYL FLOOR TILES IN TWO SEPARATE LOCATIONS DRY DECON WITH HEPA VAC AND OVER HEAD EXHAUST OPERATING. BLACK POLY ON DOORS.

Project Manager Signature: Rich Zych 11/5/98

Pre Abatement Checklist

Client: ASPI-11414 HALSTED Project #: 98-5419-E
 Project: ACM FLOOR TILE ABATEMENT Location: _____
 Date: 11/8/98 Hours: 11:00P -
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL

Complete with Yes, No, or N/A

- YES 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable)
- YES 2. Emergency Phone List
- YES 3. Emergency Action Plan For Evacuation
- YES 4. Warning Signs Posted
- YES 5. Fire Extinguishers
- YES 6. Contractor Employee Checklist
(SS#'s, medical exams, worker licenses, EPA certificates)
- YES 7. Work Plan/Decon Unit Sketch
- YES 8. Work Area Preparation
 - YES a. Critical Barriers Established
 - YES b. 6 mil. Poly on Floor Layers
 - YES c. Taped or Glued Seams @ 12" Intervals
 - YES d. Run Plastic Up Walls From Floor 24"
 - YES e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors
 - YES f. 4 mil. Poly on Walls Layers
 - NO g. Shut Down HVAC Equipment
 - N/A h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches)
 - N/A i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube
 - YES j. Walk Off Pan In Front of Equipment Room
 - N/A h. Power Locked Out/ Tagged Out & GFCI Power Supply
- YES 9. Decontamination Unit Preparation
 - YES a. 6 mil. Poly on Floor Layers
 - N/A b. 4 mil. Poly on Walls Layers
 - N/A c. Shower - Water Tight Construction
 - N/A d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains)
 - N/A e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube
- N/A 10. Shower
 - N/A a. Hot & Cold Water, Filtered to 5 Microns
 - N/A b. Soap, Shampoo & Towels
 - N/A c. Elevated Drain, 4" Sealed Catch Basin
- YES 11. MSDS For All Chemicals To Be Used On The Project
- YES 12. Safety Equipment On Site & In Working Order
(Respirators, GFCI, Safety Belts, Hard Hats, etc.)
- YES 13. Abatement Equipment On Site & In Working Order
(HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds)

Notes/Comments: DRY DECON w/ HEPA VAC

Project Manager on Site: Rich Zych Date: 11-7-98

On Disk

Daily Log

Client: ASPI - 11414 HALSTED Project #: 98-5419-E
 Project: AKM FLOOR TILE ABATEMENT Location: MEAT COOLER; AISLE 2
 Date: 11-8-98 Hours: 1100P - 5:30A
 Senior Project Manager: NELSON GRAY Onsite Project Manager: RICH ZYCH
 Contractor(s): UNIVERSAL

Description of work during shift: _____ Preclean _____ Prep _____ Clean _____ Glovebag _____
 _____ Repair/ Operations & Maintenance Work Gross Removal _____ Tear down _____ Clearance

Work Practices

Adequate PPE/ Respirator Type HM _____ PAPER _____ Yes _____ No
 Proper Removal Techniques Yes _____ No
 Wet Methods Yes _____ No

Inspection Observations

Visual Inspection of Day's Performance (Entry Times)	#1		#2		#3	
Enclosure Smoke Tested		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Proper Warnings/ Signs	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Emergency Equipment in Place	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Intact & Functional Enclosures	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Air Filtration Units Operating (#)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
HEPA Filters Inspected		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Intact & Functional (Smoke Tested)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Decon Unit Clean & Properly Equipped	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Negative Pressure Maintained (-0.02)		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
GFCI Tested with GFCI Tester		Yes		No	<input checked="" type="checkbox"/>	Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Site Access Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable
Dumpster Secured at End of Shift	<input checked="" type="checkbox"/>	Yes		No		Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Yes _____ No _____ Not Applicable
 Sampling Yes _____ No _____
 Backgrounds # N/A 30 Min Excursion Limit # 1 Personnel #: 1
 Environmentals (Inside Work Area) # 2 Environmentals (Outside Work Area) # 4
 Clearance [TEM or PCM (circle one): # N/A Negative Air Exhaust # N/A
 On Site Analysis _____ Yes No _____ Not Applicable
 Bulk Material Samples # _____ Yes No _____ Not Applicable
 Analytical Request Forms Completed: _____ Yes _____ No Not Applicable

On Site Documentation

Paperwork Completed	<input checked="" type="checkbox"/> Yes _____ No	Photos Taken	_____ Yes <input checked="" type="checkbox"/> No
Daily Logs	<input checked="" type="checkbox"/> Yes _____ No	Daily Activity	<input checked="" type="checkbox"/> Yes _____ No
Air Sample Summary	<input checked="" type="checkbox"/> Yes _____ No	Sample Location Map	<input checked="" type="checkbox"/> Yes _____ No
Sign In Log	<input checked="" type="checkbox"/> Yes _____ No	Worker Checklist	<input checked="" type="checkbox"/> Yes _____ No
Any Accident/ Injuries	_____ Yes _____ No		_____ Yes <input checked="" type="checkbox"/> No
Office Updated Towards End of Shift:		# of Barrels	<u>5</u> _____ Yes _____ No
Quantity of Material Removed	<u>585 s.f.</u>	Number of Bags	_____ % Complete <u>100</u>

Comments: 12"x12" White Vinyl FLOOR TILE #MASTIC, DRY DECON WITH HEPA VAC, OVER HEAD EXHAUST OPERATING.

Project Manager Signature: Rich Zych 11-8-98



Pre Abatement Checklist

Client: ASPI Project #: 98-5419
Project: Floor tile and mastic Location: 11914 S. Halsted
Date: 11/9/98 Hours: 11:00-7:00 AM
Senior Project Manager: Nelson Gandy Onsite Project Manager: D. Kumbas
Contractor(s): UAB

Complete with Yes, No, or N/A

- 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable) YES
2. Emergency Phone List YES
3. Emergency Action Plan For Evacuation YES
4. Warning Signs Posted YES
5. Fire Extinguishers YES
6. Contractor Employee Checklist (SS#'s, medical exams, worker licenses, EPA certificates) YES
7. Work Plan/Decon Unit Sketch YES
8. Work Area Preparation YES
a. Critical Barriers Established YES
b. 6 mil. Poly on Floor [] Layers NO
c. Taped or Glued Seams @ 12" Intervals YES
d. Run Plastic Up Walls From Floor 24" YES
e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors N/A
f. 4 mil. Poly on Walls [] Layers N/A
g. Shut Down HVAC Equipment N/A
h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches) N/A
i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube N/A
j. Walk Off Pan In Front of Equipment Room YES
h. Power Locked Out/ Tagged Out & GFCI Power Supply YES
9. Decontamination Unit Preparation N/A
a. 6 mil. Poly on Floor [] Layers YES
b. 4 mil. Poly on Walls [] Layers NO
c. Shower - Water Tight Construction YES
d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains) YES
e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
10. Shower NO
a. Hot & Cold Water, Filtered to 5 Microns YES
b. Soap, Shampoo & Towels YES
c. Elevated Drain, 4" Sealed Catch Basin YES
11. MSDS For All Chemicals To Be Used On The Project YES
12. Safety Equipment On Site & In Working Order (Respirators, GFCI, Safety Belts, Hard Hats, etc.) YES
13. Abatement Equipment On Site & In Working Order (HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds) YES

Notes/Comments:

Project Manager on Site: D.O. RL Date: 11/9/98

[] On Disk



Daily Log

Client: ASPZ Project #: 98-5419
Project: floor tile and mastic Location: 1144 S. Halsted
Date: 11/19/98 Hours: 1100-700am
Senior Project Manager: Nelson G. ... Onsite Project Manager: D. Rumschies
Contractor(s): UAR

Description of work during shift: Preclean, Prep, Clean, Glovebag, Repair/Operations & Maintenance Work, Gross Removal, Tear down, Clearance

Work Practices

Adequate PPE/ Respirator Type: HM, PAPR, Yes/No
Proper Removal Techniques: Yes/No
Wet Methods: Yes/No

Inspection Observations

Table with 3 columns (#1, #2, #3) and rows for Visual Inspection of Day's Performance (Entry Times), Enclosure Smoke Tested, Proper Warnings/ Signs, Emergency Equipment in Place, Intact & Functional Enclosures, Air Filtration Units Operating, HEPA Filters Inspected, Decon Unit Intact & Functional, Decon Unit Clean & Properly Equipped, Manometer Onsite, Negative Pressure Maintained, GFCI Tested, Debris Adequately Wet, Site Access Secured, Dumpster Secured.

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Sampling: Yes/No/Not Applicable
Backgrounds #: 0, 30 Min Excursion Limit #: 1, Personnel #: 1
Environmentals (Inside Work Area) #: 1, Environmentals (Outside Work Area) #: 1
Clearance [TEM or PCM (circle one)]: # 0, Negative Air Exhaust #: 0
On Site Analysis: Yes/No/Not Applicable
Bulk Material Samples #: Yes/No/Not Applicable
Analytical Request Forms Completed: Yes/No/Not Applicable

On Site Documentation

Paperwork Completed: Yes/No, Photos Taken: Yes/No
Daily Logs: Yes/No, Daily Activity: Yes/No
Air Sample Summary: Yes/No, Sample Location Map: Yes/No
Sign In Log: Yes/No, Worker Checklist: Yes/No
Any Accident/ Injuries: Yes/No
Office Updated Towards End of Shift: Yes/No
Quantity of Material Removed: 300 sq ft, Number of Bags: 3 Baggie, % Complete: w/a

Comments:

Project Manager Signature: [Signature]



Pre Abatement Checklist

Client: ASDL Project #: 98-5419-E
Project: Floor Tile and Mastic Location: 11414 74th St
Date: 11/24/98 Hours: 1100-700AM
Senior Project Manager: Nelson George Onsite Project Manager: P. Kumbhas
Contractor(s): Universal

Complete with Yes, No, or N/A

- 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable) YES
2. Emergency Phone List YES
3. Emergency Action Plan For Evacuation YES
4. Warning Signs Posted YES
5. Fire Extinguishers YES
6. Contractor Employee Checklist (SS#'s, medical exams, worker licenses, EPA certificates) YES
7. Work Plan/Decon Unit Sketch YES
8. Work Area Preparation
a. Critical Barriers Established YES
b. 6 mil. Poly on Floor [X] Layers N/A
c. Taped or Glued Seams @ 12" Intervals YES
d. Run Plastic Up Walls From Floor 24" YES
e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors YES
f. 4 mil. Poly on Walls [] Layers YES
g. Shut Down HVAC Equipment YES
h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches) NO
i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube N/A
j. Walk Off Pan In Front of Equipment Room YES
h. Power Locked Out/ Tagged Out & GFCI Power Supply YES
9. Decontamination Unit Preparation
a. 6 mil. Poly on Floor [] Layers YES
b. 4 mil. Poly on Walls [] Layers YES
c. Shower - Water Tight Construction N/A
d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains) N/A
e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube NO
10. Shower
a. Hot & Cold Water, Filtered to 5 Microns YES
b. Soap, Shampoo & Towels YES
c. Elevated Drain, 4" Sealed Catch Basin YES
11. MSDS For All Chemicals To Be Used On The Project YES
12. Safety Equipment On Site & In Working Order (Respirators, GFCI, Safety Belts, Hard Hats, etc.) YES
13. Abatement Equipment On Site & In Working Order (HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds) YES

Notes/Comments:

Project Manager on Site:

[Signature]

Date:

11/24/98

[] On Disk



Daily Log

Client: ASPIL Project #: 98
Project: Floors tile modic Location: Hotsch
Date: 11/24/98 Hours: 1100-2700
Senior Project Manager: Nelson Gray Onsite Project Manager: D. Rumbach
Contractor(s): UAR

Description of work during shift: Preclean ___ Prep ___ Clean ___ Glovebag ___
Repair/ Operations & Maintenance Work ___ Gross Removal ___ Tear down ___ Clearance ___

Work Practices

Adequate PPE/ Respirator Type < HM ___ PAPER X Yes ___ No
Proper Removal Techniques X Yes ___ No
Wet Methods X Yes ___ No

Inspection Observations

Visual Inspection of Day's Performance (Entry Times) #1 1130 #2 100 #3 145
Enclosure Smoke Tested X Yes ___ No ___ Not Applicable
Proper Warnings/ Signs < Yes ___ No ___ Not Applicable
Emergency Equipment in Place X Yes ___ No ___ Not Applicable
Intact & Functional Enclosures X Yes ___ No ___ Not Applicable
Air Filtration Units Operating (#) ___ Yes ___ No X Not Applicable
HEPA Filters Inspected ___ Yes ___ No X Not Applicable
Decon Unit Intact & Functional (Smoke Tested) X Yes ___ No ___ Not Applicable
Decon Unit Clean & Properly Equipped X Yes ___ No ___ Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work) ___ Yes ___ No X Not Applicable
Negative Pressure Maintained (-0.02) ___ Yes ___ No X Not Applicable
GFCI Tested with GFCI Tester X Yes ___ No ___ Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled X Yes ___ No ___ Not Applicable
Site Access Secured at End of Shift X Yes ___ No ___ Not Applicable
Dumpster Secured at End of Shift X Yes ___ No ___ Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work X Yes ___ No ___ Not Applicable
Sampling X Yes ___ No ___ Not Applicable
Backgrounds # 0 30 Min Excursion Limit #: Personnel #: 1
Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 1
Clearance [TEM or PCM (circle one): # 0 Negative Air Exhaust # 0
On Site Analysis ___ Yes X No ___ Not Applicable
Bulk Material Samples # ___ Yes ___ No X Not Applicable
Analytical Request Forms Completed: X Yes ___ No ___ Not Applicable

On Site Documentation

Paperwork Completed < Yes ___ No Photos Taken ___ Yes X No
Daily Logs X Yes ___ No Daily Activity X Yes ___ No
Air Sample Summary X Yes ___ No Sample Location Map X Yes ___ No
Sign In Log X Yes ___ No Worker Checklist X Yes ___ No
Any Accident/ Injuries ___ Yes X No
Office Updated Towards End of Shift: X Yes ___ No
Quantity of Material Removed 550 500 Number of Bags % Complete N/A

Comments:

Project Manager Signature:

[Handwritten Signature]



Pre Abatement Checklist

Client: ASPT Project #: 98 5419E
Project: JES # 114 Location: 114 HAIST RD
Date: 12-1-98 Hours: 1100P - 6 100AM
Senior Project Manager: N-6 Onsite Project Manager: [Signature]
Contractor(s): UAR

Complete with Yes, No, or N/A

- 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable) YES
2. Emergency Phone List YES
3. Emergency Action Plan For Evacuation N/A
4. Warning Signs Posted YES
5. Fire Extinguishers YES
6. Contractor Employee Checklist (SS#'s, medical exams, worker licenses, EPA certificates) YES
7. Work Plan/Decon Unit Sketch N/A
8. Work Area Preparation YES
a. Critical Barriers Established YES
b. 6 mil. Poly on Floor [X] Layers YES
c. Taped or Glued Seams @ 12" Intervals N/A
d. Run Plastic Up Walls From Floor 24" N/A
e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors N/A
f. 4 mil. Poly on Walls [X] Layers YES
g. Shut Down HVAC Equipment N/A
h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches) N/A
i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube N/A
j. Walk Off Pan In Front of Equipment Room N/A
h. Power Locked Out/ Tagged Out & GFCI Power Supply N/A
9. Decontamination Unit Preparation YES
a. 6 mil. Poly on Floor [] Layers YES
b. 4 mil. Poly on Walls [] Layers N/A
c. Shower - Water Tight Construction N/A
d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains) N/A
e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube N/A
10. Shower N/A
a. Hot & Cold Water, Filtered to 5 Microns N/A
b. Soap, Shampoo & Towels N/A
c. Elevated Drain, 4" Sealed Catch Basin N/A
11. MSDS For All Chemicals To Be Used On The Project YES
12. Safety Equipment On Site & In Working Order (Respirators, GFCI, Safety Belts, Hard Hats, etc.) YES
13. Abatement Equipment On Site & In Working Order (HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds) YES

Notes/Comments: Removal of GSF

Project Manager on Site: [Signature] Date: 12-1-98

[] On Disk



Daily Log

Client: MSPR Project #: 985419E
Project: JFS 114 Location: 114 HANSTER
Date: 12-1-98 Hours: 1100am - 1000am
Senior Project Manager: NG Onsite Project Manager: [Signature]
Contractor(s): UAR

Description of work during shift: ___ Preclean ___ LPrep ___ Clean ___ Glovebag
___ Repair/ Operations & Maintenance Work ___ Gross Removal ___ Tear down ___ Clearance

Work Practices

Adequate PPE/ Respirator Type ___ HM ___ PAPR ___ Yes ___ No
Proper Removal Techniques ___ Yes ___ No
Wet Methods ___ Yes ___ No

Inspection Observations

Table with 4 columns: Observation, #1, #2, #3. Rows include Visual Inspection of Day's Performance (Entry Times), Enclosure Smoke Tested, Proper Warnings/ Signs, Emergency Equipment in Place, Intact & Functional Enclosures, Air Filtration Units Operating (#), HEPA Filters Inspected, Decon Unit Intact & Functional (Smoke Tested), Decon Unit Clean & Properly Equipped, Manometer Onsite (Required for IDPH and OSHA Class I Work), Negative Pressure Maintained (-0.02), GFCI Tested with GFCI Tester, Debris Adequately Wet, Bagged, Sealed and Labeled, Site Access Secured at End of Shift, Dumpster Secured at End of Shift.

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Sampling ___ Yes ___ No ___ Not Applicable
Backgrounds # 0 30 Min Excursion Limit #: 2 Personnel #: 0
Environmentals (Inside Work Area) # ___ Environmentals (Outside Work Area) # 1
Clearance [TEM or PCM (circle one): # N/A Negative Air Exhaust # 0
On Site Analysis ___ Yes ___ No ___ Not Applicable
Bulk Material Samples # ___ Yes ___ No ___ Not Applicable
Analytical Request Forms Completed: ___ Yes ___ No ___ Not Applicable

On Site Documentation

Paperwork Completed ___ Yes ___ No Photos Taken ___ Yes ___ No
Daily Logs ___ Yes ___ No Daily Activity ___ Yes ___ No
Air Sample Summary ___ Yes ___ No Sample Location Map ___ Yes ___ No
Sign In Log ___ Yes ___ No Worker Checklist ___ Yes ___ No
Any Accident/ Injuries ___ Yes ___ No
Office Updated Towards End of Shift: ___ Yes ___ No
Quantity of Material Removed 6 SF Number of Bags 3 % Complete 100

Comments: _____

Project Manager Signature: _____

[Handwritten Signature]



Daily Log

Client: ASPI Project #: 935419E
Project: JFS 06-114 Location: 114 Halsted
Date: 12-3-98 Hours: 1200-600
Senior Project Manager: N.G. Onsite Project Manager: RL
Contractor(s): UAR

Description of work during shift:
Repair/ Operations & Maintenance Work
Preclean Prep Clean Glovebag
Gross Removal Tear down Clearance

Work Practices
Adequate PPE/ Respirator Type HM PAPR Yes No
Proper Removal Techniques Yes No
Wet Methods Yes No

Inspection Observations table with columns #1, #2, #3 and rows for Visual Inspection of Day's Performance (Entry Times), Enclosure Smoke Tested, Proper Warnings/ Signs, etc.

Air Monitoring and Sample Collection
Visual Inspection of this Shift's Work
Sampling
Backgrounds # 2/13 30 Min Excursion Limit #: 1 Personnel #: 1
Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 2
Clearance [TEM or PCM (circle one): # 2/10 Negative Air Exhaust # 2/10
On Site Analysis Yes No Not Applicable
Bulk Material Samples # Yes No Not Applicable
Analytical Request Forms Completed: Yes No Not Applicable

On Site Documentation
Paperwork Completed Yes No Photos Taken Yes No
Daily Logs Yes No Daily Activity Yes No
Air Sample Summary Yes No Sample Location Map Yes No
Sign In Log Yes No Worker Checklist Yes No
Any Accident/ Injuries Yes No
Office Updated Towards End of Shift: Yes No
Quantity of Material Removed 650 SF Number of Bags 8 BARRI % Complete 100

Comments:

Project Manager Signature: [Signature]



Pre Abatement Checklist

Client: ASPJ Project #: 98-5419-E
Project: 11414 S. HALSTED PM/ASP - FLOOR Location: 11414 S. HALSTED ST. CHICAGO
Date: 12-8-98 Hours: 11:30 PM - 3 AM
Senior Project Manager: NELSON G. Onsite Project Manager: Geoff PyKA
Contractor(s): U.A.R.

Complete with Yes, No, or N/A

- 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable) YES
2. Emergency Phone List YES
3. Emergency Action Plan For Evacuation YES
4. Warning Signs Posted YES
5. Fire Extinguishers YES
6. Contractor Employee Checklist (SS#'s, medical exams, worker licenses, EPA certificates) YES
7. Work Plan/Decon Unit Sketch YES
8. Work Area Preparation YES
a. Critical Barriers Established YES
b. 6 mil. Poly on Floor [] Layers N/A
c. Taped or Glued Seams @ 12" Intervals YES
d. Run Plastic Up Walls From Floor 24" YES
e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors YES
f. 6 mil. Poly on Walls [X] Layers YES
g. Shut Down HVAC Equipment N/A
h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches) N/A
i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
j. Walk Off Pan In Front of Equipment Room N/A
h. Power Locked Out/ Tagged Out & GFCI Power Supply N/A
9. Decontamination Unit Preparation YES
a. 6 mil. Poly on Floor [] Layers YES
b. 6 mil. Poly on Walls [] Layers YES
c. Shower - Water Tight Construction N/A
d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains) YES
e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
10. Shower YES
a. Hot & Cold Water, Filtered to 5 Microns YES
b. Soap, Shampoo & Towels YES
c. Elevated Drain, 4" Sealed Catch Basin YES
11. MSDS For All Chemicals To Be Used On The Project YES
12. Safety Equipment On Site & In Working Order (Respirators, GFCI, Safety Belts, Hard Hats, etc.) YES
13. Abatement Equipment On Site & In Working Order (HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds) YES

Notes/Comments:

Project Manager on Site: G.P. Date: 12-8-98

[] On Disk



Daily Log

Client: ASPJ Project #: 98-5419-E
Project: 11414 S. HALSTED PM/ASP - FLOOR Location: 11414 S. HALSTED ST. CHICAGO
Date: 12-8-98 Hours: 11:30 PM - 3 AM
Senior Project Manager: NELSON G. Onsite Project Manager: GEORGE PYKA
Contractor(s): U.A.R.

Description of work during shift:
[X] Preclean [X] Prep [] Clean [] Glovebag
[] Repair/ Operations & Maintenance Work [X] Gross Removal [X] Tear down [] Clearance

Work Practices

Adequate PPE/ Respirator Type [X] HM [] PAPER [X] Yes [] No
Proper Removal Techniques [X] Yes [] No
Wet Methods [X] Yes [] No

Inspection Observations

Table with 3 columns for shifts: #1 12AM, #2 2AM, #3 3AM. Rows include Visual Inspection of Day's Performance, Enclosure Smoke Tested, Proper Warnings/ Signs, Emergency Equipment in Place, Intact & Functional Enclosures, Air Filtration Units Operating, HEPA Filters Inspected, Decon Unit Intact & Functional, Decon Unit Clean & Properly Equipped, Manometer Onsite, Negative Pressure Maintained, GFCI Tested, Debris Adequately Wet, Bagged, Sealed and Labeled, Site Access Secured, Dumpster Secured.

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work Sampling
Backgrounds # 0 30 Min Excursion Limit #: 1 Personnel #: 1
Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 1
Clearance [TEM or PCM (circle one): # 0 Negative Air Exhaust # 0
On Site Analysis [] Yes [X] No [] Not Applicable
Bulk Material Samples # [] Yes [X] No [] Not Applicable
Analytical Request Forms Completed: [] Yes [X] No [] Not Applicable

On Site Documentation

Paperwork Completed [X] Yes [] No Photos Taken [] Yes [X] No
Daily Logs [X] Yes [] No Daily Activity [X] Yes [] No
Air Sample Summary [X] Yes [] No Sample Location Map [X] Yes [] No
Sign In Log [X] Yes [] No Worker Checklist [] Yes [X] No
Any Accident/ Injuries [] Yes [X] No
Office Updated Towards End of Shift: [] Yes [X] Yes [] No
Quantity of Material Removed 350 lb? Number of Drums = 3 Number of Bags = 2 % Complete 100

Comments: FLOOR TR & MASTIC

DRY DECON W/ HEPA VAC.
WASTE TRANSPORTED OFF SITE BY U.A.R.

Project Manager Signature: [Signature]



Pre Abatement Checklist

Client: ASL Project #: 78 5419
Project: PEPL, MC / mastic Location: 11414 HALSTED
Date: 12/15/98 Hours: 1100-700
Senior Project Manager: D. Johnson Onsite Project Manager: D. Johnson
Contractor(s): UAL

Complete with Yes, No, or N/A

- 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable) YES
2. Emergency Phone List YES
3. Emergency Action Plan For Evacuation YES
4. Warning Signs Posted YES
5. Fire Extinguishers YES
6. Contractor Employee Checklist YES (SS#'s, medical exams, worker licenses, EPA certificates)
7. Work Plan/Decon Unit Sketch YES
8. Work Area Preparation YES
a. Critical Barriers Established YES
b. 6 mil. Poly on Floor [] Layers NO
c. Taped or Glued Seams @ 12" Intervals YES
d. Run Plastic Up Walls From Floor 24" YES
e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors NO
f. 4 mil. Poly on Walls [] Layers YES
g. Shut Down HVAC Equipment NO
h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches) NO
i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
j. Walk Off Pan In Front of Equipment Room YES
h. Power Locked Out/ Tagged Out & GFCI Power Supply YES
9. Decontamination Unit Preparation YES
a. 6 mil. Poly on Floor [] Layers YES
b. 4 mil. Poly on Walls [] Layers NO
c. Shower - Water Tight Construction YES
d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains) YES
e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
10. Shower YES
a. Hot & Cold Water, Filtered to 5 Microns YES
b. Soap, Shampoo & Towels YES
c. Elevated Drain, 4" Sealed Catch Basin YES
11. MSDS For All Chemicals To Be Used On The Project YES
12. Safety Equipment On Site & In Working Order (Respirators, GFCI, Safety Belts, Hard Hats, etc.) YES
13. Abatement Equipment On Site & In Working Order (HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds) YES

Notes/Comments:

Project Manager on Site:

[Signature]

Date:

12/15/98

[] On Disk



Daily Log

Client: ASPF Project #: 98 5419
Project: Floor Tile Location: 11414 Halsted
Date: 12/15/98 Hours: 1600-760
Senior Project Manager: Jackson Onsite Project Manager: D. Rindens
Contractor(s): UAR

Description of work during shift: ___ Preclean ___ Prep ___ Clean ___ Glovebag
___ Repair/ Operations & Maintenance Work ___ Gross Removal ___ Tear down ___ Clearance

Work Practices

Adequate PPE/ Respirator Type: ___ HM ___ PAPR ___ Yes ___ No
Proper Removal Techniques: ___ Yes ___ No
Wet Methods: ___ Yes ___ No

Inspection Observations

Visual Inspection of Day's Performance (Entry Times) #1 1100 #2 1200 #3 200
Enclosure Smoke Tested: ___ Yes ___ No ___ Not Applicable
Proper Warnings/ Signs: ___ Yes ___ No ___ Not Applicable
Emergency Equipment in Place: ___ Yes ___ No ___ Not Applicable
Intact & Functional Enclosures: ___ Yes ___ No ___ Not Applicable
Air Filtration Units Operating (#): ___ Yes ___ No ___ Not Applicable
HEPA Filters Inspected: ___ Yes ___ No ___ Not Applicable
Decon Unit Intact & Functional (Smoke Tested): ___ Yes ___ No ___ Not Applicable
Decon Unit Clean & Properly Equipped: ___ Yes ___ No ___ Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work): ___ Yes ___ No ___ Not Applicable
Negative Pressure Maintained (-0.02): ___ Yes ___ No ___ Not Applicable
GFCI Tested with GFCI Tester: ___ Yes ___ No ___ Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled: ___ Yes ___ No ___ Not Applicable
Site Access Secured at End of Shift: ___ Yes ___ No ___ Not Applicable
Dumpster Secured at End of Shift: ___ Yes ___ No ___ Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work: ___ Yes ___ No ___ Not Applicable
Sampling: ___ Yes ___ No
Backgrounds #: 0 30 Min Excursion Limit #: 2 Personnel #: 1
Environmentals (Inside Work Area) #: 1 Environmentals (Outside Work Area) #: 1
Clearance [TEM or PCM (circle one)]: # 2 Negative Air Exhaust #: 6
On Site Analysis: ___ Yes ___ No ___ Not Applicable
Bulk Material Samples #: ___ Yes ___ No ___ Not Applicable
Analytical Request Forms Completed: ___ Yes ___ No ___ Not Applicable

On Site Documentation

Paperwork Completed: ___ Yes ___ No Photos Taken: ___ Yes ___ No
Daily Logs: ___ Yes ___ No Daily Activity: ___ Yes ___ No
Air Sample Summary: ___ Yes ___ No Sample Location Map: ___ Yes ___ No
Sign In Log: ___ Yes ___ No Worker Checklist: ___ Yes ___ No
Any Accident/ Injuries: ___ Yes ___ No
Office Updated Towards End of Shift: ___ Yes ___ No
Quantity of Material Removed: 250 347# Number of Bags: 2 Burets % Complete: 100%

Comments:

Project Manager Signature: [Signature]



Pre Abatement Checklist

Client: ASPE Food Stores Project #: 98-5419-E
Project: Floor tile and Mastic Location: 11414 Halsted
Date: 1/4/99 Hours: 1100-700
Senior Project Manager: Nelson Gacy Onsite Project Manager: D. Rumshes
Contractor(s): Universal Asbestos Removal

Complete with Yes, No, or N/A

- 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable) YES
2. Emergency Phone List YES
3. Emergency Action Plan For Evacuation YES
4. Warning Signs Posted YES
5. Fire Extinguishers YES
6. Contractor Employee Checklist (SS#'s, medical exams, worker licenses, EPA certificates) YES
7. Work Plan/Decon Unit Sketch YES
8. Work Area Preparation
a. Critical Barriers Established YES
b. 6 mil. Poly on Floor [] Layers NO
c. Taped or Glued Seams @ 12" Intervals NO
d. Run Plastic Up Walls From Floor 24" NO
e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors NO
f. 4 mil. Poly on Walls [] Layers NO
g. Shut Down HVAC Equipment NO
h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches) NO
i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
j. Walk Off Pan In Front of Equipment Room YES
h. Power Locked Out/ Tagged Out & GFCI Power Supply YES
9. Decontamination Unit Preparation
a. 6 mil. Poly on Floor [] Layers YES
b. 4 mil. Poly on Walls [] Layers YES
c. Shower - Water Tight Construction NO
d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains) YES
e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
10. Shower
a. Hot & Cold Water, Filtered to 5 Microns YES
b. Soap, Shampoo & Towels YES
c. Elevated Drain, 4" Sealed Catch Basin YES
11. MSDS For All Chemicals To Be Used On The Project YES
12. Safety Equipment On Site & In Working Order (Respirators, GFCI, Safety Belts, Hard Hats, etc.) YES
13. Abatement Equipment On Site & In Working Order (HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds) YES

Notes/Comments:

Project Manager on Site:

D.O.R.A.

Date:

1/4/99

[] On Disk



Daily Log

Client: ASPI Project #: 98-5419-E
Project: Flood tile and mastic Location: 11414 Halsted
Date: 1/4/99 Hours: 11:00-2:00 PM
Senior Project Manager: Nelson Gray Onsite Project Manager: D. Rumschlag
Contractor(s): UAR

Description of work during shift: Preclean Prep Clean Glovebag
Repair/ Operations & Maintenance Work Gross Removal Tear down Clearance

Work Practices

Adequate PPE/ Respirator Type X HM PAPER X Yes No
Proper Removal Techniques Y Yes No
Wet Methods Y Yes No

Inspection Observations

Visual Inspection of Day's Performance (Entry Times) #1 11:00 #2 12:30 #3 1:15
Enclosure Smoke Tested Yes X No Not Applicable
Proper Warnings/ Signs X Yes No Not Applicable
Emergency Equipment in Place X Yes No Not Applicable
Intact & Functional Enclosures X Yes No Not Applicable
Air Filtration Units Operating (#) Yes No X Not Applicable
HEPA Filters Inspected Yes No X Not Applicable
Decon Unit Intact & Functional (Smoke Tested) X Yes No Not Applicable
Decon Unit Clean & Properly Equipped X Yes No Not Applicable
Manometer Onsite (Required for IDPH and OSHA Class I Work) Yes No X Not Applicable
Negative Pressure Maintained (-0.02) Yes No X Not Applicable
GFCI Tested with GFCI Tester X Yes No Not Applicable
Debris Adequately Wet, Bagged, Sealed and Labeled Y Yes No Not Applicable
Site Access Secured at End of Shift X Yes No Not Applicable
Dumpster Secured at End of Shift Yes No X Not Applicable

Air Monitoring and Sample Collection

Visual Inspection of this Shift's Work X Yes No Not Applicable
Sampling Y Yes No
Backgrounds # 0 30 Min Excursion Limit #: 1 Personnel #: 1
Environmentals (Inside Work Area) # 1 Environmentals (Outside Work Area) # 1
Clearance [TEM or PCM (circle one): # 10 Negative Air Exhaust # 0
On Site Analysis Yes X No Not Applicable
Bulk Material Samples # Yes Y No Not Applicable
Analytical Request Forms Completed: X Yes No Not Applicable

On Site Documentation

Paperwork Completed Y Yes No Photos Taken Yes X No
Daily Logs Y Yes No Daily Activity Y Yes No
Air Sample Summary Y Yes No Sample Location Map X Yes No
Sign In Log X Yes No Worker Checklist Y Yes No
Any Accident/ Injuries Office Updated Towards End of Shift: X Yes No
Quantity of Material Removed 300 sq ft Number of Bags % Complete

Comments:

Project Manager Signature:

D. Rumschlag



Pre Abatement Checklist

Client: ASPI Project #: 98-5419-E
Project: 11414 S. HALSTED Location: BETWEEN AISLES 21/22 (CC CRAM)
Date: 1-11-99 Hours: 11:30 pm - 1:30 AM
Senior Project Manager: NELSON G. Onsite Project Manager: G.P.
Contractor(s): U.A.R.

Complete with Yes, No, or N/A

- 1. Asbestos Notifications-EPA (City of Chicago and Cook County, If Applicable) YES
2. Emergency Phone List YES
3. Emergency Action Plan For Evacuation YES
4. Warning Signs Posted YES
5. Fire Extinguishers YES
6. Contractor Employee Checklist (SS#'s, medical exams, worker licenses, EPA certificates) N/A
7. Work Plan/Decon Unit Sketch YES
8. Work Area Preparation YES
a. Critical Barriers Established YES
b. 6 mil. Poly on Floor [] Layers YES
c. Taped or Glued Seams @ 12" Intervals YES
d. Run Plastic Up Walls From Floor 24" YES
e. Plasticize All HVAC Grilles, Smoke Detectors, Windows & Doors N/A
f. 6 mil. Poly on Walls [] Layers YES
g. Shut Down HVAC Equipment N/A
h. Air Filtration Units Set For 4 Air Changes/Hour (-0.02 Inches) N/A
i. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube N/A
j. Walk Off Pan In Front of Equipment Room N/A
h. Power Locked Out/ Tagged Out & GFCI Power Supply N/A
9. Decontamination Unit Preparation YES
a. 6 mil. Poly on Floor [] Layers YES
b. 6 mil. Poly on Walls [] Layers YES
c. Shower - Water Tight Construction YES
d. Air Lock Curtains - Three Flaps "Z" Lock (Weighted Curtains) YES
e. Check For Air Tightness, Edges Sealed & Checked w/ Smoke Tube YES
10. Shower YES
a. Hot & Cold Water, Filtered to 5 Microns YES
b. Soap, Shampoo & Towels YES
c. Elevated Drain, 4" Sealed Catch Basin YES
11. MSDS For All Chemicals To Be Used On The Project YES
12. Safety Equipment On Site & In Working Order (Respirators, GFCI, Safety Belts, Hard Hats, etc.) YES
13. Abatement Equipment On Site & In Working Order (HEPA Vacuums, Negative Air Units, Sprayers, Ladders, Scaffolds) YES

Notes/Comments:

Project Manager on Site:

G.P.

Date:

1-11-99

[] On Disk



Daily Log

Client: ASDI Project #: 98-5419-E
Project: 11414 S. HALSTED Location: BETWEEN AISLES 11/12 ICE CREAM
Date: 1-11-99 Hours: 11:30 PM - 1:30 AM
Senior Project Manager: NELSON G. Onsite Project Manager: G.P.
Contractor(s): U.A.-R.

Description of work during shift: Preclean [X] Prep [X] Clean [X] Glovebag []
Repair/ Operations & Maintenance Work [] Gross Removal [X] Tear down [X] Clearance []

Work Practices: Adequate PPE/ Respirator Type [X] HM [] PAPER [] Yes [X] No []
Proper Removal Techniques [X] Yes [X] No []
Wet Methods [X] Yes [X] No []

Inspection Observations table with columns for Visual Inspection of Day's Performance (Entry Times) and rows for Enclosure Smoke Tested, Proper Warnings/ Signs, Emergency Equipment in Place, etc.

Air Monitoring and Sample Collection: Visual Inspection of this Shift's Work, Sampling, Backgrounds # 0, 30 Min Excursion Limit # 1, Environmental (Outside Work Area) # 1, Negative Air Exhaust # 0

On Site Documentation: Paperwork Completed [X] Yes [] No [], Daily Logs [X] Yes [] No [], Air Sample Summary [X] Yes [] No [], Sign In Log [X] Yes [] No [], Photos Taken [X] Yes [] No [], Daily Activity [X] Yes [] No [], Sample Location Map [X] Yes [] No [], Worker Checklist [X] Yes [] No [], Any Accident/ Injuries [] Yes [] No [], Office Updated Towards End of Shift [X] Yes [] No [], Quantity of Material Removed 60 ft^2, Number of Bags 1, % Complete 100

Comments: DRY DECON W/ HEPA VAC.

Project Manager Signature: [Signature]

MISCELLANEOUS CONTRACTORS SUBMITALLS



Occupational Training & Supply, Inc.

12601 S. Springfield • Alsip, IL 60803 • 708/385-1325

Michael Allen

330-46-7504

has successfully completed the 8 hour Asbestos Contractor/Supervisor Refresher course and has passed the competency exam with a minimum score of 70%. This course is accredited by the Illinois Department of Public Health and the Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

Asbestos Contractor/Supervisor Refresher Project Supervisor Refresher

Course Date: May 21, 1998
Expiration Date: May 21, 1999

Exam Date: May 21, 1998
Certificate: ASR05219801554

1998


Kathy Nicholson, Director

State of Illinois A 82723
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LAMPKIN, M.D.
DIRECTOR

ISSUED UNDER THE AUTHORITY OF
THE STATE OF ILLINOIS
DEPARTMENT OF PUBLIC HEALTH

EXPIRES	CATEGORY	ID NUMBER
05/15/99	5319	100-3508

MICHAEL ALLEN
SUPERVISOR

BUSINESS ADDRESS

ALTERING THIS CERTIFICATE MAY RESULT IN LEGAL ACTION
MICHAEL ALLEN
14533 SOUTH YATES
BURBANK IL 60633
THIS LICENSE IS NOT VALID IF YOUR IDPH
REFRESHER COURSE CERTIFICATE IS NOT CURRENT
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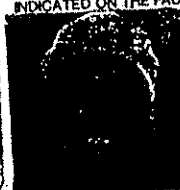
State of Illinois A 82723
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION
ASBESTOS PROFESSIONAL LICENSE

EXPIRATION DATE	CATEGORY	ID NUMBER
05/15/99	5319	100-3508

MICHAEL ALLEN
SUPERVISOR

THE PERSON, FIRM OR CORPORATION WHOSE NAME APPEARS ON THIS CERTIFICATE HAS COMPLIED WITH THE PROVISIONS OF THE ILLINOIS STATUTES AND/OR RULES AND REGULATIONS AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY INDICATED ON THE FACE OF THIS CARD.

ISSUED UNDER THE AUTHORITY OF
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC HEALTH


SIGNATURE OF LICENSEE

State of Illinois A77668
 Department of Public Health
 LICENSE, PERMIT, CERTIFICATION, REGISTRATION
 ASBESTOS WORKER LICENSE

EXPIRATION DATE 02/01/99
 CATEGORY 057
 ID NUMBER 057077737

MICHAEL RAY
 ASBESTOS WORKER LICENSE
 THIS LICENSE IS NOT VALID IF YOUR
 COURSE CERTIFICATE IS NOT CURRENT.

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ISSUED UNDER THE AUTHORITY OF
 STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC HEALTH

SIGNATURE OF LICENSEE



Universal Asbestos Removal Inc.
 7751 W. 88th Street
 Bridgeview, Illinois 60455
 Telephone (708) 430-5044
 Fax # (708) 430-2977



OCCUPATIONAL HEALTH, INC.
 285 W. RANDOLPH STREET • CHICAGO, IL 60606 • (312) 641-1449 • FAX (312) 641-1714

ON 8/04, 1998, MIKE ALLEN
 WAS PROPERLY FIT TESTED ON THE FOLLOWING RESPIRATOR(S).

NORTH 7700 HALF FACE
 (SIZE M)

✓

MSA P.A.P. R
 (SIZE M)

✓

WILSON PRESSURE DEMAND SUPPLIED AIR
 (SIZE _____)

✓

[Signature]
 TEST PERFORMED BY
 AIR SAMPLING PROFESSIONAL

[Signature]
 EMPLOYEE SIGNATURE

DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL AND RESPIRATOR USE

Case # 49077 Exam Date 10-19-98
 Name Michael Allen Age 42 Sex M F
 Date of Birth 3-12-56 Social Security # 330-46-7504

FITNESS CRITERIA

1. This is to certify, in accordance with the OSHA Asbestos Standard, 29 CFR 1926.58 (M) (1) (2) (3) and (4) and 29 CFR 1910.1001, I have examined the above mentioned individual;
2. Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
3. The results of my examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
4. In accordance with OSHA requirement, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
5. I have informed the above named individual of the health risks involved in smoking, of synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

PHYSICIAN'S APPROVAL

It is my medical opinion that the above-named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act Rules and Regulations, Section 855.60) and OSHA 29 CFR 1926.58 M (1) (2) (3) (4) and OSHA 29 CFR 1910.1001.

Physician's Signature [Signature] Date 10/19/98

THE PERSON, FIRM OR CORPORATION WHOSE NAME APPEARS ON THIS CERTIFICATE HAS COMPLIED WITH THE PROVISIONS OF THE ILLINOIS STATUTES AND/OR RULES AND REGULATIONS AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY INDICATED ON THE FACE OF THIS CARD.



ISSUED UNDER THE AUTHORITY OF
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC HEALTH

State of Illinois A78514
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION
ASBESTOS WORKER LICENSE

EXPIRATION DATE 02/01/99	CATEGORY 057	ID NUMBER 057048070
-----------------------------	-----------------	------------------------

JOHN J. DUNNE
ASBESTOS WORKER LICENSE
THIS LICENSE IS NOT VALID IF YOUR
COURSE CERTIFICATE IS NOT CURRENT.

State of Illinois A 78514
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.
DIRECTOR

Issued under the authority of
The State of Illinois
Department of Public Health

EXPIRATION DATE 02/01/99	CATEGORY 057	ID NUMBER 057048070
-----------------------------	-----------------	------------------------

JOHN J. DUNNE
ASBESTOS WORKER LICENSE
ALTERING OF THIS CERTIFICATE MAY
RESULT IN LEGAL ACTION

BUSINESS ADDRESS
JOHN J. DUNNE
2305 W. HARRIS ST.
CHICAGO IL 60643 0000

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U Universal Asbestos Removal Inc.
7751 W. 108th Street Telephone (708) 430-5044
Bridgeview, Illinois 60455 Fax # (708) 430-2977

DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL AND RESPIRATOR USE

Case # MS236 Exam Date 5-20-98
Name John Dunne Age 52 Sex M F
Date of Birth 3-25-46 Social Security # 337-40-1347

FITNESS CRITERIA

1. This is to certify, in accordance with the OSHA Asbestos Standard, 29 CFR 1926.58 (M) (1) (2) (3) and (4) and 29 CFR 1910.1001, I have examined the above mentioned individual;
2. Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
3. The results of my examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
4. In accordance with OSHA requirement, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
5. I have informed the above named individual of the health risks involved in smoking, of synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

PHYSICIAN'S APPROVAL

It is my medical opinion that the above-named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act Rules and Regulations, Section 655.60) and OSHA 29 CFR 1926.58 M (1) (2) (3) (4) and OSHA 29 CFR 1910.1001.

Physician's Signature Barry L. Keenan Date 5/20/98

July 23rd, 1998, John F. Dunne
PERFECTLY FIT TESTED ON THE FOLLOWING RESPIRATOR(S).
1. Large ✓ FD
2. Large ✓ FD
3. PRESSURE DEMAND SUPPLIED AIR ✓
FORMED BY [Signature] EMPLOYEE SIGNATURE [Signature]

SAMPLING PROFESSIONAL P.H. #100-0888



State of Illinois A 84914
Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.
DIRECTOR

Issued under the authority of
The State of Illinois
Department of Public Health

EXPIRATION DATE	CATEGORY	I.D. NUMBER
05/15/99	5319	100-2167
JOHN DUNNE		
SUPERVISOR		

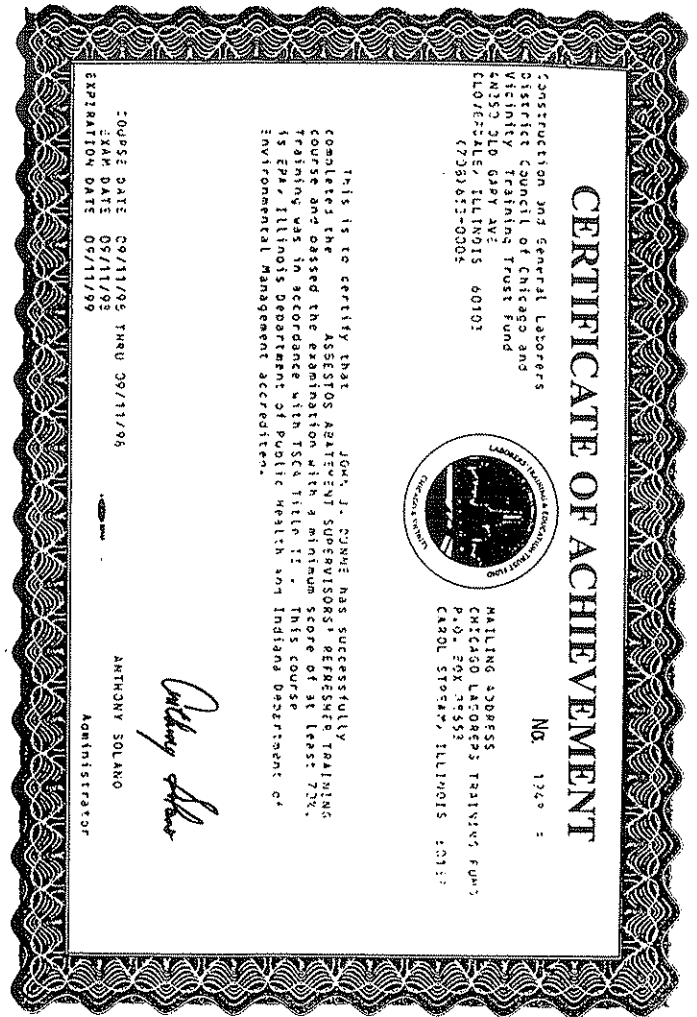
BUSINESS ADDRESS

ALTERING THIS CERTIFICATE MAY RESULT IN LEGAL ACTION
JOHN DUNNE

2305 WEST 111TH PLACE
CHICAGO IL 60643

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REFRESHER COURSE CERTIFICATE IS NOT CURRENT

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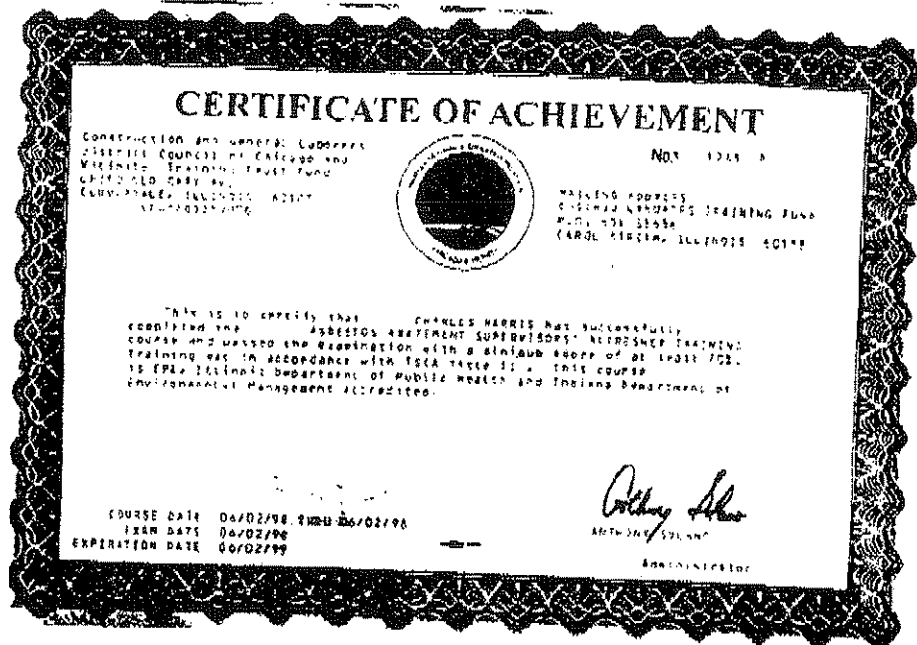


State of Illinois A 84914
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION
ASBESTOS PROFESSIONAL LICENSE


EXPIRATION DATE	CATEGORY	I.D. NUMBER
05/15/99	5319	100-2167

JOHN DUNNE

SUPERVISOR



THE PERSON, FIRM OR CORPORATION WHOSE NAME APPEARS ON THIS CERTIFICATE HAS COMPLIED WITH THE PROVISIONS OF THE ILLINOIS STATUTES AND/OR RULES AND REGULATIONS AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY INDICATED ON THE FACE OF THIS CARD.



ISSUED UNDER THE AUTHORITY OF
 STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC HEALTH


SIGNATURE OF LICENSEE

State of Illinois A85968
 Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION
 ASBESTOS PROVIDER'S LICENSE

EXPIRATION DATE 05/15/99	LICENSE NUMBER 100-5497
-----------------------------	----------------------------

CHARLES
 SUPERVISOR



State of Illinois A 85968
 Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.
 DIRECTOR

Issued under the authority of
 The State of Illinois
 Department of Public Health

EXPIRATION DATE 05/15/99	CATEGORY 5319	LICENSE NUMBER 100-5497
-----------------------------	------------------	----------------------------

CHARLES HARRIS
 SUPERVISOR

BUSINESS ADDRESS

ALTERING THIS CERTIFICATE MAY RESULT IN LEGAL ACTION

CHARLES HARRIS
 1425 S WOLF ROAD, APT 205
 PROSPECT HEIGHTS IL 60070

THIS LICENSE IS NOT VALID IF YOUR IDPH
 REFRESHER COURSE CERTIFICATE IS NOT CURRENT

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UNIVERSAL ASBESTOS REMOVAL INC.

100 W. GARDEN STREET, CHICAGO, ILL. 60601-1100 • FAX (312) 441-1100

DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL AND RESPIRATOR USE

Case # 406720 Exam Date 5-29-98
Name Charles Clark Age 40 Sex M
Date of Birth 12-1-57 Social Security # 502-76-1147

FITNESS CRITERIA

1. THIS IS TO CERTIFY, IN ACCORDANCE WITH THE OSHA ASBESTOS STANDARDS, 29 CFR 1926.59 (b) (1) (i) (3) AND (4) AND 29 CFR 1910.1001, I HAVE EXAMINED THE ABOVE MENTIONED INDIVIDUAL;
2. Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
3. The results of an examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
4. In accordance with OSHA requirements, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
5. I have informed the above named individual of the health risks involved in smoking, or dyslectic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

Physician's Remarks

It is my medical opinion that the above named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act rules and regulations, Section 818.40) and OSHA 29 CFR 1926.59 (1) (3) (i) (4) AND OSHA 29 CFR 1910.1001.

Physician's signature Ray J. Tucker date 5/31/98

THE PERSON, FIRM OR CORPORATION, WHOSE NAME APPEARS ON THIS CERTIFICATE HAS COMPLIED WITH THE REQUIREMENTS OF THE ILLINOIS STATUTES AND ORDINANCES AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY INDICATED ON THE FACE OF THIS CARD.



ISSUED UNDER THE AUTHORITY OF THE STATE OF ILLINOIS DEPARTMENT OF PUBLIC HEALTH

EXPIRES 02/07/2000

State of Illinois A 93580
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION
ASBESTOS WORKER LICENSE

EXPIRATION DATE 02/07/2000	CATEGORY 057	ID NUMBER 057075384
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CHARLES M. HARRIS
ASBESTOS WORKER LICENSE
THIS LICENSE IS NOT VALID IF YOUR
COURSE CERTIFICATE IS NOT CURRENT.



Universal Asbestos Removal Inc.
7751 W. 48th Street
Ogden, IL 60453
Toll-free (800) 430-5041
FAX # (708) 430-2877

ON 5/31, 1998, Charles Harris
WAS PROPERLY FIT TESTED ON THE FOLLOWING RESPIRATOR(S).

MORH 7700 HALF FACE ✓
(SIZE M)

M50 D. A. P. R. ✓
(SIZE W)

WILSON PRESSURE DEMAND SUPPLIED AIR ✓
(SIZE)

TEST PERFORMED BY Ray J. Tucker EMPLOYEE SIGNATURE Charles Harris
AIR SAMPLING PROFESSIONAL

DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL AND RESPIRATOR USE

Case # 372377 Exam Date 3-9-98
 Name Henderson, Antonio Age 31 Sex (M) F
 Date of Birth 3-13-66 Social Security # 336-72-3601

FITNESS CRITERIA

1. This is to certify, in accordance with the OSHA Asbestos Standard, 29 CFR 1926.58 (M) (1) (2) (3) and (4) and 29 CFR 1910.1001, I have examined the above mentioned individual;
2. Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
3. The results of my examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
4. In accordance with OSHA requirement, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
5. I have informed the above named individual of the health risks involved in smoking, of synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

PHYSICIAN'S APPROVAL

It is my medical opinion that the above-named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act Rules and Regulations, Section 855.60) and OSHA 29 CFR 1926.58 M (1) (2) (3) (4) and OSHA 29 CFR 1910.1001.

Physician's Signature [Signature] Date 3-9-98

**CERTIFICATE OF ACHIEVEMENT
ASBESTOS ABATEMENT**
ACCREDITED BY THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH

This is to certify that **ANTONIO HENDERSON** 336-72-3601 has completed the asbestos workers recertification course and successfully passed the examination on March 9, 1998 with a minimum score of 70% or better. Training was in accordance with Title II of TSCA, U.S. EPA 40 CFR PART 763 APPENDIX C, to SUBPART E, as revised Asbestos Containing Materials in Schools Model Accreditation Plan, authorized by the Asbestos School Hazard Abatement Reauthorization Act, (ASHEARA), and 15 U.S.C. 2605 and 2607(c). Revised SUBPART E also issued under 15 U.S.C. 2604, 2671, 2676, and 2687.

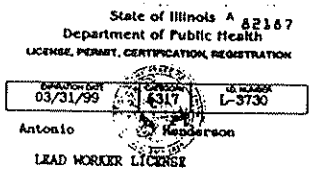
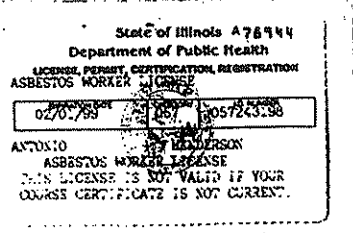
[Signature]
President/ Director of Training
Phone # 312-727-2222

The American Center
for
Educational Development, Inc.
679 South Wabash Avenue
Chicago, Illinois 60605

March 9, 1998
Exam Date (M)
March 9, 1998
Expiry



Universal Asbestos Removal Inc.
7751 W. 88th Street
Bridgeview, Illinois 60455
Telephone (708) 430-5044
Fax # (708) 430-2977



ON 3/9/98, 1998, Antonio Henderson
 WAS PROPERLY FIT TESTED ON THE FOLLOWING RESPIRATOR(S).

- NORTH 7700 HALF FACE (SIZE M)
- MSA P. A. P. R. (SIZE M)
- WILSON PRESSURE DEMAND SUPPLIED AIR (SIZE)

TEST PERFORMED BY [Signature]
 AIR SAMPLING PROFESSIONAL
 EMPLOYEE SIGNATURE [Signature]



Universal Asbestos Removal Inc.
 7751 W. 80th Street
 Bridgeview, Illinois 60455
 Telephone (708) 430-5044
 Fax # (708) 430-2977

On 12/03, 1998, JACOB MIDDLETON
 WAS PROPERLY FIT TESTED ON THE FOLLOWING RESPIRATOR(S).

ORTH 7700 HALF FACE
 (SIZE M)

3A P.A.P.R.
 (SIZE M)

WILSON PRESSURE DEMAND SUPPLIED AIR
 (SIZE)

Robert Plushy
 TEST PERFORMED BY
 AIR SAMPLING PROFESSIONAL

Jacob Middleton
 EMPLOYEE SIGNATURE



OCCUPATIONAL
 HEALTH, INC.

265 W. RANDOLPH STREET • CHICAGO, IL 60606 • (312) 641-1449 • FAX (312) 641-1714

DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL AND RESPIRATOR USE

Case # 8807 Exam Date 7-20-98
 Name Jacob Middleton Age 21 Sex M
 Date of Birth 3-2-77 Social Security # 331-12-6273

FITNESS CRITERIA

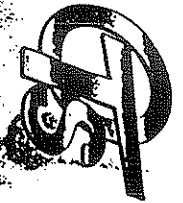
- This is to certify, in accordance with the OSHA Asbestos Standard, 29 CFR 1926.58 (M) (1) (2) (3) and (4) and 29 CFR 1910.1001, I have examined the above mentioned individual;
- Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
- The results of my examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
- In accordance with OSHA requirement, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
- I have informed the above named individual of the health risks involved in smoking, of synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

PHYSICIAN'S APPROVAL

It is my medical opinion that the above-named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act Rules and Regulations, Section 855.60) and OSHA 29 CFR 1926.58 M (1) (2) (3) (4) and OSHA 29 CFR 1910.1001.

Physician's Signature Raymond Beckman Date 7/20/98

1998



Occupational Training & Supply, Inc.
 12601 S. Springfield • Alsip, IL 60803 • 708/385-1325

Jacob Middleton
 331-72-5273

has successfully completed the 32 hour Asbestos Abatement Worker course and has passed the competency exam with a minimum score of 70%. This course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

Asbestos Abatement Worker

Course Date: July 13-16, 1998
 Expiration Date: July 16, 1999

Kathy Nicholson
 Director

Exam Date: July 16, 1998
 Certificate: AM9807161919

State of Illinois A 87566
 Department of Public Health
 LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. DUNPKIE, M.D.
 DIRECTOR

Issued under the authority of
 The State of Illinois
 Department of Public Health

EXPIRATION DATE 02/01/99	CATEGORY 057	LD. NUMBER 057297157
-----------------------------	-----------------	-------------------------

JACOB MIDDLETON
 ASBESTOS WORKER LICENSE

ALTERING OF THIS CERTIFICATE MAY
 RESULT IN LEGAL ACTION

BUSINESS ADDRESS
 JACOB MIDDLETON
 10926 S CENTRAL AVE #3A
 CHICAGO RIDGE IL 60415

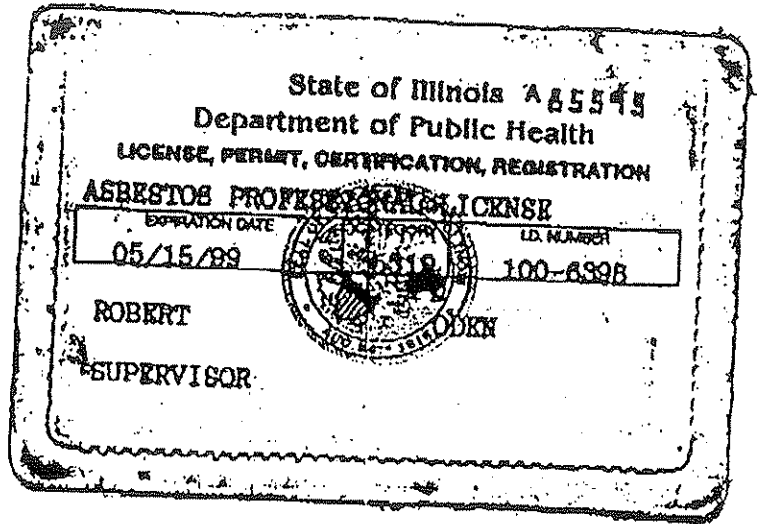
THIS LICENSE IS NOT VALID IF YOUR
 TRAINING COURSE CERTIFICATE IS NOT CURRENT

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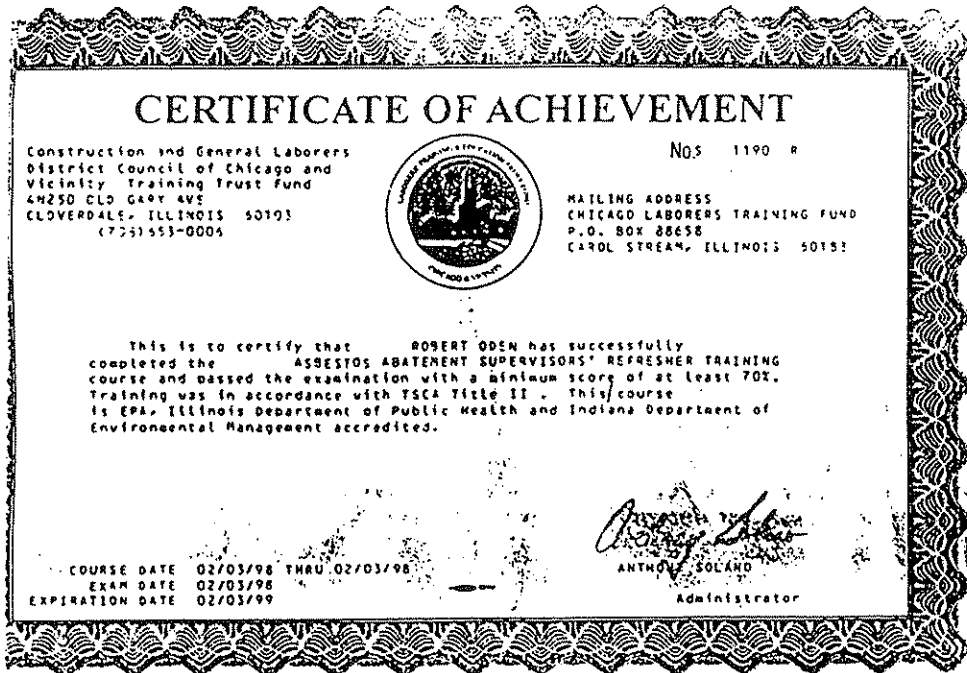
State of Illinois A 87566
 Department of Public Health
 LICENSE, PERMIT, CERTIFICATION, REGISTRATION
 ASBESTOS WORKER LICENSE

EXPIRATION DATE 02/01/99	CATEGORY 057	LD. NUMBER 057297157
-----------------------------	-----------------	-------------------------

JACOB MIDDLETON
 ASBESTOS WORKER LICENSE
 THIS LICENSE IS NOT VALID IF YOUR
 COURSE CERTIFICATE IS NOT CURRENT.



TOTAL P.01





CARNOW, COMBEAR & ASSOC., LTD.

Occupational and Environmental Health Consultants

333 West Wacker Drive, Suite 1400, Chicago, IL 60606, 312.782-1486

RESPIRATOR FIT-TEST CERTIFICATION

On 1-5-98 Robert Oden was fit tested with a(n) North 1/2 Mask Medium respirator.

The fit-testing was accomplished using procedures outlined in OSHA regulations 29CFR1910.134 and other similar good industrial hygiene practices.

The movements were designed to simulate the range of normal movements to be expected during respirator usage and were meant to insure that the respirator will provide a good seal in all circumstances.

I conducted the fit-test and certify that he/she met all the requirements of the test.

Shirley A. Connor RMA (CCA employee signature)

01-05-98 (Date)

Robert Oden (Signature of person being fit-tested)

Universal Asbestos Removal (Employer)

01-05-98 (Date of Medical Clearance)

TO: Medical Records/Employee/Company Management of UNIVERSAL ASBESTOS REMOVAL RE Name ROBERT ODEN (Employee Name)

Medical examination form with checkboxes for medical conditions, work-related health problems, and recommendations.

Checkboxes for informing employee of results and increased risk of lung cancer.

Physician's Name: Shirley A. Connor, M.D., D.P.H. Physician's Signature: Shirley Connor



CARNOW, COMBEAR & ASSOC., LTD.

3538905 007

Certificate of Achievement for Robert Oden, Asbestos Abatement Supervisors' Refresher Training Course, issued by the State of Illinois Department of Public Health.

State of Illinois A 81526 Department of Public Health LICENSE, PERMIT, CERTIFICATION, REGISTRATION ASBESTOS WORKER LICENSE

Table with columns: EXPIRATION DATE (02/01/99), CATEGORY (057), NUMBER (057035968)

ROBERT LAMAR ODEN ASBESTOS WORKER LICENSE THIS LICENSE IS NOT VALID IF YOUR COURSE CERTIFICATE IS NOT CURRENT.





State of Illinois A 65513
Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.
DIRECTOR

EXPIRATION DATE 02/01/99	STATE CODE 057	ID NUMBER 057033045
-----------------------------	-------------------	------------------------

JEFFREY L. RADANOVICH
ASBESTOS WORKER LICENSE

ALTERING OF THIS CERTIFICATE MAY
RESULT IN LEGAL ACTION

BUSINESS ADDRESS

JEFFREY L. RADANOVICH
135 SHABBONA DR
PARK FOREST IL 60466 0000

THIS LICENSE IS NOT VALID IF YOUR
TRAINING COURSE CERTIFICATE IS NOT CURRENT

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DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL AND RESPIRATOR USE

Case # 225026 Exam Date 5-22-98
 Name Jeffrey L. Radanovich Age 39 Sex ♂ F
 Date of Birth 9-22-58 Social Security # 349-46-4572

FITNESS CRITERIA

1. This is to certify, in accordance with the OSHA Asbestos Standard, 29 CFR 1926.58 (K) (1) (2) (3) and (4) and 29 CFR 1910.1001, I have examined the above mentioned individual;
2. Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
3. The results of my examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
4. In accordance with OSHA requirement, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
5. I have informed the above named individual of the health risks involved in smoking, of synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

PHYSICIAN'S APPROVAL

It is my medical opinion that the above-named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act Rules and Regulations, Section 855.60) and OSHA 29 CFR 1926.58 K (1) (2) (3) (4) and OSHA 29 CFR 1910.1001.

Physician's Signature Barry Johnson Date 5/22/98

State of Illinois A 66513
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION
ASBESTOS WORKER LICENSE

EXPIRATION DATE 02/01/99	STATE CODE 057	ID NUMBER 057033045
-----------------------------	-------------------	------------------------

JEFFREY L. RADANOVICH
ASBESTOS WORKER LICENSE
THIS LICENSE IS NOT VALID IF YOUR
COURSE CERTIFICATE IS NOT CURRENT.



7751 W. 88th Street
Bridgeview, Illinois 60455

Telephone (708) 430-5044
Fax # (708) 430-2177

ON 5/6/98 1998 JEFF RADANOVICH
 WAS PROPERLY FIT TESTED ON THE FOLLOWING RESPIRATOR(S).

- NORTH 7700 HALF FACE (SIZE L)
- MSR P.A.P.R. (SIZE L)
- WILSON PRESSURE DEMAND SUPPLIED AIR (SIZE)

TEST PERFORMED BY Barry Johnson EMPLOYEE SIGNATURE Jeffrey L. Radanovich
 AIR SAMPLING PROFESSIONAL



Occupational Training & Supply, Inc.

12601 S. Springfield • Alsip, IL 60803 • 708/385-1325

Jeff Radanovich


349-46-4572

has successfully completed the 8 hour Asbestos Contractor/Supervisor Refresher course and has passed the competency exam with a minimum score of 70%. This course is accredited by the Illinois Department of Public Health and the Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

Asbestos Contractor/Supervisor Refresher Project Supervisor Refresher

Course Date: September 04, 1998
Expiration Date: September 04, 1999

Exam Date: September 04, 1998
Certificate: ASFR809042223


Kathy Nicholson, Director

1998



State of Illinois Department of Public Health

A 84407

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.
DIRECTOR

Issued under the authority of
The State of Illinois
Department of Public Health

EXPIRATION DATE	CATEGORY	I.D. NUMBER
05/15/99	5319	100-2991
JEFFREY RADANOVICH		
SUPERVISOR		

BUSINESS ADDRESS

ALTERING THIS CERTIFICATE MAY RESULT IN LEGAL ACTION

JEFFREY RADANOVICH

135 SHABBONA DRIVE
PARK FOREST IL 60466

THIS LICENSE IS NOT VALID IF YOUR IDPH
REFRESHER COURSE CERTIFICATE IS NOT CURRENT

Printed by Authority of the State of Illinois 0 2/91 ©

State of Illinois A 84407 Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION ASBESTOS PROFESSIONAL LICENSE

EXPIRATION DATE	CATEGORY	I.D. NUMBER
05/15/99	5319	100-2991

JEFFREY RADANOVICH
SUPERVISOR

THE PERSON, FIRM OR CORPORATION WHOSE NAME APPEARS ON THIS CERTIFICATE HAS COMPLIED WITH THE PROVISIONS OF THE ILLINOIS STATUTES AND/OR RULES AND REGULATIONS AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY INDICATED ON THE FACE OF THIS CARD.



ISSUED UNDER THE AUTHORITY OF
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC HEALTH

SIGNATURE OF LICENSEE

State of Illinois **A77628**
 Department of Public Health
 LICENSE PERMIT CERTIFICATION REGISTRATION
 ASBESTOS WORKER LICENSE

EXPIRATION DATE **02/01/99** ID NUMBER **0057293214**

THOMAS R. WOKURKA
 ASBESTOS WORKER LICENSE

THIS LICENSE IS NOT VALID IF YOUR
 COURSE CERTIFICATE IS NOT CURRENT.

THE PERSON, FIRM OR CORPORATION WHOSE NAME APPEARS
 ON THIS CERTIFICATE HAS COMPLIED WITH THE PROVISIONS
 OF THE ILLINOIS STATUTES AND/OR RULES AND REGULATIONS
 AND IS HEREBY AUTHORIZED TO ENGAGE IN THE ACTIVITY
 INDICATED ON THE FACE OF THIS CARD.

ISSUED UNDER THE AUTHORITY OF
 STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC HEALTH



SIGNATURE OF LICENSEE



OCCUPATIONAL
 HEALTH, INC.

265 W. RANDOLPH STREET • CHICAGO, IL 60606 • (312) 641-1449 • FAX (312) 641-1714

DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL
 AND RESPIRATOR USE

Case # 416683 Exam Date 7-7-98
 Name WOKURKA, THOMAS Age 30 Sex (M) F
 Date of Birth 1-12-68 Social Security # 320-72-6341

FITNESS CRITERIA

1. This is to certify, in accordance with the OSHA Asbestos Standard, 29 CFR 1926.58 (M) (1) (2) (3) and (4) and 29 CFR 1910.1001, I have examined the above mentioned individual;
2. Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
3. The results of my examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
4. In accordance with OSHA requirement, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
5. I have informed the above named individual of the health risks involved in smoking, of synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

PHYSICIAN'S APPROVAL

It is my medical opinion that the above-named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act Rules and Regulations, Section 855.60) and OSHA 29 CFR 1926.58 M (1) (2) (3) (4) and OSHA 29 CFR 1910.1001.

Physician's Signature Benny Shuman Date 7/7/98

CERTIFICATE OF ACHIEVEMENT

No. 2357 R



Construction and General Laborers
 District Council of Chicago and
 Vicinity Training Trust Fund
 4253 OLD GARY AVE
 CLOVERDALE, ILLINOIS 60103
 (708) 633-0006

MAILING ADDRESS
 CHICAGO LABORERS TRAINING FUND
 P.O. BOX 88655
 CAROL STREAM, ILLINOIS 60188

This is to certify that THOMAS R. WOKURKA has successfully completed the ASBESTOS ABATEMENT WORKERS' TRAINING REFRESHER course and passed the examination with a minimum score of at least 70%. Training was in accordance with TSCA Title II. This course is EPA, Illinois Department of Public Health and Indiana Department of Environmental Management accredited.

Anthony Solano
 Administrator

ANTHONY SOLANO
 Administrator

COURSE DATE 03/30/98 THRU 03/30/98
 EXAM DATE 03/30/98
 EXPIRATION DATE 03/30/99



Universal Asbestos Removal Inc.

7751 W. 88th Street
 Bridgeview, Illinois 60455

Telephone (708) 430-5044
 Fax # (708) 430-2977

DN 4-27, 1998, Tom Wokurka

WAS PROPERLY FIT TESTED ON THE FOLLOWING RESPIRATOR(S).

NORTH 7700 HALF FACE
 (SIZE)

MSA P.A.P.R.
 (SIZE)

WILSON PRESSURE DEMAND SUPPLIED AIR
 (SIZE)

TEST PERFORMED BY [Signature]
 AIR SAMPLING PROFESSIONAL

EMPLOYEE SIGNATURE [Signature]

DOCUMENTATION: MEDICAL FITNESS FOR ASBESTOS REMOVAL AND RESPIRATOR USE

Case # 31257 Exam Date 5-4-98
Name OLLIE WOODEN Age 46 Sex M **(P)**
Date of Birth 2-28-51 Social Security # 353-46-3256

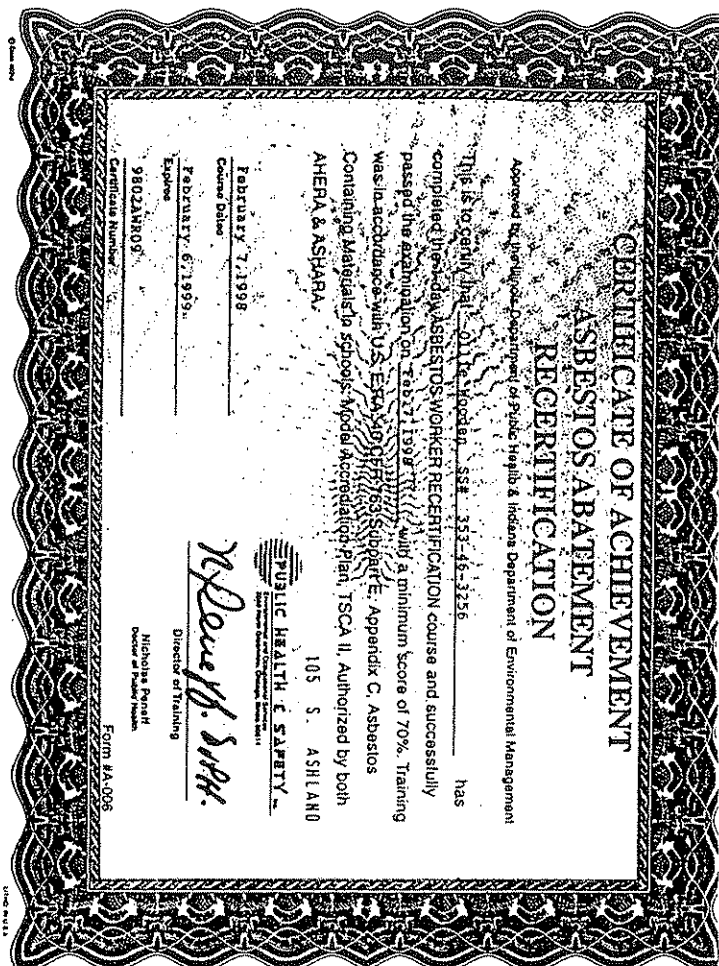
FITNESS CRITERIA

1. This is to certify, in accordance with the OSHA Asbestos Standard, 29 CFR 1926.58 (H) (1) (2) (3) and (4) and 29 CFR 1910.1001, I have examined the above mentioned individual;
2. Based on my findings, I have determined this individual may use a respiratory device while performing his/her required employment services;
3. The results of my examination have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos;
4. In accordance with OSHA requirement, I have informed the above named individual of the results of his/her medical examination and of any medical condition that may result from his/her exposure to asbestos, and
5. I have informed the above named individual of the health risks involved in smoking, of synergistic relationship between cigarette smoking and asbestos exposure in producing lung cancer, and that cessation of smoking will reduce the risk of lung cancer.

PHYSICIAN'S APPROVAL

It is my medical opinion that the above-named individual is medically fit to engage in asbestos removal and wear respiratory protective equipment as required by the Illinois Department of Public Health (Asbestos Abatement Act Rules and Regulations, Section 855.60) and OSHA 29 CFR 1926.58 M (1) (2) (3) (4) and OSHA 29 CFR 1910.1001

Physician's Signature Borys Shcher Date 5/4/98



State of Illinois A 80944
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION
ASBESTOS WORKER LICENSE

EXPIRATION DATE	CATEGORY	ID NUMBER
02/01/99	057	057220984

OLLIE R. WOODEN
ASBESTOS WORKER LICENSE
THIS LICENSE IS NOT VALID IF YOUR
COURSE CERTIFICATE IS NOT CURRENT.

State of Illinois A 81154
Department of Public Health
LICENSE, PERMIT, CERTIFICATION, REGISTRATION

EXPIRATION DATE	CATEGORY	ID NUMBER
03/31/99	6317	L-1699

Ollie Wooden
LEAD WORKER LICENSE

RESPIRATOR TRAINING AND FIT TEST ACKNOWLEDGMENT

Ollie Wooden Employee Name 353-46-3256 Social Security #
MSA M TC 2046 PAAR
Current Brand Model Size NIOSH # Type
Replacement Brand Model Size NIOSH # Type

I have been trained in the selection, use and maintenance of the above respirator and have informed of my responsibility to wear the proper respiratory equipment. The competent person named below conducted the fit test(s) as indicated and informed me of the need to be fit tested again within six months or whenever any facial changes may alter the fit of this respirator.

New Respirator Continue Respirator
 Replace Respirator End Respirator
Ollie Wooden Employee Signature _____ Date

Expiration Date

Trial #	*Protocol	Results	Comments
1)	S B (1)	Pass/Fail	PASS
2)	S B (1)	Pass/Fail	PASS
3)	S B (1)	Pass/Fail	PASS

*S = Saccharin B = Banana Oil I = Irritant Smoke

Andrew Hares Tester Name 502 76-1145 Tester SS #
[Signature] Tester Signature 5/2/98 Date

CONFIDENTIAL, SUBJECT TO ATTORNEY-CLIENT PRIVILEGE

AMERICAN STORES PROPERTIES, INC.

ASBESTOS ABATEMENT SPECIFICATIONS
AND STANDARDS

FOR

JEWEL/OSCO #01-11414/18-00016
11414 SOUTH HALSTED STREET
CHICAGO, IL 60628

FLOORING MATERIAL
LIMITED ASBESTOS ABATEMENT PROJECT

PROJECT No. 98-5419-E

Prepared by:
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521
October 27, 1998

ASBESTOS ABATEMENT SPECIFICATIONS AND STANDARDS

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INTRODUCTION

American Stores Properties, Inc. (ASPI) is seeking bids from qualified asbestos abatement Contractors to perform the removal and disposal of identified asbestos containing materials from the JEWEL/OSCO. The objective of this project is to remove asbestos containing material in a safe, legal and cost effective manner. This asbestos abatement specification was developed to provide contractual procedures for an asbestos abatement Contractor to complete the project according to ASPI's objectives.

Contractors are expected to review this specification and inspect the facility thoroughly prior to submitting their bid. If a Contractor discovers an item that is not covered under the scope of work, the Contractor shall make it known prior to submitting his bid. No extras shall be allowed during this project. Therefore, it is the Contractor's responsibility to become completely familiar with the project, its requirements and overall objective. If the Contractor fails to disclose an item that should/could have been discovered during his review of this specification and from inspection of the facility, the Contractor shall not receive an "extra" fee to perform the work once the contract is awarded.

It is recognized that Contractors often times bid low and hope for extras. This will not occur on this project. The Contractor is expected to investigate existing conditions prior to bidding and to bring to light any concerns or anticipated additions. If new items are identified, they will be formally addressed in the scope of work and then be competitively bid, allowing all Contractors to have the same chance to bid the new items.

APPLICABLE DEFINITIONS

The following is a brief list of definitions of terms used in this specification which are critical to the proper interpretation of this document:

1. **Aggressive method** - Removal or disturbance of building material by sanding, abrading, grinding or other method that breaks, crumbles or disintegrates intact ACM.
2. **Air monitoring** - The process of measuring with acceptable accuracy and precision the fiber content of a known volume of air collected during a specific time period to determine personnel and environmental exposures to asbestos.
3. **Air Sampling Professional (ASP)** - The qualified individual to conduct air monitoring. This person shall have completed a NIOSH 7400 training course or equivalent and have at least one year's experience in air sampling to be considered qualified.
4. **Amended water** - Water to which surfactant (wetting agent) has been added to increase the ability of the liquid to penetrate the ACM.
5. **ANSI** - American National Standards Institute, 1430 Broadway, New York, NY 10018.
6. **Asbestos** - Fibrous forms of certain silicate minerals commonly known as chrysotile, crocidolite, amosite, actinolite, anthophyllite and tremolite.
7. **Asbestos abatement** - Recognized procedures for preventing fiber release and exposure during the controlled removal of ACM.
8. **Asbestos containing materials (ACM)** - Any material or product having an asbestos content greater than 1% by weight.
9. **Asbestos Project Manager** - An industrial hygiene consultant who represents the interests of the Owner and who continuously monitors the Contractor's activities on asbestos abatement projects for compliance with these specifications.
10. **Asbestos waste** - Asbestos containing materials or products and/or asbestos contaminated objects or debris requiring disposal.
11. **Authorized person** - Any person authorized by the employer and required by work duties to be present in regulated areas.
12. **Class I OSHA asbestos work** - Activities involving the removal of TSI and surfacing ACM and PACM.
13. **Class II OSHA asbestos work** - Activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction mastics.

14. **Class III OSHA asbestos work** - Repair and maintenance operations, where ACM, including thermal system insulation and surfacing material, is likely to be disturbed.
15. **Class IV OSHA asbestos work** - Maintenance and custodial activities during which employees contact ACM and PACM and activities to clean up waste and debris containing ACM and PACM.
16. **Clean room** - An uncontaminated room, which is part of a worker decontamination facility, having provision for the storage of workers' street clothes and clean protective equipment.
17. **Competent person** - In addition to the definition in 29 CFR 1926.32 (f), one who is capable of identifying existing asbestos hazards in the workplace and selecting the appropriate control strategy for asbestos exposure, who has the authority to take prompt corrective measures to eliminate them, in addition, for Class I and Class II work who is specifically trained in a training course which meets the criteria of EPA's Model Accreditation Plan (40 CFR 763) for project designer or supervisor, or its equivalent and, for Class II and Class IV work, who is trained in an operations and maintenance (O&M) course equivalent to that developed by EPA [40 CFR 763.92 (a) (2)].
18. **Contractor** - The company hired by the Owner to safely perform the asbestos abatement according to the specifications in these documents.
19. **Critical barrier** - One or more layers of plastic sealed over all openings into a work area or any other similarly placed physical barrier sufficient to prevent airborne asbestos in a work area from migrating to an adjacent area.
20. **Decontamination area** - An enclosed area adjacent and connected to the regulated area and consisting of an equipment room, shower area and clean room, which is used for the decontamination of workers, materials, and equipment that are contaminated with asbestos.
21. **Decontamination facility** - A series of connected rooms, separated from the work area and from each other by air locks, for the decontamination of workers and/or equipment. As a minimum, a worker decontamination facility consists of a clean room, shower and dirty room each separated by three sheets of polyethylene to create "Z" doors.
22. **EL (Excursion Limit)** - Indicates 1.0 f/cc averaged over a sampling period of 30 minutes (for asbestos) as determined by methods prescribed in Appendix A of 29 CFR 1910.1101.
23. **Encapsulant** - A liquid material which can be applied to ACM, or to surfaces from which ACM has been removed, such that it creates a membrane (seal) over the surface thereby preventing release of asbestos fibers.
24. **Encapsulation** - The hand or sprayed-on application of an encapsulant.
25. **Enclosed asbestos removal** - A recognized series of procedures for asbestos abatement such that the release of airborne asbestos fibers is carefully contained and controlled. Applies to

enclosure techniques ranging from simple primary seals with negative pressure to a fully constructed polyethylene cocoon enclosure under negative pressure.

26. **EPA** - The United States Environmental Protection Agency.
27. **F/CC** - Indicates fibers per cubic centimeter of air. A concentration determined by phase contrast microscopy (PCM).
28. **Glove Bag Removal** - A recognized asbestos abatement procedure primarily applicable to limited and/or isolated piping runs or pipe fittings. The procedures involve use of a 6 mil transparent polyethylene manufactured glove bag device which is sealed over ACM in such a manner that it prevents fiber release. The glove bag device has two inward projecting plastic sleeves with gloves on their ends for facilitation of work inside the bag. Recent OSHA requirements mandate that glove bags be either kept under negative pressure themselves or that negative pressure be maintained in the area where the glove bags are being used.
29. **HEPA filter** - High Efficiency Particulate Air filter capable of removing particles greater than 0.3 microns in diameter from air with a 99.97% filtration efficiency.
30. **HEPA vacuum** - A vacuum cleaner equipped with a HEPA filter and designed for use with toxic dusts.
31. **IEPA** - Illinois Environmental Protection Industry
32. **Industrial Hygiene Consultant** - Accredited individual to serve as Owner's representative and asbestos project manager.
33. **Modification** [for purposes of paragraph (9) (6)(ii)] - A changed or altered procedure, material or component of a control system, which replaces a procedure, material or component of a required system. Omitting a procedure or component, or reducing or diminishing the stringency or strength of a material or component of the control system is not a "modification" for purposes of paragraph (g)(6)(ii).
34. **Negative Initial Exposure Assessment** - A demonstration by the employer, which complies with the criteria in paragraph (f)(2)(iii), that employee exposure during an operation is expected to be consistently below the PELs.
35. **Negative pressure air moving unit** - A portable exhaust system equipped with HEPA filters and centrifugal fan which is capable of maintaining negative pressure within an enclosed asbestos removal area by moving filtered air from inside the enclosed area to an outside location.
36. **NESHAPS for Asbestos** - EPA National Emission Standard for Hazardous Air Pollutants for Asbestos as revised November, 1990. (40 CFR Part 61.)
37. **NIOSH** - The National Institute for Occupational Safety and Health, Center for Disease Control.

38. **NIOSH 7400 method** - Phase contrast microscopy method for the collection and analysis of air samples for airborne fibers of greater than 5 microns in length and greater than a 3 to 1 aspect ratio. Counts both asbestos and non asbestos fibers.
39. **OSHA** - Occupational Safety and Health Administration of the United States Department of Labor.
40. **PACM** - "presumed asbestos containing material" - Thermal system insulation and surfacing material found in buildings constructed no later than 1980. The designation of a material as "PACM" may be rebutted pursuant to paragraph (k)(4), of 29 CFR 1910.1101.
41. **PEL** - Indicates OSHA's permissible exposure limit of 0.1 fibers per cubic centimeter (f/cc) for employee exposure based on an eight hour TWA.
42. **Regulated area** - An area established by the employer to demarcate areas where Class I, II and III asbestos work is conducted, and any adjoining area where debris and waste from such asbestos work accumulate; and a work area within which airborne concentrations of asbestos, exceed or there is a reasonable possibility they may exceed the permissible exposure limit.
43. **TWA** - Time weighted average means exposure concentration averaged over an 8 hour period.
44. **TEM** - Transmission Electron Microscopy - A procedure used to analyze asbestos air and bulk samples which can distinguish between asbestos and non asbestos fibers.
45. **Variance** - A written request to the Owner/EPA (or other regulatory agency) for a change in the basic design of this project or a written request to a government regulatory agency for permission to follow a specific procedure that deviates from OSHA/EPA (or other regulatory agency) rules. The variance must give a detailed description of the change(s) requested, the rationale for the request, and be approved/acknowledged by Owner prior to implementation.

INSTRUCTIONS TO BIDDERS

A. ADDITIONAL DEFINITIONS

1. OWNER: AMERICAN STORES PROPERTIES, INC.
1955 WEST NORTH AVENUE, BUILDING "F"
MELROSE PARK, IL 60160-1181
CONTACT: MR. JIM PEELE
708/786 3038 FAX: 708/786-3009
2. INDUSTRIAL HYGIENE CONSULTANT/ PROJECT MANAGER:
HYGIENEERING, INC.
7575 PLAZA COURT
WILLOWBROOK, IL 60521
CONTACT: MR. NELSON GRAY
630/654-2550 Fax 630/789-9813
3. Bidding Documents include the Introduction and Definitions, Instructions to Bidders, Scope of Work, General Conditions, ACM Inventory, Floor Plans and Notes, other documents attached hereto and generally referred to herein as specifications and standards, and any Addenda which may be issued prior to receipt of bids.
4. Addenda are written or graphic documents issued prior to the execution of the Agreement which modify or interpret the Bidding and Contract Documents.

B. BIDDER'S REPRESENTATIONS

1. Each Bidder, by making his bid represents and covenants that:
 - a. He has read and thoroughly reviewed all sections of the specifications, all available Drawings, Plans and Notes, all Contract Documents, all applicable Local, State and Federal Laws, Regulations, Standards and Ordinances, and all other matters which can, in any way affect the work.
 - b. He has personally visited the site of the proposed project and thoroughly familiarized himself as to the nature and location of the project, the character, quality, and quantity of materials to be encountered, and the kind of equipment needed during the execution of the work.
 - c. He has the equipment, technical ability, personnel and facilities to perform the project in accordance with the Contract Documents.
 - d. He has examined the Contract Documents and has found them sufficiently complete to enable him to prepare a sound proposal.

- e. He is responsible for each and every obligation stated, implied or referenced to in the Contract Documents.
 - f. He and any proposed subcontractors are qualified to perform the work hereunder and shall do so in accordance with the Contract Documents and the standards of care and diligence normally practiced by nationally recognized firms in performing work of similar nature and in a safe manner in compliance with all applicable laws, ordinances, standards and regulations.
 - g. He shall be solely responsible to Owner for health and safety relating to the work and for the acts and omissions of himself, his subcontractors, agents and employees.
2. Bidders will not be given extra payments for conditions which can be determined by seeking clarification on issues, or examining the site, available drawings, plans, notes, or the Contract Documents or their experiences from projects of similar scope and nature.
 3. Bidder agrees to treat as strictly confidential any information in any way relating to the Bidding Documents, the Bidder's proposal, the site or the Owner.

C. SUBSTITUTIONS

Each Bidder represents that his Bid is based upon the materials and equipment described in the Contract Documents.

NO SUBSTITUTION WILL BE CONSIDERED.

D. BIDS

Bids shall be made in accordance with the following instructions:

1. Bids shall be complete and properly executed, including each and every item; amounts shall be stated. Erasures, interlinearations or alterations on the Bid Form will not be permitted.
2. Submit signed Bid Form in triplicate, all copies signed. Type name under each signature. The signatures of all persons shall be in long hand by named individual.
3. Submit all required attachments in triplicate.
4. If a Bid is submitted by an individual, said Bid shall be signed by the person making such Bid or the Bid shall have attached thereto a power-of-attorney evidencing authority to sign the Bid in the name of the person for whom it is signed.

5. If a Bid is submitted by a partnership, said Bid shall be signed by all of the partners or by an attorney-in-fact. If signed by an attorney-in-fact, there shall be attached to the Bid a power-of-attorney for the individuals for whom it is signed.
6. If a Bid is submitted by a corporation, said Bid shall be signed with the correct corporate name thereof, and the signature of the president or other authorized officer manually written beside the corporate seal.
7. No oral, telegraphic or telephonic Bids or modifications will be considered. Alternate bids will not be considered unless called for in the Bidding Documents.
8. A Bid is invalid if it has not been received with all requirements at the designated location prior to the time and date established for receipt of the Bid as indicated on the Bid Form.
9. No Bidder may modify, withdraw or cancel his Bid or any part thereof without the consent of the Owner, except where the award of the contract has been delayed more than 90 days.
10. Bids may be withdrawn by written or telegraph request dispatched by the Bidder in time for delivery in the normal course of business prior to the time fixed for opening of Bids, provided that written confirmation of telegraphic withdrawal over the signature of the Bidder is placed in the mail and post marked prior to the time set for opening of Bids.
11. The Owner reserves the right to reject any and all Bids and to waive any irregularities therein, based solely on Owner's best interests.
12. The Owner reserves the right to refrain from awarding the project based on the Owner's best interests.
13. The successful Bidder shall execute the Agreement in triplicate and deliver same to Owner and provide Owner with evidence of the required insurance and additional insureds, all within two (2) calendar days of receipt of Notice of Award of Contract.
14. Bids shall be submitted without comparison between Bidders of figures or other components of Bids and without collusion or fraud.
15. Each bid shall describe fully and clearly any assumptions underlying the Bid.

E. MONETARY/ TECHNICAL PROPOSAL

The Bidder must submit Two Documents to bid. The first is the Monetary Proposal/ Bid Form and the second is a Technical Proposal. Both proposals are due as noted at the time and place on the Bid Form.

Each document, Monetary Proposal/Bid Form and Technical Proposal, is to be submitted in two separate envelopes. Three copies of each are required.

F. THE TIME SCHEDULE FOR ABATEMENT WORK

Bidder acknowledges that time is of the essence in the performance of the work. When submitting a Bid, the Bidder agrees he shall meet the completion requirements and time deadlines. The Bidder agrees he shall provide adequate staff and financial resources to complete the project in accordance with the Contract Documents, including the time deadlines herein. He further agrees he has included premium or overtime wages necessary to have workers on overtime, night work, multiple working shifts, holidays, weekends or any other arrangements to adequately man the project to meet the schedule.

The Bidder agrees by submitting a Bid that he shall provide adequate safety precautions and protection to insure safe conditions for the building occupants during the entire abatement period. The Contractor alone is responsible for safety on this project.

G. NOTICE OF AWARD OF CONTRACT

Acceptance of a Bid shall be evidenced in writing from the Owner to the successful Bidder. Nothing else shall constitute acceptance of a Bid. If the bidder whose bid is accepted, fails to deliver the executed Agreement in triplicate accompanied by the necessary insurance certificate(s) evidencing the required insurance and additional insureds to Owner within two (2) calendar days of receipt of Notice of Award of Contract, such bidder shall hereby be deemed to have abandoned all rights and interest in the award, unless otherwise agreed by the Owner.

H. NOTICES/ SUBMITTALS TO OWNER

All notices and submittals required hereunder to be given directly to Hygieneering, Inc. on the Owner behalf. Send all information to:

Mr. Nelson Gray
Environmental Services Manager
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521
(630) 654-2550

I. SUBCONTRACTORS

Each Bidder shall supply with his Bid a list of any subcontractors proposed for the work and any other party to whom work hereunder proposed to be delegated, including the relevant qualifications and experience of each such subcontractor or other party.

J. BIDDER REQUIREMENTS

1. 5 years minimum U.S. experience in asbestos abatement.
2. Bidders bidding the work shall have their own place of business, equipment, staff, manpower, etc., required for the type of work they are licensed to perform in the State of Illinois and shall show evidence of same.
3. The Bidder must exhibit experience in managing a similar project to the size and scope of this one. This experience must include working with subcontractors who also have experience in demolition and restoration contracts with asbestos. This experience should illustrate working with local labor pools and subcontractors of the area. This experience should show that the size of the Bidder and any proposed subcontractors is such that they can maintain a work force of the technical experience and size to complete the project in a timely and orderly manner as required by the Contract Documents.
4. Bidders bidding the work shall provide the necessary financial information to Owner when requested, including, but not limited to, the financial statements for the years 1995, 1996 and 1997. The financial statements shall have been prepared and certified by a C.P.A.
5. A list of no less than four (4) references on similar projects performed within the last three (3) years shall be submitted with the bid.
6. Bidders bidding the work shall be able to meet the necessary insurance coverages and limits required by Contract Documents. The insurance company shall be acceptable to the Owner. The successful Bidder shall meet the insurance requirements as indicated in the Contract Documents. If the Contractor's insurance does not meet the requirements, he shall provide a list of deficient coverages within two (2) calendar days of receipt of Notice of Award of Contract for the Owner to review.
7. The Bidder shall be approved to do asbestos abatement work by the Illinois Department of Public Health.
8. The Bidder shall provide with his bid written testimony confirming that there are no legal actions or citations pending against the firm that relate to employee safety and health or the environment.

K. TECHNICAL PROPOSAL

Bidders submitting a Monetary Proposal must also submit a written descriptive Technical Proposal which shall describe how the Bidder proposes to complete the

project. It shall describe all phases of asbestos abatement that the Bidder plans to execute to complete the project and that are included in his Monetary Proposal. The Bidder must illustrate to the Owner that the Bidder is capable of completing the work as required by the Contract Documents and knowledgeable of the complexity and requirements of the project. The Bidder must illustrate he has the ability to manage and complete a project of this size, scope and time schedule.

The Technical Proposal will be used to evaluate the Bidder's understanding of the nature of and schedule of the project and its adherence to the applicable laws, ordinances, standards, rules and regulations.

The merits of this Technical Proposal will be considered separately from the Bidder's Monetary Proposal.

Both proposals constitute the Bid and will be used in the selection process.

The following sections must be included in the Technical Proposal as well as any other information the Bidder wishes to submit which he feels will illustrate his ability to perform successfully on this project:

1. **References:** no less than four (4) asbestos abatement projects of similar scope, size within the last (3) three years.
2. **Resume and experience** of project superintendent, foremen and other key personnel assigned to this project. Their experience on projects of similar size and scope must be described. Differentiation of individual experience and company experience must be shown. Projects evidencing individual experience and company experience with general construction coordination of trades and subcontractors should be shown. Once these key people are identified in this Technical Proposal, they are thereby assigned to this project if the Bidder is successful and cannot be changed without approval by the Owner or the Owner's representative. If a substitute is approved by the Owner, the new individual must have comparable experience.
3. **Develop an illustrative document showing phases,** levels of workers required, levels of management required, time schedule, amount of work to be completed at key dates, when and what each subcontractor (if applicable) will be doing as well as their manpower levels.
4. **Provide information** on types of equipment and quantities required for this project.
5. **Provide ratios** of experienced personnel vs. newly acquired licensed asbestos workers.
6. **Action Plan** to complete project to meet time schedule.

7. Provide the **experience level of any proposed subcontractor** for this project with respect to working on similar size projects and having adequate staff to meet the time schedule including multiple shifts, night work and weekend work.
8. Explain how this project falls within the past performance experience of your company. Are there any other reasons why your company should be selected over your competitors, to accomplish this project?

L. BIDDER'S RESPONSIBILITY FOR CONDITIONS AT THE WORK SITE

Each Bidder shall inform himself of the conditions under which the work is to be performed, the site of the work, the obstacles which may be encountered and all other relevant matters concerning the work to be performed; also, the Bidder, if awarded the contract, shall not be allowed any extra compensation by reason of any matter concerning conditions to which such Bidder might have fully informed himself prior to the bidding.

M. PERFORMANCE

The Contractor may be required to attend meetings with the Owner to report on construction progress. The Owner or Owner's Representative shall request attendance, and failure to attend will constitute breach of the Contract Documents and will be reason to withhold payment, among other Owner remedies.

N. ADDITIONAL COSTS AND EXTRAS

All overtime or extra costs for work consistent with the Contract Documents and within the specified time limitations must be included in the Bid. The Owner will not pay for any extra costs.

All Federal and State taxes and fees in addition to all benefits and other compensation costs associated with the performances of the work must be included in the bid. The Owner will not pay for any extra costs.

The Bidder agrees that by submitting a bid, he realizes he may need to work multiple shifts, including night shifts, weekends and holidays. All premium wages are included in his Bid. The Owner will not pay any premiums on wages.

The prices in the Bid shall include all costs and charges necessary to perform the work consistent with the Contract Documents, including with limitation, all costs and charges for packing, transportation, and delivery to the work site. The price in the Bid is a fixed, not-to-exceed price. Any additional costs or extras which could have been discovered or reasonably anticipated by Bidder prior to bidding shall be the sole responsibility of the Contractor.

The signing of these Bid Forms shall be construed as acceptance of all provisions contained in the Contract Documents.

All Bid Forms shall be submitted with each space properly completed. The special attention of Bidders is directed to the policy that no claim for relief because of errors or omissions in the bidding will be considered, and Bidders will be held strictly to the proposals as submitted. Should a Bidder find any discrepancies in, or omissions from, any of the documents, or be in doubt as to their meanings, he shall advise the Owner's Representative, who will issue the necessary clarifications to all prospective Bidders by means of Addenda.

O. INTERPRETATION OF CONTRACT DOCUMENTS PRELIMINARY TO THE SUBMISSION OF BIDS

Any interpretation of the Contract Documents will be made only by an Addendum duly issued, and a copy of such Addendum will be mailed, facsimiled or delivered to each person issued a set of contract Documents by Owner or Owner's representative as necessary. It is the responsibility of each Bidder to keep himself informed of current bidding information.

P. PERMITS AND FEES

All permits, licenses, tap-on fees, tie-in fees and any other fees shall be included in the Bid.

Q. RESERVATION OF RIGHTS BY THE OWNER

The Owner reserves the right to reject any or all Bids, to waive irregularities, and to accept that Bid which is considered to be in the best interests of the Owner. Any such decision shall be considered final.

The Owner reserves the right to refrain from awarding the project if it is considered to be in the best interests of the Owner.

R. PRE-BID MEETING

The mandatory Pre Bid Meeting(s) for all Bidders for this project is scheduled for Wednesday, October 27, 1998 at 7:00 A.M.. The meeting shall be held at the store. Please meet at the front of the store at the designated time.

The purpose of the Pre Bid Meetings is to review the project and answer questions.

S. DELAYS

The Bidder must schedule his work knowing that there will be set backs and normal delays which he must include in his planning which are normal or typical. The Owner or Consultant will not accept minor delays or extensions of time.

The Contractor should be aware that this is an operating facility with guests. Extreme care must be taken to assure working conditions shall be safe and all workers shall not deviate from their work areas. The Contractor needs to anticipate these conditions in the schedule.

T. SCHEDULE OF WORK

The Bidder is to provide with his Bid a detailed schedule of work showing manpower requirements for each work area or zone, and significant work dates, including removal completion, clean air testing, and demobilization.

The Bidder agrees that by submitting a Bid, he realizes that he may need to work multiple shifts, night shifts and weekends. All premium wages shall be deemed included in his Bid.

U. EVALUATIONS

The Owner reserves the right to reject any and all Bids, to waive any irregularities or technicalities in the bidding, and to award each item to different Bidders or all items to a single Bidder unless otherwise noted herein, all according to only the best interest of Owner, and to determine whether in the sole opinion of the Owner: (1) an equal or alternate is a satisfactory substitute, (2) an early delivery date is entitled to more consideration than price, (3) an earlier delivery date is to be disregarded because of the reputation of the Bidder for not meeting delivery dates, (4) a Bidder is not a responsible Bidder and should be disregarded and (5) what exceptions or deviations from written specifications will be accepted.

V. STRUCTURAL WORK ACT

The Contractor shall defend, hold harmless and indemnify the Owner's Representative/ Constituent against any action or claim brought under the Structural Work Act of the State of Illinois to the full extent permitted by law, but not to the extent such action or claim resulted solely from the negligence of Owner or Owner's representative/ Consultant. The Contractor shall purchase and maintain insurance covering liability for actions and claims brought under the Structural Work Act of the State of Illinois for the benefit of themselves, the Owner and the Owner's Representative/Consultant. Such insurance shall be for not less than the greatest amount of liability insurance specified in the Contract Documents. This shall not limit any other obligations of the Contractor, or any of his subcontractors. If any part of this paragraph is deemed invalid by any court, then that part shall be deleted and the remainder of this paragraph shall continue in full force.

W. NEGATIVE AIR PATENT

A Bidder proposing to provide for asbestos abatement containment and removal hereunder this contract using the reduced pressurization and filtration system covered by U.S. Patent No 4,604,111 shall submit written proof with its Bid that it is currently

licensed to use such system. Any Bidder submitting a Bid which contemplates using the so-called Natale patent process without providing proof of licensure shall be deemed a non-responsive Bidder. Inquiries with respect to the scope of the aforementioned patent and license application inquires may be directed to GPAC, Inc. 7854 Browning Road, Pennsauken, N.J. 08109 (609) 486-1555.

In lieu of the above patented system, Bidders may provide for alternative negative air enclosure systems in their Bids capable of satisfying EPA, OSHA and specification requirements applicable to the project.

The Contractor shall include in its Bid all license fees for patents and products and processes. The Contractor shall indemnify, defend and hold harmless (including without limitation payment of reasonable attorney's fees and costs) the Owner, its Officers, Hygieneering, Inc., agents and employees from and against any and all claims for unauthorized or otherwise wrongful use of a patented system or product arising out of or related to Contractor's work on this project.

The Bidder shall submit with its bid either proof of the GPAC License or documentation of the alternate negative air system that would be utilized.

X. SPECIFIC OWNER REQUIREMENTS

1. ENVIRONMENTAL POLICY E5

USE OF HAZARDOUS MATERIALS IN THE WORK PLACE

The Abatement Contractor must comply with all requirements as set forth in the ASPI E5 Environmental Policy for materials brought to of used on the job site.

2. WASTE DISPOSAL

All waste shall be disposed of as directed in the ASPI Administrative and Technical Manual distributed at the ASPI meeting held on October 22, 1998. All waste must go directly to an approved landfill for the disposal of asbestos materials. The waste shall not be mixed with anyone else's waste. The waste shall not be held at the Contractor's yard to be disposed of at a later date. Use the following information on all waste documentation (WSR, Manifests, etc.) for store projects coordinated by ASPI Construction Project Manager:

Jewel Food Stores
1955 West North Ave. - Building "F"
Melrose Park, Illinois 60160-1181
Mr. Jim Peele - 708/786-3038

3. BILLING INFORMATION

All billing shall be submitted as directed in the ASPI Administrative and Technical Manual distributed at the ASPI meeting held on October 22, 1998. Incomplete, missing or incorrect billing documentation may result in a delay of payment. See attached forms.

CONTRACTOR SUBMITTALS

- A. Before the start of work the Contractor shall submit the following to the Asbestos Project Manager for review and approval:
1. NESHAPS notification of asbestos removal and other required notifications.
 2. Federal, state and local regulations, laws, ordinances and standard.
 3. Federal, state and local notices.
 4. Federal, state and local permits.
 5. Federal, state and local licenses.
 6. US EPA written notifications and other required notifications.
 7. A copy of Workers' acknowledgment certificates.
 8. A copy of Workers' training certificates and licenses.
 9. A copy of Workers' examining physician's statements.
 10. Plans for emergency actions.
 11. Telephone numbers of emergency services.
 12. Notification to emergency service providers.
 13. Product data substantiating material use.
 14. Instructions and specifications for removal encapsulants.
 15. NESHAPS certifications for materials and equipment.
 16. Material Safety Data Sheets.
 17. Manufacturers product data for each personal protective equipment component used.
 18. Written respiratory protection program.
- B. After the completion of work, the Contractor shall submit Waste Disposal Manifests and Landfill receipts for asbestos.
- C. During the course of the abatement work, the Contractor shall submit on a regular basis to the Asbestos Project Manager the following:
1. Results of personal air sampling with appropriate laboratory documentation (daily).
 2. Copies of all transport manifests, trip tickets and disposal receipts for all asbestos waste removed from the site must be submitted within 72 hours of the removal of the waste from the job site.
 3. Logs documenting work site entry by employees and visitors, respiratory protection in use each day and regular maintenance checks/filter changes on control equipment such as the negative pressure ventilation units and HEPA vacuums (weekly).
- D. Failure of the Contractor to submit, in a timely fashion, the notifications and documents required above will be grounds for the Owner to delay the start of work, stop work in progress and/or withhold payment to the Contractor.

I. SCOPE OF WORK

A. DESCRIPTION OF THE WORK

Contractor shall provide all labor, materials, equipment, training, testing, insurance, bonding, permits and licenses necessary for the execution of asbestos abatement in the following areas:

1. Mezzanine level - All asbestos containing/contaminated floor tiles (all layers), sheetgoods and mastics shall be removed using proper wet removal methods following the procedures developed in the Negative Exposure Assessment (NEA). Wherever possible install critical seals and/or "Z" flaps to separate the work areas from the other portions of the mezzanine.
2. Main Sales Floor - From specified limited areas of the Main Sales Floor, remove all asbestos containing/contaminated floor tiles (all layers), sheetgoods and mastics using proper wet removal methods following the procedures developed in the Negative Exposure Assessment (NEA). These areas shall be noted on the ASPI Construction Schedule and noted on the abatement drawings.
3. Unit Costs for the removal of additional asbestos containing/contaminated floor tiles (all layers), sheetgoods and mastics using proper wet removal methods following the procedures developed in the Negative Exposure Assessment (NEA). Include in your cost for the initial 100 square feet all mobilizations fees. Unit cost by square foot for quantities in excess of the first 100 square feet will also be sought.

B. WORK SEQUENCING

The Contractor shall perform the removal work in accordance with the ASPI Construction Schedule and meet the specific requirements set forth below..

1. Work is scheduled to begin on Sunday, November 1, 1998 at 11:00 PM and be complete according to the ASPI Construction Schedule. The work shall be performed Sunday nights through Friday morning. The Contractor shall work from 11:00 p.m. until 6:00 a.m. during these shifts. The store is open 7:00 am - 12:00 Midnight, seven days a week.
2. Non-removable equipment will remain in the work area. These materials shall be protected from ACM contamination during removal. A minimum of one (1) layer plastic sheeting/drop cloth is required to protect materials/equipment that remains in the work area.
3. For the break and office areas, the Contractor is responsible for moving items (eg: lockers, pop machines, table, chairs, etc.) as need to complete the removal of ACM. These materials shall be protected from ACM contamination during removal. A minimum of one (1) layer plastic sheeting/drop cloth is required to protect materials/equipment that remains in the work area.

4. The Contractor is responsible for installing a bead of leveling compound, **without the latex fixer**, at all transitions between the newly exposed concrete floor and the remaining tile to prevent tripping. The leveling compound will be beveled for a smooth transition at all traffic points.

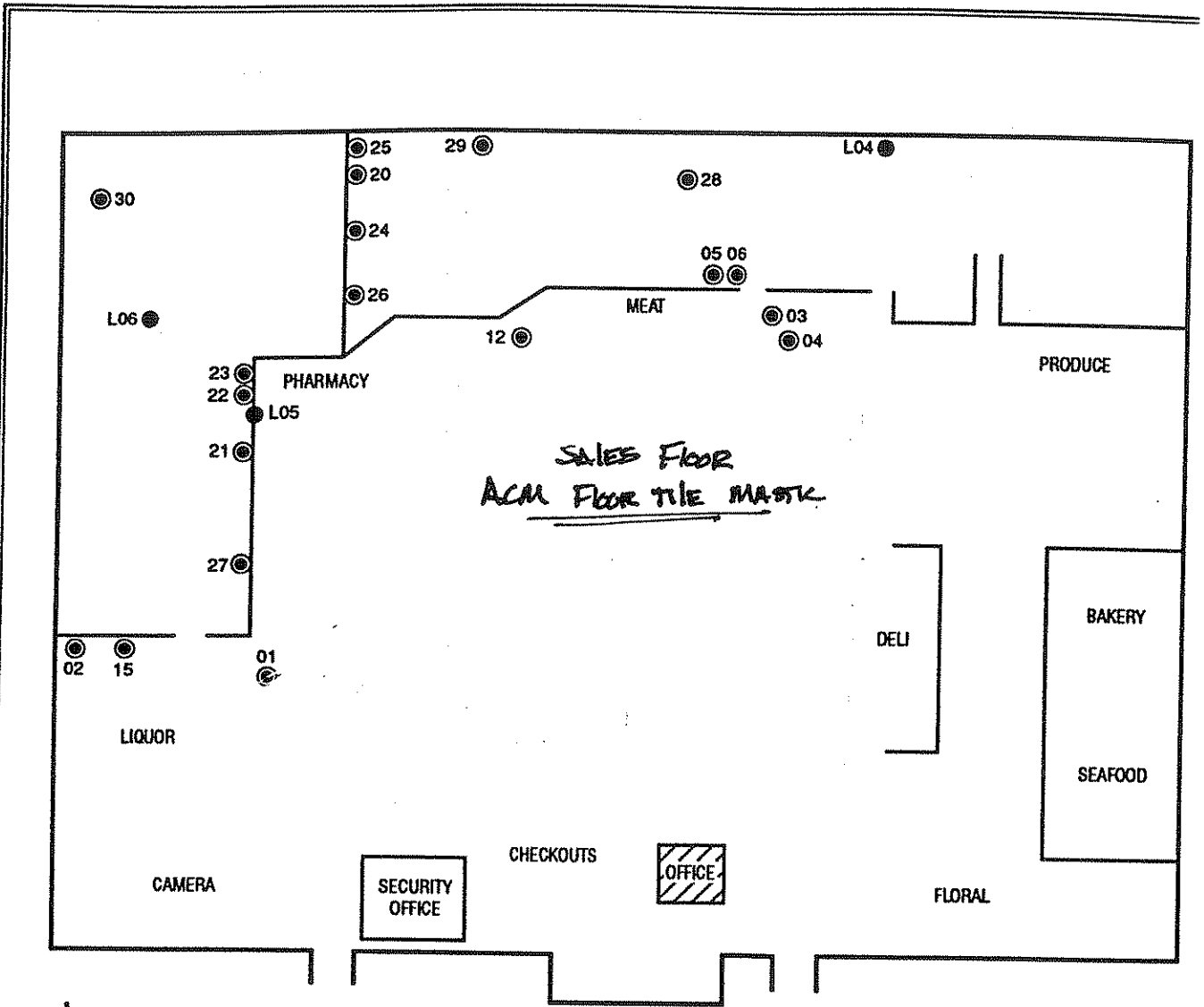
C. PROJECT REQUIREMENTS

1. All of the costs for the Owner's Industrial Hygiene Consultant and building operations (i.e.: utilities, security, etc.) resulting from failure by the Contractor to complete the work by the required date will be assessed to (and paid for by) the Abatement Contractor for every day that the project goes beyond the agreed upon completion dates.
2. If the Contractor fails to complete the work by the completion date specified above they shall be assessed the cost of the Owner's Industrial Hygiene Consultant at the amount of \$750 /per eight hour work shift.
3. All asbestos abatement work to be performed shall be performed in a regulated work area under controlled conditions. All requirements of the EPA, OSHA and IDPH shall be met by the Contractor.
4. Environmental air monitoring will be conducted by the Owner's Industrial Hygiene Consultant prior to any asbestos abatement activity to establish a "baseline" background fiber level, during the abatement project to ensure integrity of enclosures and after the project to confirm successful completion of the work.
5. Personnel air monitoring is the responsibility of the Contractor and shall be performed by a qualified industrial hygiene firm at the direction of a CIH.
6. The Contractor shall take great care to maintain all finishes including, but not limited to, ceiling, wall and floor during this project. The limited removal on the sales floor shall be performed without damage to the adjacent tiles. If the Contractor causes any damages to any item, finishes or materials, they shall be repaired or replaced to the Owner's satisfaction at the Contractor's expense.
7. The Contractor shall perform the limited removal of the flooring on the sales floor with great care, without damage to the adjacent tiles. Adjacent tiles that are damaged shall also be removed by the Contractor at no additional charge to the Owner.
8. Respiratory protection shall be selected in accordance with the requirements of OSHA 1926.1101.
9. All work shall meet the requirements of the City of Chicago regulatory agencies.

ASPI CONSTRUCTION SCHEDULE

SEE ATTACHMENT

ACM SURVEY TABLES AND FLOOR PLANS




★ MAIN SALES FLOOR
 RE-TESTED 10/15/98
 All Floor tile mastic
 IS ACM POSITIVE AS
 A Result.



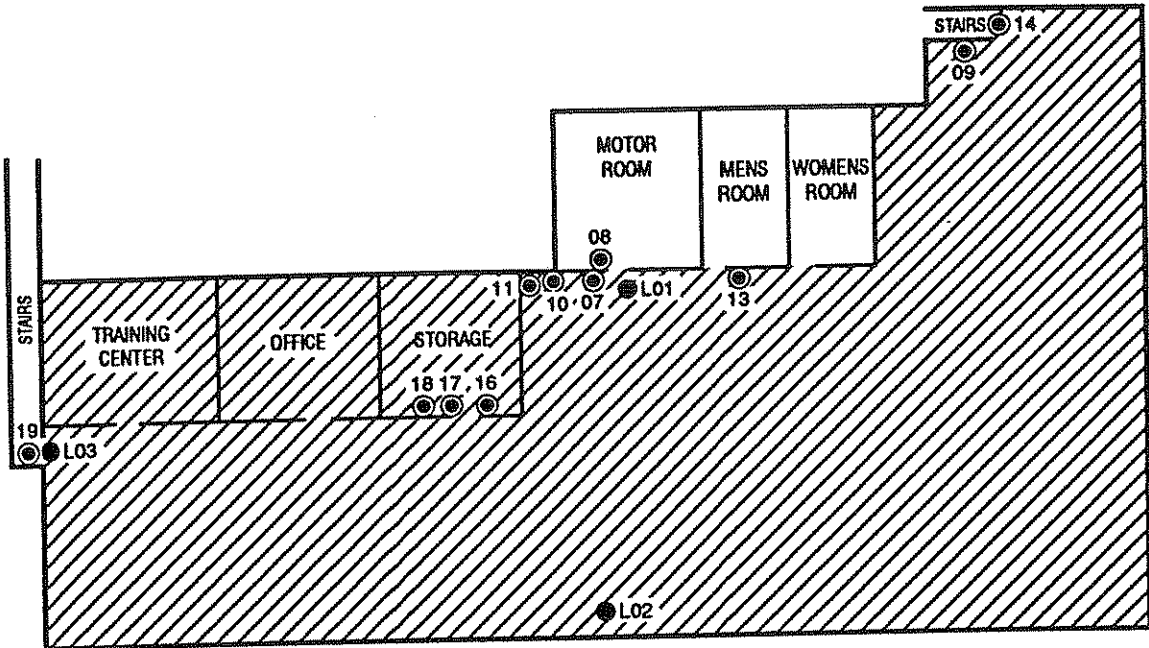
NOT TO SCALE

MAIN FLOOR PLAN

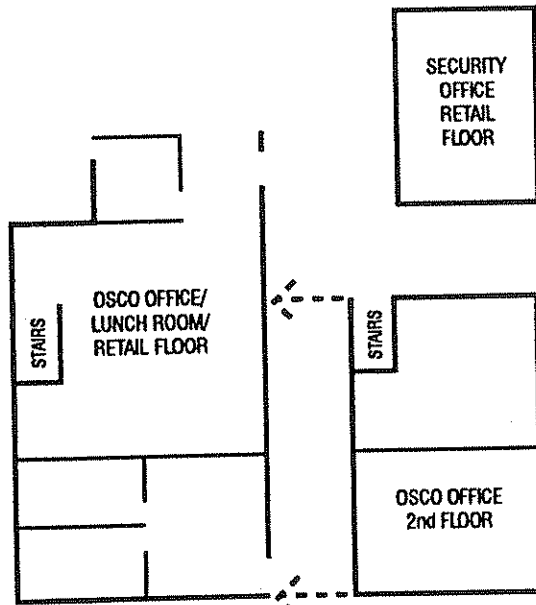
LEGEND

- BUILDING OUTLINE
- 06 ● ASBESTOS SAMPLE LOCATION AND NUMBER (AS-CH-06)
- L06 ● LEAD PAINT SAMPLE LOCATION AND NUMBER
-  MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 1	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV DATE: 7/5/95	CLIENT: AMERICAN STORES PROPERTIES, INC.	TITLE: ASBESTOS SAMPLE LOCATIONS JEWEL/OSCO - MAIN FLOOR 11414 SOUTH HALSTEAD AVENUE CHICAGO, IL	
FILE NAME: ScrASPI11414ChicagoSm1				



JEWEL MEZZANINE FLOOR PLAN



OSCO MEZZANINE FLOOR PLAN



NOT TO SCALE

LEGEND

- BUILDING OUTLINE
- 16 ● ASBESTOS SAMPLE LOCATION AND NUMBER (AS-CH-16)
- L02 ● LEAD PAINT SAMPLE LOCATION AND NUMBER
- ▨ MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 2	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV. DATE: 6/30, 7/5/95	CLIENT: AMERICAN STORES PROPERTIES, INC.	TITLE: ASBESTOS SAMPLE LOCATIONS JEWEL/OSCO - MEZZANINE FLOOR PLANS 11414 SOUTH HALSTEAD AVENUE CHICAGO, IL	
FILE NAME: ScrASPI11414ChicagoSm2				

**TABLE 1
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 1 of 4

Building Name: Jewel/Osco
Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: 12" x 12" white with tan streaks vinyl floor tile and mastic Jewel and Osco Retail Floor	3	6	M	NF	Good	Mastic: <u>RE-TESTED 10-15-98 By HARRINGTON - Mastic @ 1-5%</u> Tile: ND Mastic: ND	50,920 ft ²
	3	3	M	NF	Good	Tile: ND Mastic: ND	200 ft ²
Material: 12" x 12" Red vinyl floor tile and mastic Jewel and Osco Retail Floor	3	3	M	NF	Good	Tile: ND Mastic: ND	3,660 ft ²
	3	3	M	NF	Good	Tile: ND Mastic: 1-5%	3,660 ft ²

** Positive Mastic*

** Positive Mastic*

6/10/80

Handwritten notes and scribbles at the bottom of the page.

**TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 2 of 4

Building Name: Jewel/Osco

Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: 2' X 4' white ceiling tile Jewel Mezzanine Jewel Retail Floor	2	2	M	F	Good	ND	10,860 ft ²
	1	1					
Material: Black basecove and glue Jewel Mezzanine Osco Retail Floor	2	2	M	NF	Good	ND	1,820 ln. ft
	1	1					
Material: Brown basecove and glue Jewel Mezzanine	3	3	M	NF	Good	ND	50 ln. ft

TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 3 of 4

Building Name: Jewel/Osco

Location: 11414 South Halsted Street

Chicago, Illinois

Consultant Project #: 70400-032-01

Material & Location	# of Samples		Material Type	I/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: <u>DW</u> Drywall Jewel Mezzanine Jewel Back Room Osco Back Room	1	1					<u>7500</u>
	1	1					
	1	1	M	NF	Good	ND	<u>15,000 ft²</u>
Material: <u>MT</u> Joint Compound/Tape Osco Back Room Jewel Back Room	2	2					
	1	1					
	1	1	S	NF	Good	ND	<u>7500</u> <u>15,000 ft²</u>
Material: <u>MT</u> Drywall and joint compound Jewel Back Room Osco Back Room	2	2					
	1	1					
	1	1	M/S	NF	Good	ND	<u>15,000 ft²</u>

TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS

Subsidiary: Jewel/Osco
 Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 4 of 4
 Building Name: Jewel/Osco
 Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: <i>MJ</i> White hard elbow Jewel Back Room Osco Back Room	2	2					75 Elbows/ T-Joints
	1	1	TSI	F	Fair/Poor	ND	

Legend:

- S: Surfacing Materials - spray or trowel applied to building members
- TSI: Thermal System Insulation - materials generally applied to various mechanical systems
- M: Miscellaneous Materials - any material which does not fit either of the above categories

ASPI NEA ABATEMENT PROCEDURES

3.0 Required Procedures and Work Practices

A. Review of Available Survey Data/ Determination by Consultant

The Consultant has determined that work practices and procedures have been developed and mastered, such that exposures will consistently be below the PELs, if followed. A review of available exposure monitoring data will be conducted to confirm the data is applicable to procedures for each store.

B. Training Requirements of the Contractor

Crews are comprised solely of EPA trained abatement workers per AHERA, ASHARA and the EPA model accreditation program for asbestos and are licensed as Asbestos Workers by the applicable Department of Public Health or other agency delegated authority under OSHA. Crews are supervised by a competent person as defined by OSHA and EPA National Emission Standards for Hazardous Air Pollutants (NE SHAPS) who is also trained per the requirements under AHERA, ASHARA and the EPA model accreditation. Copies of crew credentials are kept on site in the Contractor's notebook and reviewed in advance of the project by the Consultant. The crew's work is coordinated and audited by the Consultant's environmental project manager, as designated in Section 2.

C. Procedures and Responsibilities associated with floor tile/ mastic abatement projects

1. Notification

- a) The Company Construction or Maintenance Project Manager is responsible for notifying the Consultant of the asbestos abatement project prior to the start of the project. Other Company notification and procedural requirements may also apply (See Environmental Policies E1 & E2)
- b) Company Operating Divisions are responsible for closing the store during ACM abatement project work and for notifying the public and its customers of the temporary change in store hours as determined collectively by the Consultant and Company.
- c) The Consultant is responsible for notifying the Contractor of the abatement schedule.
- d) The Contractor is responsible for submitting notifications to federal, state and local regulatory agencies as applicable. (Copy is in Section 2 with current store information)
- e) The Contractor is responsible for submitting notifications of the asbestos abatement project to emergency service agencies (police, fire, etc.).

2. Work area preparation (performed by the contractor)

- a) Clear access to the work area. Remove and secure moveable items from the work area where possible.
- b) Pre-clean fixed objects and specific equipment items which will remain within the proposed work area. It is preferred that HEPA filtered vacuum equipment and/or wet cleaning techniques are used for precleaning. Methods that raise dust, such as dry sweeping or vacuuming with non HEPA equipped vacuums is prohibited. ACM is not to be disturbed during the precleaning process.

- c) Install a splash guard of 6 mil poly that goes up the side of the gondola, columns, checkouts, case goods and furnishings at least three feet and is secured to the floor with duct tape. The Contractor does not need to completely cover the product on the gondolas. The purpose of the splash guard and poly is to prevent tile and mastic from contacting store product during the floor abatement process. In Produce, Bakery, Meat and Deli sections of the store, air tight seals of 6 mil poly shall be installed over exposed product in addition to the splash guard.
 - d) While working in offices and break rooms, protect furniture and immovable items with 6 mil poly sheeting to isolate it from the work area.
 - e) Designate the work area, waste staging area and decon areas as Regulated. Isolate the entire regulated area with asbestos warning signs and asbestos warning tape around its entire perimeter. Isolate the work area with a wall of poly sheeting inside of the asbestos warning tape (for open stores or full scale construction). Where possible, erect seals or [Z] flaps on doorways leading to the regulated areas, such as offices and break rooms.
 - f) Affix asbestos warning signs at all approaches to the work area. Secure the work area to prevent accidental entry by unauthorized personnel.
3. Abatement and Disposal (performed by the Contractor)
- a) Use non aggressive gross removal techniques to ensure floor tiles are removed substantially intact. Hand tools (eg spud bars), NOT mechanical means, are the only approved method for removal of floor tile. NO MECHANICAL means, such as the use of mechanical chippers are allowed.
 - b) Keep ACM flooring material sufficiently/ consistently wet during removal and while being bagged into impermeable double 6 mil bags or similar leak tight containers.
 - c) Use Control Low Odor Mastic Remover Solvent, produced by Grayling Industries, to remove floor tile mastic (MSDS included as Exhibit 4 in Appendix A). Any other solvent used must meet the ASPI Environmental Policy E5 and be reviewed and preapproved by the Consultant. Keep all MSDS sheets for the product at the job site in the Contractor's notebook during all project operations.
 - d) Mark bags, drums and other waste containers with the prescribed OSHA, EPA, NESHAPS and DOT labels. Wet wipe/HEPA vacuum the outside of these containers prior to moving them outside of the work area. Transport the labeled waste containers through the store in leak proof carts to the designated and labeled dumpster. The dumpster must be locked/ secured at the end of the shift by the Contractor.
 - e) Finish clearing the floor after the tile and mastic have been removed with a final TSP wash and/or HEPA vacuum. Also, prevent water/TSP wash and mastic solvent from accumulating on the floor. If the water or solvents do accumulate on the floor, the Contractor shall stop all work and clean up the excess before the work continues.
4. Decontamination (performed by the Contractor)
- a) Thoroughly wet clean/HEPA vacuum all surfaces and equipment in the work area.
 - b) Visually inspect the work area for any remaining ACM.
 - c) Remove poly sheeting from fixtures and objects physically remaining in the work area.

- d) Remove all debris from the work area.
 - e) Upon entering worker decontamination area, HEPA vacuum tyvek suit, remove and place it in a properly labeled disposal bag.
 - f) Remove and sanitize respirator.
5. **During and Post Abatement Visual Inspection (performed by the Contractor and Consultant)**
- a) Continuous visual inspection of the work area and work practices shall be performed during the shift.
 - b) Contractors shall monitor their own workers as required by OSHA.
 - c) Inspect (with a flashlight) under and on gondolas and end caps for tile pieces and mastic. This should be performed diligently from a number of angles and directions. Remove and properly dispose of any residual tile and mastic with other ACM debris.
 - d) Inspect for and control excessive mastic seepage from under nearby abated tiles and fixtures.
 - e) Perform a final walkthrough of the work area at the end of each shift with the Contractor's supervisor onsite. Both Consultant and the Contractor's supervisor/ competent person should be satisfied that the work is done and no debris or residue remains before leaving the site after a shift.
 - f) Provide written clearance that the work area/ building is ready for occupancy or demolition, as appropriate.
6. **Prohibitions (applicable to all entrants in the regulated area)**
- a) No unauthorized/ unprotected persons are permitted inside the regulated area.
 - b) No mechanical removal methods are permitted.
 - c) No dry sweeping or dry removal methods of ACM.
 - d) No leaving the work area without proper decontamination.
 - e) No wearing PPE outside the work area.
 - f) No exposed mastic may be left at the end of the shift.
- D. **Air Sampling/ Exposure Monitoring (performed by the Consultant)**
- 1. The consultant will collect the necessary environmental air samples, inside the work area, outside the work area, plus one full shift and one short term QA sample from one of the abatement contractor's workers. The purpose of the sampling is to verify the assumptions of this NEA and to take corrective action as needed.

2. The consultant will review and provide a copy of the results of the previous shift's air samples with the Contractor the next night on site and add the results to the NE A binder, upon completion of the project.
3. In the event of an OSHA or other regulatory agency inquiry at the job site, the Consultant will show this NE A and any corresponding air sampling results to such personnel. However, no data or information transmittals will be made at this time and the Consultant shall notify both ASPI Environmental and the Company Construction Manager within 24 hours of a regulatory agency visit.
4. The Consultant will keep the Negative Exposure Assessment on site during the work shift for historical data documentation and to show to regulatory agency people upon request.

II. WORK AREA PREPARATION AND REMOVAL PROCEDURES

The following requirements shall be complied with for all asbestos abatement work, unless otherwise specified.

A. WORK AREA PREPARATION

The Contractor shall perform and be responsible for all of the following:

1. General

- a. Remove all items that have been designated uncontaminated by the Contract Documents or Project Manager. Also remove uncontaminated equipment and/or supplies from the work area before commencing work.
- b. Pre-clean fixed objects and specific equipment items which will remain within the proposed work area, using HEPA filtered vacuum equipment and/or wet cleaning techniques, as appropriate, then enclose with one layer of minimum 6 mil thick polyethylene plastic sheeting and securely seal with duct tape. Such furnishings shall be considered outside the work area unless the sheeting or seal is broken during the course of the abatement.
- c. Place all tools, ladders, etc. necessary for the work in the work area to be isolated before any work begins.
- d. Completely isolate the work area from other parts of the facility to prevent asbestos containing dust or debris from passing beyond the isolated area. Isolate the abatement work area with a minimum of two layers of 6 mil polyethylene sheeting over all openings to the work area to control and contain fibers during gross removal.
- e. The Contractor shall install the "Asbestos Warning" signs around the work area, entrances and exits. The work areas shall be secured to prevent accidental entry by unauthorized personnel.
- f. Clean the proposed work area using HEPA filtered vacuum equipment and/or wet cleaning techniques, as appropriate. Methods that raise dust, such as dry sweeping or vacuuming with equipment not equipped with HEPA filters are prohibited. Asbestos containing materials shall not be disturbed during the pre-cleaning process.
- g. Shut down and lock out of electrical power, other utilities and systems shall be arranged prior to beginning the project. Lockout/ Tagout safety procedures shall be followed throughout the project. Some HVAC equipment cannot be shut down and will remain active. Contractor shall seal all openings, doors, vents, grills and exhaust areas on active HVAC equipment with a minimum of one layer of 6 mil plastic sheeting.

- h. Provide temporary power and lighting to ensure safe installation of temporary power sources and equipment in accordance with the National Electric Code. All power to work areas shall be brought in through GFCI at the source. A licensed electrician shall perform all connection and disconnection.
- i. Floor surfaces shall be covered with minimum of 6 mil polyethylene sheeting-sealed with duct tape. A minimum of one layer of this sheeting shall be on the floors. The plastic shall be sized to minimize seams. Seams shall be staggered to reduce the potential for water to penetrate the floor material.
- j. Emergency fire exits or established alternate exits from the work areas shall be provided in accordance with Local Laws and Fire Codes. The contractor shall supply at a minimum one fire extinguisher for each containment.

2. All Enclosures

- a. Negative pressure shall be maintained inside containments for the duration of the project with the accomplishment of at least 4 air changes per hour using HEPA air filtration units.
 - 1) First, determine volume of work area in cubic feet by multiplying floor area by ceiling height. Second, determine total air circulation requirement in cubic feet per minute (CFM) for the work area by multiplying this volume by the air change rate (4) and dividing by 60.
 - 2) Air Circulation Required in Cubic Feet of Air per Minute (CFM) equals Volume of Work Area (cu. ft.) times number of Air Changes per Hour divided by 60 (minutes per hour).
 - 3) Divide the air circulation requirement (CFM) above by capacity of HEPA filtered fan unit(s) used. Capacity of a unit for purposes of this section is 80% of rated capacity of HEPA filtered fan unit or the capacity in cubic feet per minute when fully loaded filters (pressure differential which causes loaded filter warning light to come on) per the machines' labeled operating characteristics.
 - 4) Air circulation requirement. CFM capacity of unit times the Number of units required.
 - 5) Add one additional unit as a backup in case of equipment failure or machine shutdown for filter changing.
- b. Locate fan units so that the makeup air enters work area primarily through decontamination facilities and traverses work area as much as possible. This may be accomplished by positioning the HEPA filtered fan units at a maximum distance from the work access opening or other make up air

sources. Contractor shall ensure continuous pressure differential and air circulation in the decontamination units.

- c. Place at the end of the HEPA air filtration unit an exhaust duct through an opening in the plastic barrier or wall covering. Seal plastic around the unit or duct with tape.
- d. Exhaust the filtered air directly to the exterior of the building. At no time shall the exhaust be discharged directly into the building.
- e. Pressure differential isolation and air circulation in the work area shall be accomplished by recirculating air in the work area through HEPA filtered fan units to accomplish air circulation requirements in this section and by exhausting air filtration units out of the work area to meet negative pressure requirement.
- f. Continuously maintain the pressure differential required for the work area in:
 - 1) Personnel Decontamination Unit: across the shower room with the equipment room at a lower pressure than the clean room.
 - 2) Equipment Decontamination Unit: across the holding room with the wash room at a lower pressure than the clean room.
- f. Continuously maintain air circulation in decontamination units at the same level as required for the work area.
- g. Continuously monitor and record the pressure differential inside and outside of the work area with a monitoring device incorporating a continuous recorder to ensure negative pressure of -0.02" water gauge.
- h. Demonstrate operation of Pressure Differential System to the Project Manager including, but not limited to:
 - 1) Plastic barriers and sheeting move lightly in toward work area.
 - 2) "Z" doors of decontamination units move lightly in toward work area.
 - 3) There is noticeable movement of air through decontamination unit.
 - 4) The Contractor's competent person shall demonstrate to the project manager, through the use of smoke tubes, air movement from clean room through shower room and equipment room prior to the start of work and the beginning of each shift thereafter.

- 5) The Contractor's competent person shall demonstrate to the project manager, through the use of smoke tubes, distinct movement of air across all areas in which work is to be performed on a regular basis.
 - 6) Provide daily recordings of negative pressure monitoring device to Project Manager.
 - 7) Modify the pressure differential system as necessary to successfully demonstrate the above.
- i. Prior to commencement of the removal process, the Contractor shall notify the Project Manager that work is ready to proceed. The Contractor shall not proceed with the removal before the work area has been inspected and work is approved to commence by the Project Manager.

B. ASBESTOS REMOVAL PROCEDURES

The Contractor shall perform and be responsible for all of the following:

1. Gross Removal

- a. Gross removal techniques shall be implemented in the removal of the asbestos containing materials from all systems, surfaces and structures including piping where the glove bag method is not feasible, or not specified.
- b. Start HEPA units before beginning work (overnight before any asbestos removal on large work areas), run units continuously to maintain a constant pressure differential and air circulation until decontamination of the work area is complete and final air clearance tests have been passed.
- c. Do not turn off units at the end of the work shift or when abatement operations temporarily stop. Do not shut down air pressure differential system during encapsulating procedures, unless authorized by the Asbestos Project Manager. Supply sufficient pre-filters to allow frequent filter changes (daily).
- d. Start abatement work at a location farthest from the fan units and proceed toward them. If an electric power failure occurs, immediately stop all abatement work and instruct all personnel to shower out and seal the entrances to the work area with duct tape. Do not resume until power is restored and fan units are operating again. The Contractor shall arrange for a person to stay on site until power is restored to ensure the start up of the air pressure differential system and open up the seals that were made in order for the air to flow freely into the work area.
- e. At completion of abatement work, allow fan units to run as specified to remove airborne fibers that may have been generated during abatement work and cleanup and to purge the work area with clean makeup air. The units may

be required to run for a longer time after decontamination, if dry or only partially wetted asbestos material was encountered during the abatement work.

- f. The material shall be sufficiently wet to prevent emission of airborne fibers in excess of exposure levels prescribed by OSHA 29 CFR 1926.1101 and NESHAPS. The asbestos material shall be wetted and maintained in a wet state with amended water containing a wetting agent to enhance penetration to prevent emission of airborne fibers in excess of exposure levels prescribed by OSHA 29 CFR 1926.1 101.
- g. Removed material shall be immediately placed in 6 mil plastic bags sealed and double bagged or wrapped in two layers of 6 mil poly for transport. Bags, drums, and other ACM containers shall be marked with the asbestos label prescribed by the OSHA, EPA, NESHAPS and DOT regulations referenced in these specifications. The outside of all containers shall be wet wiped and clean before leaving the work area. The bags shall also be labeled with the generator's name and address per NESHAPS.
- h. When possible, material shall be moved intact and unbroken to minimize the possibilities of fiber release.
- i. Once the material has been removed from the substrate, the surface of the substrate shall be scrubbed to remove any visible residual asbestos material. Wire brushes are not recommended because they may increase the fiber levels.
- j. Use of metal shovels, dust pans, and ladders will not be permitted. Should the Contractor feel that this equipment is necessary to complete the Contract, written permission must be obtained from the Project Manager.
- k. Throughout the removal process, all asbestos material shall be kept wet to avoid the dispersion of fibers into the work environment.
- l. All tears or detachments of the polyethylene shall be repaired immediately and reported to the Project Manager.
- m. All accumulations of water shall be removed from the floor of the work area using HEPA vacuums and/or squeegees.
- n. Containers (properly labeled as noted in item g above, minimum 6 mil thick polyethylene bags) shall be sealed when full and placed in a second minimum 6 mil thick bag. Bags shall not be overfilled. Bags shall be sealed to prevent accidental opening and leakage by tying the tops in an overhand knot or by taping in a goose neck fashion. Bags shall not be sealed by wire or cord.

- o. Large components, removed intact, shall be wrapped in two layers of minimum 6 mil thick polyethylene sheeting, labeled and secured with tape for transport to a landfill.
- p. Asbestos containing waste materials with sharp-edged components (e.g., nails, screws, metal lath, tin sheeting) which might tear the bags or sheeting shall be placed in drums or boxes and then placed in minimum 6 mil polyethylene bags.

q.

2. Mini Enclosures

- a. Mini Enclosures may be used to remove ACM materials in quantities that are less than 25 linear feet or 10 square feet.
- b. A small walk in enclosure which accommodates no more than two persons (mini-enclosure) may be used if the disturbance or removal can be completely contained by the enclosure with the following specifications and work practices.
 - 1) The fabricated or job-made enclosure shall be constructed of one layer 6 mil plastic or equivalent.
 - 2) The enclosure shall be placed under negative pressure by means of a HEPA filtered vacuum or similar ventilation unit.
 - 3) Before use, the mini enclosure shall be inspected for leaks and smoke tested by the Contractor's Competent Person in the presence of the Project Manager. If breaches are detected then the Contractor shall seal all breaches.
 - 4) Before reuse, the interior shall be completely washed with amended water and HEPA vacuumed.
 - 5) During use, air movement shall be directed away from the employee's breathing zone within the mini enclosures.

3. Glove Bag Removal (Fan Room)

- a. Asbestos containing thermal system insulation on piping that is less than 150 degrees Fahrenheit may be removed using the glove bag technique per 29 CFR 1926.1101 subparagraph (9).
- b. Glove bag systems shall be used to remove ACM from straight runs of piping with the following specifications and work practices.
 - 1) Glove bags shall be made of 6 mil thick plastic and shall be seamless at the bottom.

- 2) Each glove bag shall be installed so that it completely covers the circumference of pipe or other structure where the work is to be done.
 - 3) Glove bags shall be smoke tested for leaks by the Contractor's Competent Person in the presence of the Project Manager. Any leaks detected shall be sealed prior to use.
 - 4) Glove bags may be used only once and may not be moved.
 - 5) Glove bags shall not be used on surfaces whose temperature exceeds 150° F.
 - 6) Prior to disposal, glove bags shall be collapsed by removing air from within them using a HEPA vacuum.
 - 7) Before beginning the operation, loose and friable material adjacent to the glove bag operation shall be wrapped and sealed in two layers of 6 mil plastic or otherwise rendered intact.
 - 8) At least two persons per glove bag shall perform Class I glove bag removal work.
- c. Negative pressure glove bag systems shall be used to remove ACM and PACM from piping.
- 1) In addition to specifications for glove bag systems, negative pressure glove bag systems shall have a HEPA vacuum or other similar device attached to the bag to prevent collapse during removal.
 - 2) The employer shall comply with the work practices for glove bag systems in paragraph (g)(5)(ii)(B)(2) in the OSHA 1926.1101 standard.
 - 3) The HEPA vacuum cleaner or other device used to prevent collapse of bag during removal shall run continuously during the operation.
 - 4) Where a separate waste bag is used along with a collection bag and discarded after one use, the collection bag may be reused if rinsed clean with amended water before reuse.
 - 5) A back up generator shall be present on site.
 - 6) Waste bags shall consist of 6 mil thick plastic that are double-bagged before they are filled or of plastic thicker than 6 mil, so that the final disposal packages are 12 mil thick at a minimum.

- 7) Glove bag operations require at least two persons to perform the removal (2 persons are required for each glove bag).

4. Commencement Of Work

The Contractor shall not begin the abatement work until the following requirements have been met:

- a. Enclosure systems have been constructed and smoke tested by the Contractor's Competent Person prior to the start of removal and the beginning of each work shift thereafter.
- b. All pre-abatement submissions, notifications, posting, and permits have been provided and are satisfactory to the Asbestos Project Manager.
- c. All equipment for abatement, cleanup and disposal are on hand.
- d. The Contractor has received written permission from the Asbestos Project Manager to commence abatement.

C. WORK AREA AND WORKER DECONTAMINATION

The Contractor shall perform and be responsible for all of the following:

1. Work Area Decontamination

- a. After asbestos containing materials are removed, bagged and disposed of from the work area, the Contractor shall thoroughly wet clean and HEPA vacuum all surfaces and work equipment.
- b. After completion of the cleanup operations, the Contractor and Asbestos Project Manager shall perform a complete visual inspection of the work area to ensure that the work area is clean and free of visible contamination. A thin layer of encapsulant (lock down) can then be applied to all newly exposed surfaces.
- c. The Owner's Air Sampling Professional shall collect final air samples to be analyzed by PCM NIOSH 7400 method, 3rd Revision May 1989, or by TEM 8 hours after completion of all cleaning work.
- d. If the Owner's Asbestos Project Manager finds the work area is still contaminated, the cleaning and sampling cycle will be repeated until the area passes this "clearance testing." Without exception, all additional costs, including costs for industrial hygiene services and analytical work, after this first air test will be borne by the Contractor.

- e. If the final air monitoring results are all less than 0.01 f/cc as measured by PCM, the Contractor shall be permitted to remove critical barriers, poly sheeting and equipment and return the work place to the Owner in an acceptable condition.
- f. All debris created by the Contractor shall be removed from the premises by the given project deadline. Damages created shall be similarly repaired.

2. Worker Decontamination

- a. The Contractor shall construct or provide a decontamination enclosure system (DES) for all types of asbestos removal work performed in accordance with the OSHA 29 CFR 1926.1101.
- b. Worker decontamination enclosure systems (DES) shall be provided at the location where workers will enter or exit a work area. One system at a single location for each contained work area is required, unless otherwise specified.
- c. The worker decontamination enclosure systems which are constructed at the work site shall utilize minimum 6 mil polyethylene frosted or opaque black sheeting for the walls and ceiling. The floors shall be constructed of one layer of 6 mil poly installed over a layer of 15# roofing felt and two layers of 6 mil poly.
- d. The worker decontamination enclosure system shall consist of at least 5 chambers (a clean room, a 3 ft. air lock, shower room, a 3 foot air lock, and equipment room).
- e. Entry to and exit from all decontamination enclosure system chambers shall be through curtained doorways. These doorways shall consist of at least three overlapping sheets of minimum 6 mil thick polyethylene plastic over an existing or temporarily framed doorway to form a "Z" door.
- f. The clean room shall be sized to accommodate the clothes and equipment of the work crew. Clean work clothes, clean disposable clothing, replacement filters for respirators, towels and other necessary items shall be provided in the clean room. A location for posting OSHA required signs and work procedures, notices, etc. shall also be provided in this area. A lockable door shall be used to restrict access into the clean room from outside the worker area at the end of each shift. This room shall not be used for the storage of tools, equipment or materials or as office space.

- g. The airlock between the clean room and shower and between shower and equipment room shall be at least 3 feet in length between the curtained doorways. No materials or equipment shall be kept in these air locks at any time.
 - h. The shower room shall contain one or more showers to accommodate workers. This shower room shall be constructed in such a way to eliminate the possibility of leakage of any kind. Each shower head shall be supplied with hot (the Contractor shall supply a hot water heater if required) and cold water, adjustable at the tap. Soap shampoo, and towels shall be provided by the Contractor and shall be made available at all times. Shower water shall be drained, collected, and filtered through a system capable of collecting particulates of 5.0 micron or larger in size, and shall be capable of handling the water generated by the shower heads for an indefinite length of time. A system containing a series of several filters with progressively small pore sizes shall be used to avoid rapid clogging of the filtration system by large particles. Filtered water shall be discharged to a sanitary sewer. The shower stalls will be sanitized with chlorine bleach and water solution (1:5) at the end of each shift. The Contractor shall demonstrate the operation of the filtration system to the Project Manager prior to its use.
 - i. The equipment room shall be used for storage of equipment and tools at the end of a shift after decontamination using a HEPA filtered vacuum and/or wet cleaning method. Replacement filters (in sealed containers until used) for HEPA vacuums and negative air ventilation equipment, extra tools, containers of surfactant and other materials and equipment may also be stored in this area, as needed. A walk-off pan (such as a child swimming pool) filled with water shall be located in the work area just outside of the equipment room for workers to clean off foot coverings after leaving the work area and to prevent excessive contamination of the workers decontamination enclosure system. A drum lined with a labeled minimum 6 mil thick polyethylene bag for collection of disposable clothing shall be located in this room. Contaminated footwear (e.g., rubber boots and other reusable footwear) shall be stored in this area. This room shall have a lockable door to the exterior of the work area.
 - j. The Contractor shall HEPA vacuum or wet clean the decontamination enclosures and sanitize/disinfect the shower daily at the completion of the abatement activities.
3. Workplace Entry and Exit Procedures

Where decontamination enclosure systems are herein required, the following procedures shall be followed throughout the abatement work until clearance air monitoring has been performed and documented to the satisfaction of the Asbestos Project Manager. Post these procedures in the clean room and the equipment room to ensure compliance:

- a. All personnel and authorized visitors shall enter the work area through the worker decontamination enclosure system.
- b. All personnel and authorized visitors shall sign the entry log, located in the clean room upon entry and exit.
- c. All personnel and authorized visitors, before entering the work area, shall read and be familiar with all posted regulations, personal protection requirements (including work place entry and exit procedures) and emergency procedures. The entry log shall be used to acknowledge that these have been reviewed and understood by all personnel prior to entry.
- d. All personnel shall proceed first to the clean room, remove all clothing, and put on disposable coveralls, respiratory protection, and head, foot and hand coverings. Clean respirators and protective clothing shall be provided by the contractor and utilized by each person for each separate entry into the work area.
- e. Personnel wearing designated personal protection equipment shall proceed from the clean room, air locks through the shower room, and through the equipment room, to the work area.
- f. Before leaving the work area, all personnel shall remove gross contamination from the outside of respirators and protective clothing by wiping and/or wet cleaning procedures. Small HEPA vacuums with brush attachments may be utilized for this purpose, as larger machines might tear the suits. Each person shall clean the bottoms of protective footwear in a walk-off pan immediately prior to entering the equipment room.
- g. Personnel shall proceed to the equipment room where all protective equipment, except respirators, shall be removed. Disposable clothing shall be deposited into labeled containers for disposal.
- h. Reusable contaminated footwear shall be stored in the equipment room when not in use in the work area and shall be disposed of as asbestos contaminated waste upon completion of the abatement Contractor. (Rubber boots may be decontaminated at the completion of abatement project for reuse).
- i. While still wearing respirators, personnel shall proceed to the shower room, clean the outside of respirator and the exposed face area under running water prior to removal of the respirator and then shower and shampoo to remove residual asbestos contamination. Various types of respirators will require slight modifications of these procedures.

- j. After showering and drying, personnel shall proceed to the clean room and put on clean disposable clothing, if returning to the work area, or street clothes at the end of the work shift.
- k. Workers shall not walk around the building areas, or wander away from the immediate work area in disposable clothing. When it is necessary to walk away from the work area, clean and uncontaminated street clothes must be worn.
- l. If a remote decontamination facility is being utilized, (for glove bag work for example) then HEPA vacuum the outer set of coveralls and dispose of properly in an attached airlock before proceeding in the inside set of coveralls and respirator to the remote decontamination facility and follow steps g-j.
- m. Workers removing waste from the waste decontamination enclosure shall enter the holding area from the outside wearing a powered air-purifying respirator and wearing clean disposable clothing of a different color than those worn by the "inside" abatement workers.
- n. The Contractor shall maintain sanitary conditions at all times.

D. ASBESTOS WASTE DISPOSAL AND BAGOUT

The Contractor shall perform and be responsible for all of the following:

1. All asbestos containing waste shall be disposed of in accordance with NESHAPS regulations at an EPA approved landfill. The Contractor shall not knowingly select a disposal facility for the asbestos containing waste hereunder which is either (i) not in compliance with all applicable laws, regulations, standards, ordinances, permits and licenses, or (ii) a known, listed or suspected site of a contamination release. Contractor shall provide Owner with prior written notice of the Disposal Facility purposed to be used for the removal of asbestos containing waste hereunder and shall under no circumstances send or transport such removed asbestos containing waste without Owner's prior approval of such facility.
2. All asbestos material that is removed must be containerized for disposal by the end of the work shift.
3. The dumpsters shall be located as close as possible to the work area(s).
4. The dumpsters shall be totally enclosed and kept locked at all times when waste is not being loaded. The dumpster shall be lined with two layers of 6 mil poly and be labeled with asbestos warning signs.
5. If approved by the Asbestos Project Manager, the Contractor may establish a waste holding area in which to stage the waste prior to loading into the dumpster.

This area shall be protected by two layers of 6 mil poly on the floor and walls and bear an asbestos danger sign per OSHA.

6. Workers handling waste outside of the work areas must be suited in a different color suit for ease of identification. At a minimum the workers handling asbestos waste outside of the work area, must wear a half face air purifying respirator equipped with HEPA filters.
7. Every truckload/dumpster of asbestos containing material that leaves the property must be accounted for in the form of waste manifests, bills of lading, waste shipment records and landfill receipts. Signed copies of the waste shipment record must be submitted within 72 hours of the waste being removed from the job site.

E. OTHER WASTE DISPOSAL

The Contractor shall perform and be responsible for all of the following:

1. General wastes incurred in this project (other than asbestos), must be stored, transported and disposed of by the Contractor, as part of their base bid cost for their work.
2. **All portions of this scope of work must be met in order to satisfy the Contractor's obligations and to consider the work complete and acceptable for payment.**
3. **Submittals** - Before the start of work, the Contractor shall submit the following to the Owner's Project Manager for review and approval:
 - a. A written plan of action to perform work on this project including shop drawings showing the design of the negative pressure systems, the number of HEPA units required and layout of the proposed decontamination facility(s) and work area, work schedule and manpower allocations prior to performing work.
 - b. All required submittals described in this specification.
 - c. Notification to:

U.S. Environmental Protection Agency
Illinois Environmental Protection Agency
Local Police/Fire Department
 - d. IDPH Licenses, copy of current refresher course certificate and medical releases for all workers and supervisory personnel on the project.
 - e. NIOSH approvals for respiratory equipment.

- f. ANSI Certificate for HEPA vacuums, pressure differential equipment, other local exhaust ventilation equipment.
- g. Rental company notification or statement that no rental equipment is being used.
- h. Material Safety Data Sheets for products used on this project.
- i. Landfill name and address.
- j. Waste hauler name and address.
- k. Certification of landfill's knowledge as to nature of waste.
- l. Certification of waste hauler's knowledge as to the nature of waste.

III. TERMS, CONDITIONS, SAFETY AND INSURANCE

A. SAFETY

1. The abatement Contractor alone shall be responsible for the safety, efficiency, and adequacy of his plan, appliances, and methods, and for any damage which may result from their improper removal, construction, maintenance, or operation. He shall erect, and properly maintain at all times as required by the conditions and progress of the work, proper safeguards for the protection of workmen and the public and shall post danger warnings against hazards created by the construction operations. He shall designate a responsible member of his organization on the work, whose duty shall be the prevention of accidents. In the absence of notice to the contrary, filed in writing to the Industrial Hygiene Consultant, this person shall be the Superintendent of the Contractor.
2. The Contractor shall assume all responsibility for any toxic effects to workers of the air supplied to respirators or of encapsulants, wetting agents, and any other chemical agents, and the disposal of said agent and any residual toxic damaging residues to personnel or property.
3. Electrical power sources are available at the site for the Contractor's usage. The Contractor will provide all material and labor to extend the electrical services to the work areas in the building at the direction of a licensed electrician. The Contractor is to verify electrical voltage available at the site. The cost of the building source electrical power will be paid by the Owner.

B. INSPECTION BY ABATEMENT CONTRACTOR

1. The abatement Contractor acknowledges and agrees that he has an indivisible, indelible, nontransferable and contractual obligation to the Owner to make inspections of his own work at the stages of construction; and shall supervise and superintend performance of the work in such manner as to enable him to confirm, certify, and corroborate at all times that all work has been executed strictly, literally, rigidly, and inflexibility in accordance with the methods, materials, regulations, and required standards of cleaning designated herein or on drawings as a minimum.
2. No provision of this paragraph nor any inspection of the work by Owner, Owner's Representative(s), testing laboratory, or engineers employed by the Owner or Owner's Representative(s) or the Industrial Hygiene Consultant shall in any way diminish, relieve, or alter said responsibility and undertaking of the Contractor; nor shall the omission of any of the foregoing to discover or to bring to the attention of the Contractor the existence of any work or materials injured or done not in accordance with contract documents in any way diminish, relieve, or alter such obligation of the Contractor nor shall the aforesaid omission diminish or alter the rights or remedies of the Owner set forth in the contract documents.

C. EXPOSURE MONITORING BY THE CONTRACTOR

1. The Contractor, at his expense, shall provide all exposure monitoring required by specified applicable Federal and State regulations, codes, and standards, and any other tests for his use. All Monitoring shall be performed by a qualified and approved Industrial Hygiene firm.
2. The use of a testing laboratory by the Owner for Owner's testing and to conduct the specified clearance testing does not relieve the contractor of his responsibility for providing tests required by Federal and State regulations, codes, and standards for the protection and safety of his employees and for any other purpose.
3. Copies of air monitoring results by the Owner's Industrial Hygiene Consultant will be available to the Contractor.
4. Copies of all exposure monitoring reports by the Contractor's testing service shall be submitted to the Owner's Industrial Hygiene Consultant daily (within 24 hours of completion of the testing).
5. The Contractor's testing laboratory may be the same laboratory which the Owner has employed. The cost for Contractor's testing shall be included in his bid price.

D. CONTRACTOR'S RESPONSIBILITY FOR DAMAGES DURING CONSTRUCTION

1. After the final clean-up sequence and the final air clearance air tests have been conducted and acknowledged, the Owner's Representative, Industrial Hygiene Consultant and Contractor shall inspect the entire cleared work area for damaged items.
2. The Contractor will repair and/or replace all damaged materials that are found to have been made during the course of the asbestos removal work and clean-up procedure. The damaged material may include, but not to be limited to, the following: water and/or tape damage to wall surfaces, (drywall, concrete block glazed tile), floor surface (carpet, floor tile, ceramic tile), doors and hardware, plaster ceiling surfaces, fixed equipment, wall paneling, lighting fixtures, mechanical ductwork, electrical, communication, and security fire alarm systems.
3. Repair shall mean that the item(s) are returned to their original state, as a minimum, as determined by the Owner.

E. INSURANCE

In reference to any asbestos abatement work performed as a result of an invitation to bid, please be advised that pursuant to the provisions of the Owner's MASTER AGREEMENT FOR ENVIRONMENTAL SERVICES, Copyright 1993, 1994, by American Stores Properties, Inc., The Contractor shall maintain the minimum insurance coverages that are noted therein. Evidence of such coverage is to be furnished to the Owner prior to commencement of any work.

Certification is to be provided to the Owner evidencing coverage. An insurance policy and certificate is to be furnished to the Owner for the required Coverage indicated. The Insurance certificate(s) and policy should contain a statement to the effect the 30 days prior written notice will be given to the Owner regarding any modification or cancellation of the insurance inforce.

Any subcontractor utilized by the Abatement Contractor must provide certificates of insurance and policies documenting like coverage to the Owner for approval prior to the subcontractor performing any work.

Upon execution of the Owner's MASTER AGREEMENT FOR ENVIRONMENTAL SERVICES and each insurance renewal thereafter, the Contractor will produce the actual policy and certificate of insurance naming the "Owner" and each subsidiary or affiliate of the Owner and Hygieneering, Inc. as additional insured and certificate holder per the limits noted therein.

F. MASTER AGREEMENT FOR ENVIRONMENTAL SERVICES

The Contractor shall execute the Owner's MASTER AGREEMENT FOR ENVIRONMENTAL SERVICES, Copyright 1993, 1994, by American Stores Properties, Inc. prior to the start of the project. The Contractor shall be bound by the terms and conditions therein.

1.

IV. CODES AND REGULATIONS

A. GENERAL APPLICABILITY OF CODES, REGULATIONS, AND STANDARDS

Except to the extent that more explicit or more stringent requirements are written directly into the Contract Documents, all applicable codes, regulations, laws, ordinances and standards have the same force and effect (and are hereby made a part of the Contract Documents by reference) as if copied directly into the Contract Documents, or as if published copies are bound herewith.

B. CONTRACTOR RESPONSIBILITY

1. The Contractor hereby assumes full responsibility and liability for compliance with all applicable Federal, State, and local laws, ordinances, standards and regulations pertaining to the project, work practices, hauling, disposal, and protection of workers, visitors to the site, and persons occupying areas adjacent to the site and shall indemnify, defend and hold harmless the Owner and Owner's Industrial Hygiene Consultant from and against any and all losses, liabilities, damages, penalties, claims, suits, proceedings, causes of action, and costs and expenses of every kind (including, without limitation, cost of defense, investigation, settlement and reasonable attorneys' fees) arising out of or relating to any noncompliance by Contractor or any of its employees, agents or subcontractors. The Contractor is responsible for providing medical examinations and maintaining medical records of personnel as required by the applicable Federal, State, and local regulations.
2. Contractor shall comply and be responsible for compliance with all of the following:
 - a. U.S. Department of Labor, Occupational Safety and Health Administration, (OSHA), including but not limited to:
 - 1) Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite; Final Rules 29 CFR 1910.1001 and 1926.1101 (Effective October 11, 1994)
 - 2) Respiratory Protection
29 CFR 1910.139
 - 3) Construction Industry 29 CFR 1926
 - 4) Access to Employee Exposure and Medical Records
29 CFR 1910 20

- 5) Hazard Communication
29 CFR 1910.1200
 - 6) Specifications for Accident Prevention Signs and Tags
29 CFR 1910.145
- b. U.S. Environmental Protection Agency (EPA) including but not limited to:
- 1) Asbestos Abatement Projects Rule
40 CFR part 762
CPTS 62044, FRL 2843-9
Federal Register, Vol. 50 No. 134, July 12, 1985
P28530-28540
 - 2) Regulation for Asbestos
40 CFR Part 61, Sub-part M (Revised Sub-part B)
 - 3) Regulation for Asbestos
Asbestos School Hazard Abatement Reauthorization Act (ASHARA)
interim rules required by Region 5 EPA
- c. State Requirements which govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:
- Asbestos Abatement Act and Rules and Regulations
Illinois Department of Public Health
Part 855
- d. Local Requirements which govern asbestos waste materials for the area.
- e. Standards which govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:
- 1) American National Standards Institute (ANSI)
1430 Broadway
New York, New York 10018
 - 2) Fundamentals Governing the Design and Operation of Local Exhaust
Systems Publication 29.2-79

- 3) Practices for Respiratory Protection publication Z288.2-80
 - 4) American Society for Testing and Materials (ASTM)
1916 Race Street
Philadelphia, PA 19103
(215) 299-5400
 - 5) Specification for Encapsulants for Friable Asbestos Containing Building Materials
Proposal P-189
 - 6) Safety and Health Requirements Relating to Occupational Exposure to Asbestos E849-82
- f. Send written notification as required by USEPA National Emission Standards for Hazardous Air Pollutant (NESHAPS) Asbestos Regulations (40 CFR 61, Subpart M) to the regional Asbestos NESHAPS Contact, as soon as possible, and at least ten (10) working days prior to beginning any work on asbestos-containing materials. Send notification to the following addresses:
- 1) USEPA Region 5
Asbestos NESHAPS Contact
Air & Radiation Division
773 W. Jackson
Chicago, Illinois 60604
(312) 353-2088
 - 2) Illinois EPA
Division of Air Pollution Control
2200 Churchill Road
Springfield, IL 62706
 - 3) City of Chicago
Department of Consumer Services
Environmental Control Section
Kraft Building - Room 102
510 North Peshtigo Court
Chicago, IL 60611
(Send City of Chicago Notifications and a copy of EPA NESHAPS)
 - 4) Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

V. WRITTEN NOTIFICATIONS, PERMITS, LICENSES

A. STATE AND LOCAL AGENCIES

Contractor shall send written notification and fees as required by state and local regulations prior to beginning any work on asbestos-containing materials. Send EPA notifications and state and local notifications at least 10 working days prior to commencement of the work to:

- 1) USEPA Region 5
Asbestos NESHAPS Contact
Air & Radiation Division
773 W. Jackson
Chicago, Illinois 60604
(312) 353-2088
- 2) Illinois EPA
Division of Air Pollution Control
2200 Churchill Road
Springfield, IL 62706
- 3) City of Chicago
Department of Consumer Services
Environmental Control Section
Kraft Building - Room 102
510 North Peshtigo Court
Chicago, IL 60611
(Send City of Chicago Notifications and a copy of EPA NESHAPS)
- 4) Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

B. PERMITS

An annual "Industrial Waste Hauler Permit" specifically for asbestos-containing materials, is required for transporting of waste asbestos containing materials to a disposal site.

The Contractor shall secure and submit copies of current valid permits required by federal, state and local laws, standards, ordinances and regulations.

C. LICENSES

1. Licenses: Maintain current licenses as required by applicable state or local jurisdictions for the removal, transporting, disposal, or other regulated activity relative to the work of the Contract Documents.
2. Posting and Filing of Regulations: Maintain two (2) copies of applicable federal, state and local laws, ordinances, standards and regulations above. Post one copy of each at the job site. Keep on file in contractor's office one copy of each.

D. SUBMITTALS

1. Before Start of Work: Submit the following to the Owner's Industrial Hygiene Consultant/ Project Manager for review. No work shall begin until these submittals are returned with Project Manager's approval indicating that the submittals are complete and accepted.
2. Federal, State and Local Laws, Ordinances, Regulations: Submit copies of laws, standards, ordinances, codes and regulations applicable to the work
3. Notice: Submit notices required by federal, state and local laws, standards, ordinances and regulations together with proof of timely transmittal to agency requiring the notice.
4. Permits: Submit copies of current valid permits required by federal, state and local laws, standards, ordinances and regulations.
5. Licenses: Submit copies of all federal state and local licenses necessary to carry out the work of the Contract Documents

VI. CONTRACTOR QUALIFICATIONS

Contractor shall perform and be responsible for all of the following:

A. ADMINISTRATIVE AND SUPERVISORY PERSONNEL

Provide a full-time General Superintendent/ Project Supervisor per work area who is experienced in administration and supervision of asbestos abatement projects including work practices, protective measures for building and personnel, disposal procedures, etc. This person is the Competent Person as required by OSHA in 29 CFR 1926.1101 for the Contractor. This person (or another person so designated) shall be the Contractor's representative responsible for compliance with all applicable federal, state and local laws, ordinances, standards and regulations, particularly those related to asbestos-containing materials. This person must have completed a course at an EPA Training Center or equivalent certificate course in asbestos abatement and supervisor procedures, have had a minimum of two (2) years on-the-job training and experience and meet any additional requirements set forth in 29 CFR 1926.1101 for a Competent Person.

B. WORKER EXPERIENCE

Workers must be licensed by the Illinois Department of Public Health, and have completed an EPA approved training program for asbestos abatement workers and have not less than six (6) months experience in asbestos removal work. EPA and IDPH credentials must be current (not more than one year old).

C. MEDICAL EXAMINATION

Provide Medical Examinations and Physician Release for all asbestos abatement workers. Examination shall at a minimum meet OSHA requirements as set forth in 29 CFR 1926.1101. In addition, provide an evaluation of the individual's ability to work in environments capable of producing heat stress in the worker. Medical Exams & Physician Release to work with asbestos and wear a respirator must not be more than 1 year old.

D. SUBMITTALS

Before start of work submit the following to the Owner's Industrial Hygiene Consultant/Project Manager for review. Do not start work until approval of submittals is received.

1. Submit a signed copy of a certificate of Worker's Acknowledgment for each worker stating that he/she will be working with asbestos and thoroughly understands potential hazards.
2. Submit a copy of EPA training certificates and IDPH License documenting successful completion of the training courses attended with the dates and location

of courses included. Expired training certificates and licenses are not valid for this project.

3. Submit a copy of an examining physician's statement for each worker regarding:
 - a. In a physician's opinion whether the employee has any detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos.
 - b. Any recommended limitations on the employee or on the use of personal protective equipment such as respirators.
 - c. A statement that the employee has been informed by the physician of the results of the medical examination and of any medical conditions that may result from asbestos exposure.
 - d. A statement that the employee has been informed by the physician of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.
 - e. Statement may not be more than one year old at anytime throughout the completion of the project.

VII. CONTINGENCY PLAN

Contractor shall perform and be responsible for all of the following:

- A. **Contingency Plan** - Prepare a site safety contingency plan for emergencies including fire, accident, power failure or any other event that may require modification or abridgment of decontamination or work area isolation procedures. Include in the plan specific procedures for personnel and equipment decontamination or work area isolation. Note that nothing in this specification should impede safe exiting or the provision of adequate medical attention in the event of an emergency.
- B. **Posting** - In the work area (outside the clean room), post telephone numbers and location of emergency services including but not limited to fire, ambulance, doctor, hospital, police, power company, telephone company, Asbestos Project Manager, and security office.
- C. **Notification** - With prior approval of the Owner, notify emergency service providers (municipal fire department, chief of police and emergency medical services providers) advising them of the asbestos removal activities that will be underway on site and the anticipated time frame of the project.
- D. **Submittals** - Before the start of work, submit the following to the Owner's Industrial Hygiene Consultant/Project Manager for review. No work shall begin until submittals are approved by the Project Manager.
 1. Contingency plans for emergency actions.
 2. Telephone numbers and location of emergency services.
 3. Notifications to be sent to emergency service providers.

VIII. MATERIALS AND EQUIPMENT

Contractor shall perform and be responsible for all of the following:

A. GENERAL

Provide new or used materials and equipment that are undamaged, uncontaminated and in serviceable condition. Provide only materials and equipment that are recognized as being suitable for the intended use, by compliance with appropriate standards.

B. EQUIPMENT

1. **Scaffolding:** Provide all scaffolding, ladders and/or staging, etc. as necessary to accomplish the work of the Contract Documents. The type, erection and use of all scaffolding and ladders shall comply with all applicable OSHA provisions. Equip rungs of all metal ladders, etc. with an abrasive non-slip surface. Provide a non-skid surface on all scaffold surfaces subject to foot traffic.
2. **HEPA Filtered Fan Units:** Supply the required number of HEPA filtered fan units to the site in accordance with these specifications. Use units that meet the following requirements:
 - a. **Cabinets:** Cabinets shall be constructed of durable materials able to withstand damage from rough handling and transportation. Provide units whose cabinets are:
 - 1) Factory sealed to prevent asbestos containing dust from being released during use, transport, or maintenance.
 - 2) Arranged to provide easy access to and replacement of all air filters from intake end.
 - 3) Mounted on smooth rolling casters or wheels.
 - b. **Filters:** Provide units with 2 stages of prefilters and a final HEPA filter.
 - 1) **HEPA Filters:** Provide units whose final filter is the HEPA type with the filter media (folded into closely pleated panels) completely sealed on all edges with a structurally rigid frame.
 - a) Provide units with a continuous rubber gasket located between the filter and the filter housing to form a tight seal.
 - b) Provide HEPA filters that are individually tested and certified by the manufacturer to have an efficiency of not less than 99.97% when challenged with 0.3 microns dioctylphthalate (DOP) particles when

tested in accordance with Military Standard Number 282 and Army Instruction Manual 136-300175A. Provide filters that bear a UL 586 label to indicate ability to perform under specified conditions.

- c) Provide filters that are marked with: the name of the manufacturer, serial number, air flow rating, efficiency and resistance, and the direction of test air flow.
- 2) Prefilters which protect the final filter by removing the larger particles, are required to prolong the operating life of the HEPA filter. Two stages of prefiltration are required. Provide units with the following prefilters:
- a) First Stage Prefilter: low-efficiency type (e.g., for particles 100 microns and larger).
 - b) Second Stage (intermediate) Filter: medium efficiency (e.g., effective for particles down to 5 microns).
 - c) The prefilters and intermediate filters shall be installed either on or in the intake grid of the unit and held in place with special housings or clamps.
- c. Instrumentation: Units shall be equipped with the following instrumentation:
- 1) Magnehelic gauge or manometer to measure the pressure drop across filters and indicate when filters have become loaded and need to be changed. An indicator light and audible alarm shall be provided.
 - 2) A table indicating the usable air-handling capacity for various static pressure readings on the Magnehelic gauge affixed near the gauge for reference, or the Magnehelic reading indicating at which point the filters should be changed, noting cubic feet per minute (cfm) air delivery at that point.
 - 3) Elapsed time meter to show the total accumulated hours of operation.
- d. Safety and Warning Devices

The following safety and warning devices shall be provided:

- 1) Automatic shutdown system to stop fan in the event of a rupture in the HEPA filter or blocked air discharge. A mechanical lockout to prevent fan from operating without HEPA filters shall also be provided.
- 2) Warning lights to indicate normal operation (green), too high a pressure drop across the filters (i.e., filter overloading) (yellow) and too low of a pressure drop (i.e., rupture in HEPA filter or obstructed discharge) (red).

3) Audible alarm if unit shuts down due to operation of safety systems.

e. Electrical Components

The units provided shall be equipped with electrical components approved by the National Electrical Manufacturers Association (NEMA) and Underwriters Laboratories (UL). Each unit shall be equipped with overload protection sized for the equipment. The motor, fan, fan housing, and cabinet shall be grounded.

3. **GFCI:** Shall be provided and used on power sources in the abatement work area. GFCI panels that are hard wired in to an electrical box shall be hooked up by a licensed electrician and be positioned outside of the contained regulated work area.
4. **Auxiliary Generator:** A gasoline-powered self-starting generator with a capacity adequate to power a minimum of 50% of the HEPA filtered fan units in operation at any time during the work shall be provided.

C. MATERIALS AND PRODUCTS

1. **Wetting materials:** For wetting prior to disturbance of asbestos containing materials, use either amended water or an approved removal encapsulant:
 - a. **Amended Water:** Provide water to which a surfactant has been added. Use a mixture of a surfactant and water which results in wetting of the asbestos-containing material and retardation of fiber release during disturbance of the material equal to or greater than that provided by the use of one ounce of a surfactant consisting of 50 percent polyoxyethylene ester and 50 percent polyoxyethylene ether mixed with five (5) gallons of water.
 - b. **Removal Encapsulant:** Provide a penetrating type encapsulant designed specifically for removal of asbestos-containing material. Use a material which results in wetting of the asbestos-containing material and retardation of fiber release during disturbance of the material equal to or greater than that provided by water amended with a surfactant consisting of 50 percent polyoxyethylene ester and 50 percent polyoxyethylene ether mixed with five (5) gallons of water.
2. **Polyethylene Sheeting:** A single polyethylene film in the largest sheet size possible to minimize seams, 6.0 mils thick, clear, frosted, or black. Black will be required for the decontamination unit.
3. **Duct Tape:** Provide duct tape in 2" or 3" widths with an adhesive which is formulated to aggressively stick to sheet polyethylene.

4. **Spray Cement:** Provide spray adhesive in aerosol cans which is specifically formulated to stick tenaciously to sheet polyethylene.
5. **Disposal Bags:** Provide 6 mil thick leak-tight polyethylene bags labeled with two (2) labels with text as follows:

First Label:

DANGER
Contains Asbestos Fibers
Avoid Creating Dust
Cancer and Lung Disease Hazard
RQ Hazardous Substance, Class 9, UN2212

Second Label:

JEWEL/OSCO
11414 South Halsted Street
Chicago, IL 60628

D. SUBMITTALS

Before start of work, submit the following to the Owner's Industrial Hygiene Consultant/Project Manager for review. Do not start work until these submittals are approved for unrestricted use.

1. **NESHAPS Certification:** Submit certification from manufacturer of surfactant and removal encapsulant that, to the extent required by this specification, it will wet asbestos-containing materials to which it is applied as required by the National Emission Standard for Hazardous Pollutants (NESHAPS) Asbestos Regulations (40 CFR 61. Subpart M).
2. **Material Safety Data Sheet:** Submit a Material Safety Sheet, in accordance with the OSHA Hazard Communication Standard (29 CFR 1910. 1200) for each surfactant, encapsulating material and chemical proposed for use on the project. Include a separate attachment for each sheet indicating the specific worker protection equipment proposed for use with the material indicated.
3. **Manufacturer's Product Data** on equipment used to monitor pressure differential between inside and outside work area.
4. **Manufacturer's Product Data** on all equipment, products and materials planned for use on the abatement project (including walking working surface systems. HEPA filtration equipment, equip to monitor differential pressure).

IX. PERSONAL PROTECTIVE EQUIPMENT

Contractor shall perform and be responsible for all of the following:

A. GENERAL PROTECTION AND SAFETY

Provide worker protection as required by the most stringent OSHA and/or EPA standard applicable to the work. The following procedures are minimums to be adhered to regardless of fiber counts in the work area.

1. Each time the work area is entered, don whole-body disposable coveralls, footwear and a respirator.
2. Before leaving the work area, remove protective clothing and respirators.
3. Instruct and train each worker involved in asbestos abatement or maintenance and repair of friable asbestos-containing materials in proper respirator use and require that each worker always wear a respirator, properly fitted on the face in the work area from the start of any operation which may cause airborne asbestos fibers until the work area is completely decontaminated. Use respiratory protection appropriate for the fiber level encountered in the work place or as required for other toxic or oxygen-deficient situations encountered per 29 CFR 1910.139.

WITHIN THE WORK AREA: Require that workers **NOT** eat, drink, smoke, chew gum or tobacco at the work site including inside the decontamination unit.

B. POSTING ON SITE:

1. The Contractor shall be held responsible to post caution signs meeting the requirements of OSHA 29 CFR 1926.1101 at any locations and approaches to a location where airborne asbestos concentrations may exceed ambient background levels. Signs shall be posted to permit a person to read the sign and take necessary protective measures to avoid exposure before entering the work area. Additional signs or tape may need to be posted following construction of workplace enclosure barriers. Placement of these additional signs shall be performed as directed by the Project Manager.
2. The Contractor shall provide and post a 20" x 14" manufactured caution sign at each entrance to the work area. The sign shall display the following legend:

**DANGER
ASBESTOS
CANCER AND LUNG DISEASE HAZARD
AUTHORIZED PERSONNEL ONLY
RESPIRATORS AND PROTECTIVE CLOTHING
ARE REQUIRED IN THIS AREA**

3. The Contractor shall be responsible for ensuring compliance with all regulations noted on caution signs, specifically OSHA Regulation 29 CFR 1926.1101.

C. LABELS

1. Caution labels shall be provided by the Contractor. Labels shall be affixed to all bags and containers which are to be filled with asbestos waste materials. Waste identification labels required by DOT and EPA NESHAPS must also be affixed to all bags and containers of asbestos waste.

2. Caution labels shall read:

**DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST AND LUNG DISEASE HAZARD
RQ HAZARDOUS SUBSTANCE, CLASS 9, UN2212**

3. EPA waste identification labels shall read:

**JEWEL/OSCO
11414 South Halsted Street
Chicago, IL 60628**

D. GENERAL SAFETY

1. The Contractor hereby assumes all responsibility for any toxic effects to workers posed by the air supplied to respirators or the inhalation of toxins by the workers.
2. The Contractor shall maintain the operation of the fire alarm system in and around the work area during the abatement process and maintain an adequate number of class A fire extinguishers for each work area.
3. Fire-proof barriers are required where a cutting torch is used.

E. WORKER PROTECTION

The Contractor shall be responsible for providing the following protective equipment:

1. Respirators

- a. All respiratory protection shall be provided to workers and Project Managers in conjunction with a site specific written respiratory program which shall meet the requirements of OSHA Regulation 29 CFR 1910.139 and Subparagraph (h) or 1926.1101 Table I. This program shall be posted at the work site.

- b. Workers and Project Managers shall be provided with personally issued and marked respirator equipment approved by NIOSH (Certified NIOSH Equipment List D.H.H.S. Pub. No. 83-122, 1983).
- c. The Contractor shall ensure that each employee has undergone a respirator fit test as specified in 29 CFR 1926.1101.
- d. Respiratory equipment shall be worn by all persons potentially exposed to asbestos from the initiation of the asbestos abatement work until all areas have passed final air clearance.
- e. Powered air purifying respirators, equipped with HEPA filters and tight fitting full face-pieces are the minimum level of respiratory protection that may be used for abatement, inspection, clean up, and repair work provided that all air sampling results indicate levels of less than 1.0 f/cc. A supply of charged replacement batteries and filters and a flow test meter shall be available in the clean change area for use with powered air-purifying respirators.
- f. Type 'C' air supplied respirators in positive pressure mode with full face-pieces shall be used for all abatement work when fiber levels exceed 1.0 fibers /cc.
- g. Air purifying respirators with dual high efficiency HEPA filters may be utilized during work area preparation and waste out activities providing all air monitoring results are below 0.01 f/cc of air and there is no visible contamination of the area. Provide, at a minimum, HEPA type filters labeled with NIOSH and MSHA Certification for "Radionuclides, Radon Daughters, Dusts, Fumes, Mists, including Asbestos-Containing Dusts and Mists" and color coded in accordance with ANSI 288.2 (1980). In addition, chemical cartridge sections may be added, if required, for solvents, etc., in use. In this case, provide cartridges that have each section of the combination canister labeled with the appropriate color code and NIOSH/MSHA Certification.
- h. Spectacle kits and eyeglasses shall be provided for employees who wear eyeglasses and who must wear full face respirators. Respirators shall be provided that have been tested and approved by the National Institute of Occupational Safety and Health for use in asbestos contaminated atmospheres. Do not use single use, disposable or quarter-face respirators or any respirator that is not NIOSH/MSHA approved.
- i. Compressed air systems shall be designed to provide air volume and pressures to accommodate the respirators manufacturers' specifications. The compressed air systems shall have a receiver of such capacity as to allow escape of all respirator wearers from contaminated areas in the event of compressor failure. Compressors shall meet the requirements of 29 CFR 1910.139. Compressors shall have a fully functional in line carbon monoxide monitor and daily inspection of the carbon monoxide monitor shall be

documented. Documentation of the capacity of the compressed air system shall be retained on site and shall include a list of compatible components with the maximum number and type of respirators that may be used with the system. Daily testing of compressed air shall be conducted and documented to ensure that systems provide breathing air of grade 'D' quality (as described in Compressed Gas Association Community Specifications G-7.1). The air compressor shall be located where contaminated air cannot enter the system.

- j. The minimum type of respiratory protection to be used in the waste holding area shall be half-face air purifying respirator with high efficiency HEPA filtration.

2. Whole Body Protection For Workers And Visitors

- a. Workers shall be provided with protective full body clothing. Such clothing shall consist of full body coveralls, headgear and gloves. Disposable protective clothing, headgear, gloves and footwear shall be provided. Non-disposable footwear or clothing shall remain in the work area and shall be disposed as contaminated material when the job is completed.
- b. A worker must be supplied with a clean, disposable uniform each time they leave the work area and have to return to the work area.
- c. The decontamination and work procedures to be followed by workers shall be provided and posted in the equipment room and the clean room.
- d. Authorized visitors shall be provided with suitable respirators, protective clothing, headgear, eye protection, and footwear by the Contractor whenever entering the area. Visitors shall be authorized only by the Asbestos Project Manager/ or Owner's Representative.

E. SUBMITTALS

1. **Product Data:** Submit manufacturer's product information for each component used, including NIOSH and MSHA Certifications for each component in a respirator assembly and/or for entire assembly.
2. **Respiratory Protection Program:** Submit level of respiratory protection which will be provided for each operation required by the project and a copy of Contractor's written Respiratory Protection Program.

X. AIR MONITORING

A. ENVIRONMENTAL MONITORING

The Owner's Industrial Hygiene Consultant/Project Manager will monitor airborne fiber concentrations in and around the perimeter of the work area on a daily basis during abatement project activities. The purpose of this air monitoring is to detect airborne fiber levels which may significantly challenge the ability of the work area isolation procedures to protect people and the environment outside of the work area from contamination by airborne fibers.

Background fiber levels prior to work commencement will be established and used for clearance and contractor release purposes.

Environmental samples will be collected inside and outside of the work areas daily and analyzed per NIOSH 7400, using (PCM).

B. PERSONNEL MONITORING

Air monitoring required by OSHA shall be performed by and is the responsibility of the Contractor. All Personnel Monitoring shall comply with OSHA 1926 and be performed by a qualified Industrial Hygiene firm. A representative number (25% of personnel assigned to each abatement related task) of full shift employee exposure samples shall be collected in accordance with ORM A, 29 CFR 1926 by an Air Sampling Professional to determine compliance with the PEL. A representative number (25% of personnel assigned to each abatement related task) of short term exposure samples (30 minutes) shall also be collected daily to determine compliance within the EL of 1 fiber/cc. Personnel air sampling results will be submitted to the Asbestos Project Manager with a description of the personnel and work activities monitored on a daily basis.

C. CLEARANCE MONITORING

Aggressive air monitoring of the work area will be conducted by the Project Manager after a visual inspection of the area to be conducted by the Owner's Industrial Hygiene Consultant/Project Manager indicates no visible debris. Samples may be analyzed by Phase Contrast Microscopy (PCM) or Transmission Electron Microscopy (TEM). Clearance criteria for Contractor release is fiber concentration in the work area of equal to or less than 0.01 fibers/cubic centimeter of air for PCM testing or <70 structures/mm² for TEM testing.

XI. COMPLETION OF WORK/ CONTRACTOR RELEASE

A. VISUAL INSPECTION

A Final Inspection of the work area for visible residue is to be made by the Contractor and the Owner's Industrial Hygiene Consultant/Project Manager. If any accumulation of residue is observed, the residue will be assumed to be containing asbestos and the cleaning cycle shall be repeated.

Any small quantities of residual material found upon removal of the plastic sheeting shall be removed with a HEPA filtered vacuum cleaner. If significant quantities, as determined by the Owner's Industrial Hygiene Consultant/Project Manager, are found, then the entire area shall be decontaminated by initiating another cleaning cycle.

B. FINAL AIR SAMPLING

Clearance criteria for Contractor release is less than or equal to 0.01 fibers/cubic centimeter of air by PCM and less than 70 structures/ square millimeter by TEM. If Release Criteria is not met, repeat Final Cleaning and continue decontamination procedure from that point. All additional costs created by this subsequent cleaning, testing and consulting will be paid for by the Contractor.

C. WASTE DISPOSAL DOCUMENTATION

All wastes generated within the regulated area shall be disposed of as asbestos-containing waste in double layered plastic waste bags designed specifically for asbestos waste and shall be labeled in accordance with 29 CFR1910.1200 (f). A licensed special waste hauler must transport asbestos waste to an approved landfill. Asbestos waste from this project shall not be mixed with waste from any other asbestos abatement project. Waste disposal documentation including, but not limited to, waste disposal manifests, waste shipment records, trip tickets, landfill receipts and "certificates of destruction" shall be received within 72 hours of the waste being removed from the job site and delivered to a landfill approved by the EPA to receive asbestos wastes.

Removal of Protection: Except as otherwise indicated or requested by the Owner's Representatives, remove temporary protection devices and facilities which were installed during the course of the work to protect previously completed work during the remainder of the construction period.

Compliance: Comply with safety standards and governing regulations for cleaning operations. Do not burn waste materials at the site. Do not bury debris or excess materials on the Owner's property. Do not discharge volatile or other harmful or dangerous materials into drainage systems or the air. Remove waste materials from the site and dispose of in a lawful manner and as required hereunder.

BID FORM

PROJECT: ASPI,
JEWEL/OSCO #01-11414/18-00016
11414 SOUTH HALSTED STREET
CHICAGO, IL 60628
ASBESTOS ABATEMENT PROJECT No. 98-5419-E

DATE ISSUED: **Tuesday, October 27, 1998**

TO: MR. JIM PEELE
ASPI CONSTRUCTION
1955 WEST NORTH AVENUE - BUILDING "F"
MELROSE PARK, IL 60160-1181

FROM: Bidder's Name: _____
Address: _____
Telephone #: _____

DUE DATE: **Thursday, October 29, 1998 by 3:00 p.m.**

The undersigned, having visited the site of the work, attended all prebid meetings and having familiarized himself with local conditions, all applicable federal, state and local laws and regulations, standards and ordinances affecting the cost of his work and with all requirements of the proposed specifications as prepared by **Hygieneering, Inc.** and the Contract Documents, and any duly issued Addenda to said Contract Documents, as acknowledged herein, hereby proposes and agrees to furnish all things as required by said Contract Documents and Addenda thereto for the total, not-to exceed price stated below.

BID SCHEDULE

BASE BID - For the base bid scope of work by area, to remove and dispose of the described regulated ACM in the Bidding Documents as required by the Contract Documents, the total stand alone, not-to-exceed price for each area is as follows:

MEZZANINE (Entire Mezzanine Flooring) COST \$ _____
MAIN SALES FLOOR (Limited Removal) COST \$ _____

TOTAL COST \$ _____

UNIT COSTS

Cost to remove up to the first 100 sq. ft. of flooring COST \$ _____
Cost to remove flooring by sq.ft. after the first 100 sq. ft. COST \$ _____ /sq.ft.

ADDENDUM RECEIPT

Receipt of the following Addendum to the Bidding Requirements and Contract Documents are acknowledged:

Addendum No. _____ Dated _____
Addendum No. _____ Dated _____

BID GUARANTEE

The undersigned agrees that the Owner shall have the right to retain this bid for a period of ninety (90) days from the date of receiving this bid and guarantees the amounts set forth herein to be firm for the same ninety (90) day period.

BID ACCEPTANCE

If written Notice of Award of Contract delivered to the undersigned, the undersigned agrees that he will execute the Agreement per the Bid Documents.

It is understood and agreed that the Owner reserves the right to award the contract based solely on his best interests, to reject any or all bids, to waive any informalities in bidding, and to hold all bids for the guarantee period.

Signed and sealed this day of _____, 1998

Business Name

Business Address

Area Code Telephone Number

Printed Name Signature Date

(SEAL)

ATTEST (if a Corporation)

Title

**ASBESTOS AND LEAD PAINT SURVEY REPORT
JEWEL/OSCO #01-11414/18-16
11414 SOUTH HALSTED STREET
CHICAGO, ILLINOIS**

SECOR Job No. 70400-032-01

Prepared For:
American Stores Properties, Inc.
348 East South Temple
Salt Lake City, Utah 84130-0658

RECEIVED

JUL 11 1995

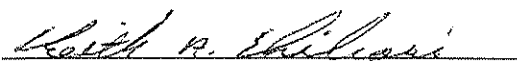
**AMERICAN STORES
PROPERTIES, INC.**

Submitted By:
SECOR International Incorporated
1390 Willow Pass Road
Suite 360
Concord, California 94520

July 7, 1995

Prepared By:
Keith A. Kilcoin
Staff Scientist

Reviewed By:
Gary Hennis, REA
Project Scientist



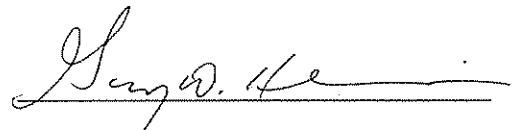


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1.0 SURVEY SUMMARY INFORMATION

Store Information:

Store #: Jewel/Osco #01-11414/18-16

Address: 11414 South Halsted Street

City, State: Chicago, Illinois

Date of Construction: 1965-1970

Area Surveyed (sq. ft.): 67,852

ACM	LEAD
<p>Survey Date: <u>June 13, 1995</u></p> <p>By Whom: <u>SECOR</u> Firm <u>Keith Kilcoin</u> Inspector</p>	<p>Survey Date: <u>June 13, 1995</u></p> <p>By Whom: <u>SECOR</u> Firm <u>Keith Kilcoin</u> Inspector</p>
<p>Results: (Additional detail provided in Table 1)</p> <p>Number of samples collected: <u>30</u> Number of ACM samples tested positive: <u>3</u> Was friable ACM found? Y/N: <u>No</u> Were roofing materials sampled? <u>No</u> Are there unique state or local requirements? <u>Yes</u> (if yes, see Section 7)</p>	<p>Results:</p> <p>Number of Colorimetric Swab samples taken <u>6</u> Number of Swabs testing positive <u>0</u> Number of paint samples analyzed <u>0</u></p>
<p>Laboratory utilized:</p> <p>Name: <u>Forensic Analytical Specialists, Inc.</u> Address: <u>3777 Depot Road</u> <u>Hayward, California</u></p>	<p>Was laboratory utilized? If so:</p> <p>Name: <u>No</u> Address: <u>NA</u></p>
<p>Limitations (if any):</p>	<p>Limitations (if any): No lead</p>
<p>Comments:</p> <p>No suspect asbestos-containing electrical wiring was observed in accessible areas of the facility.</p>	<p>Comments:</p> <p>Lead based paint sampling was conducted on walls, door frames, beams, hand rails and posts.</p>

2.0 INTRODUCTION

2.1 General Information

American Stores Properties, Inc. (ASPI) retained *SECOR* International Incorporated (*SECOR*) to conduct an asbestos and lead based paint survey at Jewel/Osco Combo Store #01-11414/18-16 which is located at 11414 South Halsted Street in Chicago, Illinois. The subject property consists of one single-story retail grocery and drug store building with mezzanine level storage, office, and employee lunch areas, and motor/compressor rooms. The building is approximately 67,852 square feet in area. According to the store manager, the building was constructed between 1965 and 1970. *SECOR* was not provided with any further information on the date of construction of the subject property. The building is situated on a concrete slab foundation and has cement exterior walls. The interior frame is metal with steel columns. The interior improvements include vinyl floor tile, basecove, acoustic ceiling tiles, hard pack elbow and T-joints on pipe runs, and textured drywall walls and ceiling.

The asbestos survey was performed on June 13, 1995 and consisted of a visual inspection of the interior of the building for potential asbestos-containing building materials (ACBMs). Bulk samples of suspect ACBMs were collected using non-destructive techniques in selected representative locations. The visual inspection, bulk sampling and survey documentation was performed by Mr. Keith Kilcoin, *SECOR* Staff Scientist. Mr. Kilcoin is accredited by the EPA as an Asbestos Building Inspector and Management Planner.

The lead based paint survey was also conducted by Mr. Kilcoin on June 13, 1995.

2.2 Escort

Mr. Kilcoin was escorted during the survey by Mr. Jack Keating, the Jewel Store Manager.

2.3 Authorization

Authorization to perform this study was given by American Stores Properties, Inc. in the form of a Work Authorization under *SECOR*'s Master Services Agreement with ASPI, dated May 24, 1995 and signed by Linda Bowers. This report has been prepared for the exclusive use of American Stores Properties, Inc.

2.4 Purpose

The purpose of this asbestos and lead based paint study was to identify those building materials which contain asbestos and/or lead, and to develop a budgetary estimate for removal of the asbestos-containing materials.

3.0 WARRANTY

SECOR warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform asbestos assessments pursuant to the scope of work required on this project.

The survey included inspection of accessible materials such as above or behind suspended ceilings or other non-permanent structures. *SECOR* did not inspect or sample inaccessible areas such as behind walls or within duct work and did not dismantle any part of the structure to survey inaccessible areas. For the purpose of this warranty, inaccessible is defined as areas of the building that could not be tested (sampled) without destruction of the structure or a portion of the structure. In the event that access to a portion of the building was not obtained (which otherwise would have been tested), such limitations are specifically identified in Section 6 of this report.

4.0 METHODOLOGY

4.1 General References

Inspection and sampling procedures were performed in general accordance with the guidelines published by the EPA in 40 CFR Part 763 Subpart E, October 30, 1987. Sampling procedures include collection of at least 3 samples of all suspect friable and non-friable materials as recommended by EPA Guidance document 700/B-92/001, February 1992.

4.2 General Organization

Before beginning the actual inspection, the inspector met with Mr. Keating to discuss the facility inspection, including designating escorts, providing access, preferred inspection and sampling times, sampling procedures, and other issues. The inspectors reviewed available floor plans to become familiar with the facility and for use as a guide throughout the inspection process, when available.

The study itself consisted of three major activities: visual inspection, sampling and quantification. Although these activities are listed separately, they are integrated tasks.

4.3 Visual Inspection

The visual inspection was performed by an EPA accredited inspector. An initial building walk-through was conducted to determine the presence and condition of suspect materials which were accessible and/or exposed. Materials which were similar in general appearance were grouped into homogeneous sampling areas.

Homogeneous Material Classifications

- A preliminary walk-through of the building was conducted to determine areas of materials which were visually similar in color, texture, general appearance, and which appeared to have been installed at the same time. Such materials are termed "homogeneous materials" by the EPA. During this walk-through, the approximate locations of these homogeneous materials were also noted. Only materials which were accessible and/or exposed and suspected to contain asbestos were identified.

Following the EPA inspection protocol, each identified suspect homogeneous material was placed in one of the following EPA classifications:

Surfacing Materials: spray or trowel applied to building members

Thermal System Insulation: materials generally applied to various mechanical systems

Miscellaneous Materials: any materials which do not fit either of the above categories

4.4 Sampling Procedures

Bulk samples of all homogeneous materials from identified functional spaces containing suspect ACBM were collected. A homogeneous material is defined as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in use, color and texture. Examples of homogeneous materials include:

- Pipe-laggings produced by the same manufacturer and installed during the same time period;
- Vinyl floor tile of identical size, color and pattern; and
- Sprayed-on acoustical ceiling materials located in contiguous areas.

A functional space is defined as any spatially distinct unit within a building that contains identifiable populations of building occupants. Examples of functional spaces include:

- Office areas
- Storage areas
- Mechanical rooms

The functional space concept is helpful in determining the use and occupancy of building areas containing confirmed ACBMs.

Prior to obtaining the sample of thermal system insulation and/or drywall and joint compound, an area approximately one square foot was sprayed with amended (surfactant added) water to minimize fiber release and to soften the suspect material. The material was then extracted from the center of the wetted area with a hollow open-ended brass stem sampling tube, three inches in length and 3/8 inches in diameter. The tube was pushed far enough into the material to obtain a representative core sample of sufficient quantity. A plastic bag was used to contain the sampling tube with suspect material and quickly sealed to prevent the escape of the material or the introduction of ACBM contamination from outside sources. A new brass sampling tube was used for each sample collected. Materials not receptive to this method of sample collection were sampled by other appropriate methods. A unique sample number was assigned to each sample.

4.5 Quantification

Quantities of accessible and/or exposed building materials which were suspected of containing asbestos and/or lead were estimated. This estimation was preformed by taking approximate measurements in the field. Wall materials, ceiling and floor tiles were measured in square feet of surface area. These estimates of quantities should not be used to prepare asbestos abatement contracts. Prior to asbestos abatement activities the quantities should be confirmed by a licensed asbestos abatement contractor.

4.6 Laboratory Procedures

Bulk samples were analyzed by Forensic Analytical Specialties, Inc. (FASI) in Hayward, California. FASI is accredited under the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP), and the State of California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) for the analysis of asbestos in bulk building material samples.

All samples were analyzed using Polarized Light Microscopy/Dispersion Staining (PLM/DS) techniques in accordance with methodology approved by the EPA. The percentage of asbestos present in the samples was determined on the basis of a visual area estimation as set forth in 40 CFR Part 763, Appendix A, Subpart F, Section 1.2 and 1.7.2.4. The lower limit of reliable detection for asbestos using the PLM/DS method is approximately 1% by volume. Currently, there is no scientifically approved or technologically reliable method for the quantification of asbestos content below one percent (< 1%).

When "None Detected" (ND) appears in this report, it should be interpreted as meaning no asbestos was observed in the sample material above the reliable limit of detection for the PLM/DS method.

When "trace" appears in this report, it should be interpreted as meaning material contains less than one percent (< 1%) asbestos by weight.

When "Not Analyzed" (NA) appears in this report, it indicates that because another sample of the same homogenous material was analyzed with results that were positive for asbestos content, other samples of the same materials were not analyzed.

4.7 Sampling Procedures (Lead Paint)

Lead paint samples were collected using six colorimetric indicator swabs, applied to six building surfaces. No swabs indicated a positive result (i.e., lead present).

4.8 Removal Budget Estimate Methodology

SECOR used recognized standard engineering principles in developing the unit cost budgetary estimate for removal of the listed asbestos-containing building materials and suspect ACBM, and lead based paint contained in this facility. This is an estimate for removal only, intended for general policy decisions regarding program development and planning, rather than an engineering abatement cost estimate, which is outside the scope of this project.

The figures are as of the date of the report and cover only the removal contractor's fees. Not included are items such as indirect or hidden costs, such as employee relocation during the project, lost revenues, etc. These items are considered during the development of an engineering cost estimate, which is beyond the scope of this study. Other variables included in an engineering cost estimate are the project schedule and phasing, size of the project, and other factors which can affect project cost.

Prior to the initiation of a project that would involve abatement, a detailed engineering cost estimate and project design is recommended. The engineering cost estimate will incorporate such variables as scheduling and phasing of the project, the size and extent of the project, seasonal factors, operational factors and other restrictions, respiratory protection, alternate abatement options, and type of replacement material. These are considerations which were not included in this scope of work or were unknown at the time of development of the budgetary estimate. An engineering cost estimate would also include professional fees, such as for project design and management, and other expenses, such as on-site air monitoring and construction supervision.

4.9 Abatement Cost Schedule

Material Description - Description of the homogenous asbestos-containing material.

Quantity - This indicates the quantity of material present, expressed in appropriate units. Quantities have been determined by on-site measurement or plan take-offs. Where access is restricted, best estimates were determined from whatever information was available.

Unit Cost - The cost of removal per linear foot or square foot or other unit.

Removal Cost - (Quantity) x (Unit Cost)

5.0 RESULTS

5.1 General Summary

Asbestos-containing building materials were found in this facility. A material is considered by Federal and State regulations to contain asbestos if an asbestos concentration greater than one percent (> 1%) is present in the material.

5.2 Building Specific Findings and Observations

The subject property consists of one single-story retail grocery and drug store building with mezzanine level storage, office, and employee lunch areas, and motor/compressor rooms. The building is approximately 67,852 square feet in area. According to the store manager, the building was constructed between 1965 and 1970. *SECOR* was not provided with any further information on the construction of the building. The building is situated on a concrete slab and has cement exterior walls. The interior frame is steel with metal roof decking. The interior improvements include vinyl floor tile, basecove, acoustic ceiling tiles, hard pack elbow and T-joints on pipe runs, and textured drywall walls and ceiling.

Suspect materials which were sampled in this facility include:

- 12-inch by 12-inch white with tan streaks vinyl floor tile and mastic
- 12-inch by 12-inch Red vinyl floor tile and mastic
- 12-inch by 12-inch white/beige with green streaks vinyl floor tile and mastic
- 2-foot by 4-foot white ceiling tile
- Black basecove and glue
- Brown basecove and glue
- Drywall and joint compound
- Hard white elbow

The 12-inch by 12-inch vinyl patchwork pattern floor tile observed in some of the sales floor areas was considered homogenous for the scope of this survey based on observation of the predetermined patterns and information provided by ASPI.

Materials which analyzed positive include:

- Mastic underlying 12-inch by 12-inch white/beige with green streaks vinyl floor tile

6.0 DISCUSSION

6.1 Asbestos

On June 13, 1995, *SECOR* conducted an asbestos survey at Jewel/Osco Combo Store #01-11414/18-16 located at 11414 South Halsted Street in Chicago, Illinois. Eight suspect asbestos-containing materials were identified, sampled and quantified. One of the materials tested positive for asbestos. Please refer to Table 1 - Summary of Asbestos Survey Results.

- Approximately 3,660 square feet of 12-inch by 12-inch white/beige with green streaks vinyl floor tile and mastic contains asbestos. The vinyl floor tile was determined to be non-detect, while the underlying mastic contains 1-5% chrysotile asbestos. The material was located on the Jewel mezzanine level and in a Jewel office located on the retail floor. The material was in good condition, and is Category I non-friable.

Specific removal requirements apply if these materials will be disturbed during maintenance, renovation or demolition activities.

National Emission Standard for Hazardous Air Pollutants (NESHAP) defines a friable asbestos-containing material (ACM) as any material containing more than one percent asbestos, that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure; a Category I non-friable ACM as packings, gaskets, resilient floor covering (except linoleum products which are considered friable), and asphalt roofing products which contain more than one percent asbestos; and a Category II non-friable ACM as any material, except for a Category I non-friable ACM, which contains more than one percent asbestos and cannot be reduced to a powder by hand pressure when dry.

A regulated asbestos-containing material (RACM) as defined by NESHAP is any (a) Friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

6.2 Lead Paint

Limited qualitative lead screening was performed on six painted surfaces. The purpose of this screening was to obtain qualitative information indicating the presence of lead on selected painted surfaces. Quantitative lead analysis should be performed by a qualified analytical laboratory in order to confirm the results indicated herein. Selected painted surfaces were tested for the presence of lead by applying

a colorimetric lead sensitive chemical (Lead Check) to the painted surface. If the color of the applicator turns pink, the test is positive, and the presence of lead is indicated. Manufacturer's information states that this test shows a positive result 100% of the time when in contact with paint which has a lead concentration greater than or equal to Housing and Urban Development (HUD) hazard level of 0.5%.

Based upon the results of the limited lead screening, the presence of lead based paint in this facility has not been indicated. If a more definitive investigation is desired, a quantitative lead based paint survey in conformance with HUD interim guidelines will yield a comprehensive analysis of conditions.

7.0 UNIQUE STATE AND LOCAL REQUIREMENTS

7.1 Current Regulations

State of Illinois

The State of Illinois Environmental Protection Agency (IEPA) has been delegated by the USEPA to administer the NESHAP regulation. The IEPA has adopted the Federal NESHAP (40 CFR 61.140, Sub Part M) entirely. The IEPA Division of Air Pollution Control enforces this regulation which requires notification of demolition or renovation which may disturb materials which contain asbestos.

Other State and local regulations which govern asbestos abatement work or hauling and disposal of asbestos waste materials included, but are not limited:

- Illinois Department of Public Health
- City of Chicago Department of Environmental Enforcement Division
- Cook County Department of Public Health

7.2 Additional Information

Presumed Asbestos Containing Material

Federal OSHA has designated thermal system insulation, surfacing materials and resilient asphalt flooring found in buildings constructed no later than 1980 as "Presumed Asbestos Containing Material" (PACM). The regulation (29 CFR 1926.1101) indicates that PACM may be designated as not containing asbestos by conducting a complete inspection pursuant to the requirements of Asbestos Hazard Emergency Response Act (AHERA).

The survey conducted by *SECOR* meets the requirements of the AHERA survey, with the exception of materials which may or may not exist in inaccessible areas as defined in the Warranty section.

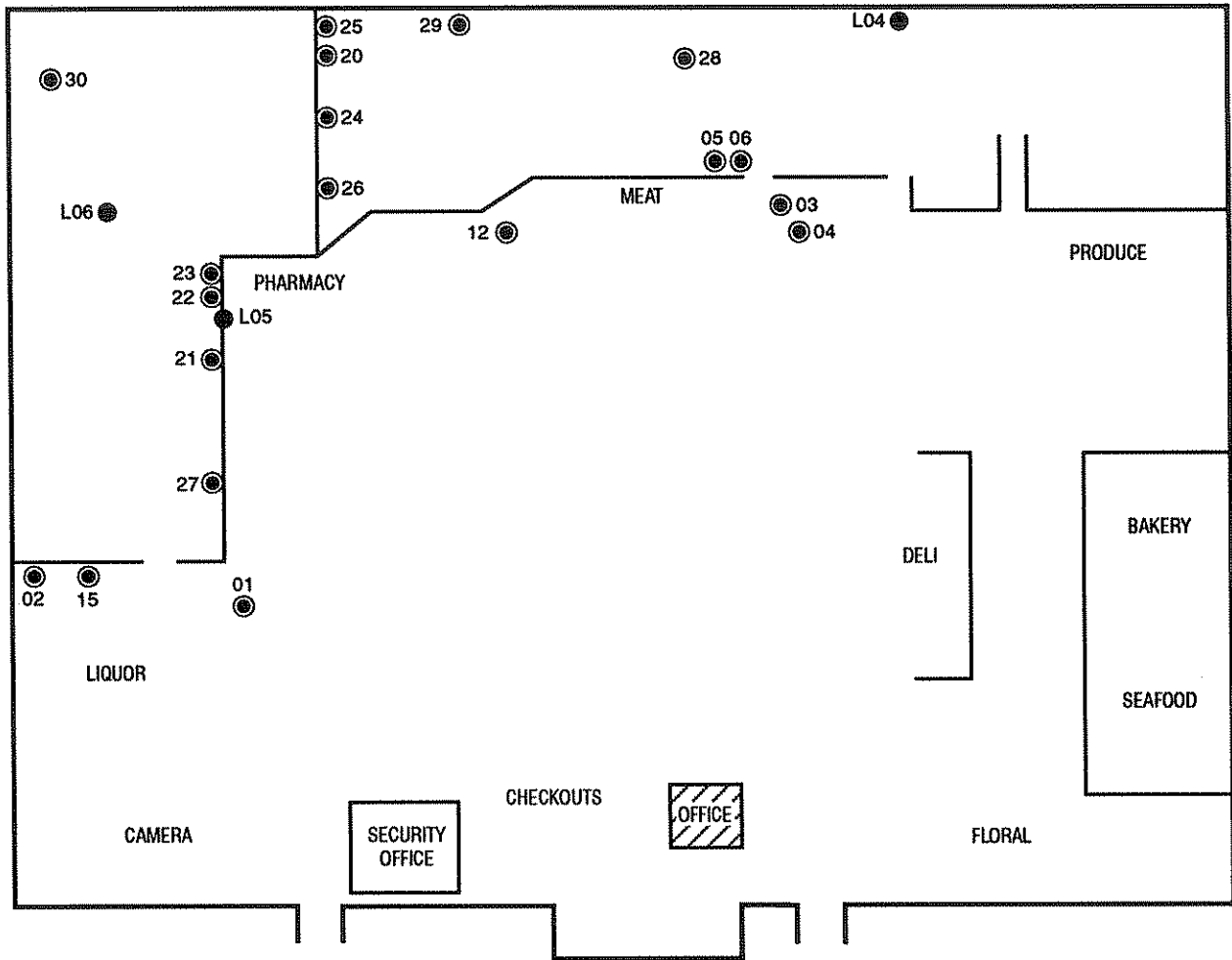
Impact of Building Materials Containing "Trace" Asbestos

Building materials reported to contain "trace" amounts, i.e., less than one percent (<1%), of asbestos are not considered hazardous by the EPA or the local area air quality management district. Regulations may vary between regional air quality management districts and therefore, local agencies should be contacted for specific ACBM definitions and handling requirements.


Federal Occupational Safety and Health Administration (OSHA) requires employers to implement specific work practices which protect workers from airborne asbestos exposure. Control measures should be instituted which adequately address worker health and safety during planned renovation or demolition activities involving asbestos-containing materials. As stated previously, there is currently no viable method to quantify asbestos at this level. OSHA law generally requires that work with asbestos-containing materials be performed by specially licensed asbestos abatement contractors.


FIGURES

Asbestos Sample Locations

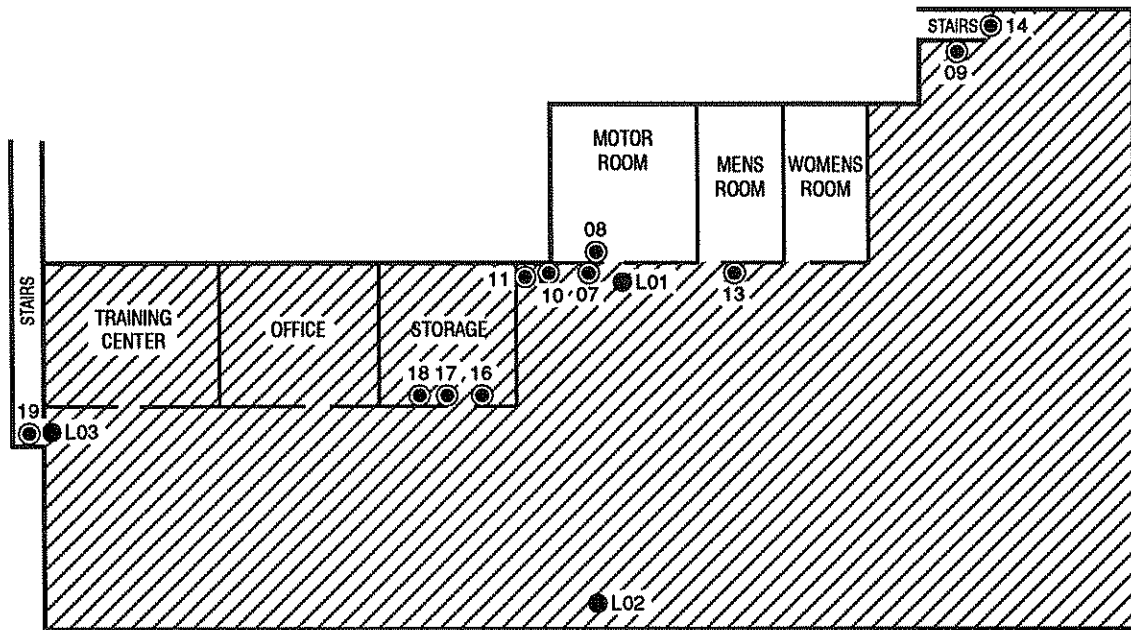


MAIN FLOOR PLAN

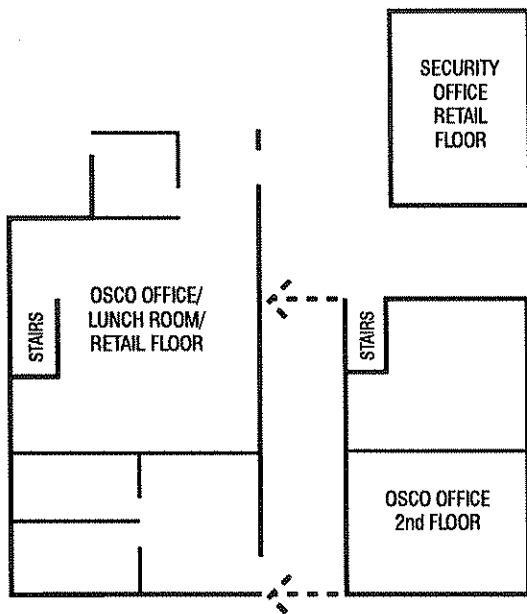

 NOT TO SCALE

- LEGEND**
- BUILDING OUTLINE
 - 06 ● ASBESTOS SAMPLE LOCATION AND NUMBER (AS-CH-06)
 - L06 ● LEAD PAINT SAMPLE LOCATION AND NUMBER
 -  MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

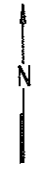
DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 1	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV DATE: 7/5/95	CLIENT: AMERICAN STORES PROPERTIES, INC.	TITLE: ASBESTOS SAMPLE LOCATIONS JEWEL/OSCO - MAIN FLOOR 11414 SOUTH HALSTEAD AVENUE CHICAGO, IL	
FILE NAME: ScrASPI11414ChcagoSm1				



JEWEL MEZZANINE FLOOR PLAN



OSCO MEZZANINE FLOOR PLAN



NOT TO SCALE

LEGEND

- BUILDING OUTLINE
- 16 ● ASBESTOS SAMPLE LOCATION AND NUMBER (AS-CH-16)
- L02 ● LEAD PAINT SAMPLE LOCATION AND NUMBER
- ▨ MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

DRAFTED BY: PEM	CHECKED BY: KK	PROJECT NUMBER: 70400-032-01	FIGURE NUMBER: 2	SECOR 1390 Willow Pass Road Suite 360 Concord, CA 94520
DWG DATE: 6/21/95	REV. DATE: 6/30, 7/5/95	CLIENT: AMERICAN STORES	TITLE: ASBESTOS SAMPLE LOCATIONS	
FILE NAME: ScrASPI11414ChcagoSm2	PROPERTIES, INC.		JEWEL/OSCO - MEZZANINE FLOOR PLANS 11414 SOUTH HALSTEAD AVENUE CHICAGO, IL	

TABLE 1

Summary of ACM Survey Results

**TABLE 1
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco ASPI Project #: ACM-5391 Page: 1 of 4
 Store #: 01-11414/18-16 Building Name: Jewel/Osco
 Consultant Project #: 70400-032-01 Location: 11414 South Halsted Street
Chicago, Illinois

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: 12" x 12" white with tan streaks vinyl floor tile and mastic Jewel and Osco Retail Floor	3	6	M	NF	Good	Tile: ND Mastic: ND	50,920 ft ²
		3					
Material: 12" x 12" Red vinyl floor tile and mastic Jewel and Osco Retail Floor	3	3	M	NF	Good	Tile: ND Mastic: ND	200 ft ²
Material: Mastic underlying 12" x 12" white/beige with green streaks vinyl floor tile Jewel Mezzanine	3	3	M	NF	Good	Tile: ND Mastic: 1-5%	3,660 ft ²

Combined
R. J. [Signature]

**TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 2 of 4
Building Name: Jewel/Osco
Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: 2' X 4' white ceiling tile Jewel Mezzanine Jewel Retail Floor	2	2	M	F	Good	ND	10,860 ft ²
	1	1					
Material: Black basecove and glue Jewel Mezzanine Osco Retail Floor	2	2	M	NF	Good	ND	1,820 ln. ft
	1	1					
Material: Brown basecove and glue Jewel Mezzanine	3	3	M	NF	Good	ND	50 ln. ft

**TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco
 Store #: 01-11414/18-16
 Consultant Project #: 70400-032-01

ASPI Project #: ACM-5391

Page: 3 of 4
 Building Name: Jewel/Osco
 Location: 11414 South Halsted Street
Chicago, Illinois

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: <u>DW</u> Drywall Jewel Mezzanine Jewel Back Room Osco Back Room	1	1					7500 ~15,000-ft ²
	1	1	M	NF	Good	ND	
	1	1					
Material: <u>MT</u> Joint Compound/Tape Osco Back Room Jewel Back Room	2	2					7500 ~15,000-ft ²
	1	1	S	NF	Good	ND	
	Collected	Analyzed					
Material: <u>MT</u> <u>EMBED</u> Drywall and joint compound Jewel Back Room Osco Back Room	2	2					~15,000-ft ²
	1	1	M/S	NF	Good	ND	
	Collected	Analyzed					

**TABLE 1 - Continued
SUMMARY OF ACM SURVEY RESULTS**

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 4 of 4
Building Name: Jewel/Osco
Location: 11414 South Halsted Street
Chicago, Illinois

Consultant Project #: 70400-032-01

Material & Location	# of Samples		Material Type	F/NF	Material Condition	% Asbestos	Total Quantity/Units
	Collected	Analyzed					
Material: White hard elbow Jewel Back Room Osco Back Room	2	2	TSI	F	Fair/Poor	ND	75 Elbows/ T-Joints
	1	1					

Legend:

- S: Surfacing Materials - spray or trowel applied to building members
- TSI: Thermal System Insulation - materials generally applied to various mechanical systems
- M: Miscellaneous Materials - any material which does not fit either of the above categories

TABLE 2

Summary of Lead Based Paint Survey Results

TABLE 2
SUMMARY OF LEAD BASED PAINT SURVEYS RESULTS

Subsidiary: Jewel/Osco
Store #: 01-11414/18-16

ASPI Project #: ACM-5391

Page: 1 of 1

Building Name: Jewel/Osco

Location: 11414 South Halsted Avenue

Chicago, Illinois

Consultant Project #: 70400-032-01

Location	Sample #	Description	Swab Test Positive? Y/N	Paint Analyzed By Lab	Lab Results (% by weight)	Total Quantity Requiring Special Handling
Jewel Mezzanine - Door Frame	L01	Beige Paint	N	No		
Jewel Mezzanine - Post	L02	Beige Paint	N	No		
Jewel Mezzanine - Hand Rail	L03	Green Paint	N	No		
Osco Back Room - Beam	L04	Brown Paint	N	No		
Osco Back Room - Door Frame	L05	Beige Paint	N	No		
Osco Back Room - Beam	L06	Gray Paint	N	No		

APPENDIX A

Anticipated Abatement Cost Schedule

ANTICIPATED ABATEMENT COST SCHEDULE

The table below represents estimated contractor and consultant costs as calculated using standard unit prices developed by SECOR. Please refer to Section 4.9 Removal Budget Estimate Methodology for a more detailed explanation of removal costs.

Asbestos Containing Material	Suite/Building Names				Total SF/LF	Unit Cost For Removal	Removal Cost
	Retail floor	Backrooms, storage	Mezzanine, storage	2nd Level office area			
Mastic underlying 12-inch by 12-inch white/beige with green streaks floor tile	X		X	X	3,660 ft ² *	\$3/ft ²	\$10,980

X = Indicates material which analyzed positive for asbestos.

* **Note:** The cost for removing floor tile that is non-detect and the mastic contains 1-5% chrysotile asbestos is the same for floor tile that contains 1-5% chrysotile asbestos and the mastic contains 10-15% chrysotile asbestos because in most cases asbestos mastic is adhered to the bottom of the non-detect floor tile, thus, the floor tile and mastic must be classified as asbestos waste. Additionally, the floor tile must be abated first in order to properly abate the underlying mastic.

APPENDIX B

Inspector Certifications

University of California, Berkeley

U N I V E R S I T Y E X T E N S I O N

This is to certify that

Keith Kilcoin

has attended the

AHERA Refresher Course for Asbestos Inspectors and Management Planners

and has completed the requisite training for asbestos accreditation under TSCA Title II

May 2, 1995

Certificate number:

1346

Valid until: May 2, 1996



Deval D.

Chair, Environmental Management
UC Berkeley Extension
2223 Fulton Street
Berkeley, CA 94720
(510) 643-7143

University of California, Berkeley

U N I V E R S I T Y E X T E N S I O N

This is to certify that

Gary D. Hennis

has attended the

AHERA Refresher Course for Asbestos Inspectors and Management Planners
and has completed the requisite training for asbestos accreditation under TSCA Title II

September 8, 1994



Deval D.
Chair, Environmental Management
UC Berkeley Extension
2223 Fulton Street
Berkeley, CA 94720
(510) 643-7143

Certificate number:

877

Valid until: September 8, 1995

APPENDIX C

Analytical Laboratory Data Sheets



Forensic Analytical
Analytical Report

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Bulk Asbestos Analysis Summary
40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client ID: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago,
Illinois

Sample Number	Date Col.	Lab Num.	Asbestos Present	(Breakdown by type)
Location/Description				
AS-CH-01	06/13/95	19551238	Non-Det. %	
Retail floor, 12" x 12" white VFT with tan streaks and mastic.				
AS-CH-02	06/13/95	19551239	Non-Det. %	
Retail floor, 12" x 12" white VFT with tan streaks and mastic.				
AS-CH-03	06/13/95	19551240	Non-Det. %	
Retail floor, 12" x 12" white VFT with tan streaks and mastic.				
AS-CH-04	06/13/95	19551241	Non-Det. %	
Retail floor, 12" x 12" red VFT and mastic.				
AS-CH-05	06/13/95	19551242	Non-Det. %	
Jewel back room, 12" x 12" red VFT and mastic.				
AS-CH-06	06/13/95	19551243	Non-Det. %	
Jewel back room, 12" x 12" red VFT and mastic.				

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1390 Willow Pass Road, Suite 360
Concord, CA 94520

P.O. Num:

Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago,
Illinois

Sample Number	Date Col.	Lab Num.	Asbestos Present	(Breakdown by type)
AS-CH-07 Jewel, 2nd floor, break room, 12" x 12" white/beige VFT with green streaks and mastic.	06/13/95	19551244	Trace%	Chrysotile (Trace%)
AS-CH-08 Jewel, 2nd floor, break room, 12" x 12" white/beige VFT with green streaks and mastic.	06/13/95	19551245	Trace%	Chrysotile (Trace%)
AS-CH-09 Jewel, 2nd floor, break room, 12" x 12" white/beige VFT with green streaks and mastic.	06/13/95	19551246	Trace%	Chrysotile (Trace%)
AS-CH-10 Jewel, 2nd floor, break room, 2' x 4' white ceiling tile.	06/13/95	19551247	Non-Det.%	
AS-CH-11 Jewel, 2nd floor, break room, 2' x 4' white ceiling tile.	06/13/95	19551248	Non-Det.%	
AS-CH-12 Retail floor, 2' x 4' white ceiling tile.	06/13/95	19551249	Non-Det.%	

Patrick E. Little, Optical Laboratory Supervisor, Hayward Laboratory

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1390 Willow Pass Road, Suite 360
Concord, CA 94520

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago,
Illinois

Sample Number	Date Col.	Lab Num.	Asbestos Present	(Breakdown by type)
---------------	-----------	----------	------------------	---------------------

AS-CH-13 Jewel, 2nd floor, break room, black base cove and glue.	06/13/95	19551250	Non-Det. %	
---	----------	----------	------------	--

AS-CH-14 Jewel, 2nd floor, break room, black base cove and glue.	06/13/95	19551251	Non-Det. %	
---	----------	----------	------------	--

AS-CH-15 Retail floor, black base cove and glue.	06/13/95	19551252	Non-Det. %	
---	----------	----------	------------	--

AS-CH-16 Jewel, 2nd floor, storage, brown base cove and glue.	06/13/95	19551253	Non-Det. %	
--	----------	----------	------------	--

AS-CH-17 Jewel, 2nd floor, storage, brown base cove and glue.	06/13/95	19551254	Non-Det. %	
--	----------	----------	------------	--

AS-CH-18 Jewel, 2nd floor, storage, brown base cove and glue.	06/13/95	19551255	Non-Det. %	
--	----------	----------	------------	--

AS-CH-19 Jewel, 2nd floor, stairwell to break room, drywall.	06/13/95	19551256	Non-Det. %	
---	----------	----------	------------	--

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40 CFR 763, Subpart F, Appendix A (AHERA)

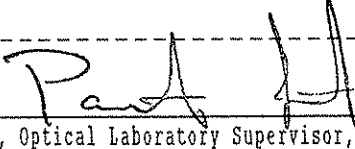
Client:
SECOR

Client ID: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago,
Illinois

Sample Number	Date Col.	Lab Num.	Asbestos Present	(Breakdown by type)
AS-CH-20 Jewel, 2nd floor, break room, drywall.	06/13/95	19551257	Non-Det. %	
AS-CH-21 Osco, back room, drywall.	06/13/95	19551258	Non-Det. %	
AS-CH-22 Osco, back room, joint compound and tape.	06/13/95	19551259	Non-Det. %	
AS-CH-23 Osco, back room, joint compound and tape.	06/13/95	19551260	Non-Det. %	
AS-CH-24 Jewel, back room, joint compound and tape.	06/13/95	19551261	Non-Det. %	
AS-CH-25 Jewel, back room, drywall and joint compound.	06/13/95	19551262	Non-Det. %	
AS-CH-26 Jewel, back room, drywall and joint compound.	06/13/95	19551263	Non-Det. %	


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Bulk Asbestos Analysis Summary
40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client ID: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago,
Illinois

Sample Number	Date Col.	Lab Num.	Asbestos Present	(Breakdown by type)
---------------	-----------	----------	------------------	---------------------

AS-CH-27	06/13/95	19551264	Non-Det. %	
Osco, back room, drywall and joint compound.				

AS-CH-28	06/13/95	19551265	Non-Det. %	
Jewel, back room, hard elbow.				

AS-CH-29	06/13/95	19551266	Non-Det. %	
Jewel, back room, hard elbow.				

AS-CH-30	06/13/95	19551267	Non-Det. %	
Osco, back room, hard elbow.				

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551238
Sample Number: AS-CH-01
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Retail floor, 12" x 12" white VFT with tan streaks and mastic.

Gross Description: White and tan tile with black mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5 %
Cellulose	1-5 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99 %

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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551239

Date Collected: 06/13/95

Sample Number: AS-CH-02

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Retail floor, 12" x 12" white VFT with tan streaks and mastic.

Gross Description: White and tan tile with black mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5 %
Cellulose	1-5 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551240
Sample Number: AS-CH-03
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Retail floor, 12" x 12" white VFT with tan streaks and mastic.

Gross Description: White and tan tile with black mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:			Non-Det. %
Chrysotile		Non-Det.	%
Amosite		Non-Det.	%
			%
			%
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			1-5 %
Cellulose		1-5	%
Fibrous Glass		Non-Det.	%
			%
			%
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:			95-99 %

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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551241
Sample Number: AS-CH-04
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Retail floor, 12" x 12" red VFT and mastic.

Gross Description: Red tile with black mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5 %
Cellulose	1-5 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551242

Date Collected: 06/13/95

Sample Number: AS-CH-05

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel back room, 12" x 12" red VFT and mastic.

Gross Description: Red tile with black mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5 %
Cellulose	1-5 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99 %

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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551243
Sample Number: AS-CH-06
P.O. Num:

Date Collected: 06/13/95

Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel back room, 12" x 12" red VFT and mastic.

Gross Description: Red tile with black mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %	Non-Det. %
Chrysotile		Non-Det. %	
Amosite		Non-Det. %	
		%	
		%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			1-5 %
Cellulose		1-5 %	
Fibrous Glass		Non-Det. %	
		%	
		%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:			95-99 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551244

Date Collected: 06/13/95

Sample Number: AS-CH-07

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, 2nd floor, break room, 12" x 12" white/beige VFT with green streaks and mastic.

Gross Description: White tile with black mastic.

Comments: Asbestos in mastic (1-5%). None detected in tile. Composite reported.

Microscopic Description

TOTAL ASBESTOS PRESENT:		Trace	%
Chrysotile	Trace	%	
Amosite	Non-Det.	%	
		%	
		%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5	%
Cellulose	1-5	%	
Fibrous Glass	Non-Det.	%	
		%	
		%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99	%

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551245

Date Collected: 06/13/95

Sample Number: AS-CH-08

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, 2nd floor, break room, 12" x 12" white/beige VFT with green streaks and mastic.

Gross Description: White tile with black mastic.

Comments: Asbestos in mastic (1-5%). None detected in tile. Composite reported.

Microscopic Description

TOTAL ASBESTOS PRESENT:		Trace	%
Chrysotile	Trace	%	
Amosite	Non-Det.	%	
		%	
		%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5	%
Cellulose	1-5	%	
Fibrous Glass	Non-Det.	%	
		%	
		%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99	%

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551246

Date Collected: 06/13/95

Sample Number: AS-CH-09

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, 2nd floor, break room, 12" x 12" white/beige VFT with green streaks and mastic.

Gross Description: White tile with black mastic.

Comments: Asbestos in mastic (1-5%). None detected in tile. Composite reported.

Microscopic Description

TOTAL ASBESTOS PRESENT:		Trace	%
Chrysotile	Trace	%	
Amosite	Non-Det.	%	
		%	
		%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5	%
Cellulose	1-5	%	
Fibrous Glass	Non-Det.	%	
		%	
		%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99	%

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551247

Date Collected: 06/13/95

Sample Number: AS-CH-10

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, 2nd floor, break room, 2' x 4' white ceiling tile.

Gross Description: Grey fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		85-90 %
Cellulose	45-50 %	
Fibrous Glass	35-40 %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		10-15 %

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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551248
Sample Number: AS-CH-11
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, 2nd floor, break room, 2' x 4' white ceiling tile.

Gross Description: Grey fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		85-90 %
Cellulose	45-50 %	
Fibrous Glass	35-40 %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		10-15 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551249

Date Collected: 06/13/95

Sample Number: AS-CH-12

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Retail floor, 2' x 4' white ceiling tile.

Gross Description: Grey fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		85-90 %
Cellulose	40-45 %	
Fibrous Glass	40-45 %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		10-15 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:

SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644

Report Number: 236951

Date Received: 06/15/95

Lab Number: 19551250

Date Collected: 06/13/95

Sample Number: AS-CH-13

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, 2nd floor, break room, black base cove and glue.

Gross Description: Black base cove with mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Non-Det. %

Chrysotile

Non-Det. %

Amosite

Non-Det. %

%

%

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

5-10 %

Cellulose

5-10 %

Fibrous Glass

Non-Det. %

%

%

TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:

90-95 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551251

Date Collected: 06/13/95

Sample Number: AS-CH-14

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, 2nd floor, break room, black base cove and glue.

Gross Description: Black base cove with mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5 %
Cellulose	1-5 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551252

Date Collected: 06/13/95

Sample Number: AS-CH-15

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Retail floor, black base cove and glue.

Gross Description: Black base cove with mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5 %
Cellulose	1-5 %	
Fibrous Glass	Trace %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551253
Sample Number: AS-CH-16
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, 2nd floor, storage, brown base cove and glue.

Gross Description: Brown base cove with mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %	Non-Det. %
Chrysotile	Non-Det. %		
Amosite	Non-Det. %		
	% % %		
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5	%
Cellulose	1-5	%	
Fibrous Glass	Non-Det. %		
	% %		
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99	%

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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551254
Sample Number: AS-CH-17
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, 2nd floor, storage, brown base cove and glue.

Gross Description: Brown base cove with mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		1-5 %
Cellulose	1-5 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		95-99 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:

SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551255

Date Collected: 06/13/95

Sample Number: AS-CH-18

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, 2nd floor, storage, brown base cove and glue.

Gross Description: Brown base cove with mastic.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %	Non-Det. %
Chrysotile		Non-Det. %	
Amosite		Non-Det. %	
		%	
		%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			1-5 %
Cellulose	1-5	%	
Fibrous Glass	Non-Det.	%	
Synthetic	Trace	%	
		%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:			95-99 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551256
Sample Number: AS-CH-19
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, 2nd floor, stairwell to break room, drywall.

Gross Description: White drywall with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		10-15 %
Cellulose	10-15 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		85-90 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551257
Sample Number: AS-CH-20
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, 2nd floor, break room, drywall.

Gross Description: White drywall with fibrous backing.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		10-15 %
Cellulose	10-15 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		85-90 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
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1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551258
Sample Number: AS-CH-21
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Osco, back room, drywall.

Gross Description: White drywall with fibrous layer.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		10-15 %
Cellulose	10-15 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		85-90 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551259

Date Collected: 06/13/95

Sample Number: AS-CH-22

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Osco, back room, joint compound and tape.

Gross Description: White fibrous material with skim coat/joint compound.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		75-80 %
Cellulose	75-80 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		20-25 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551260

Date Collected: 06/13/95

Sample Number: AS-CH-23

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Osco, back room, joint compound and tape.

Gross Description: White fibrous material with skim coat/joint compound.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		85-90 %
Cellulose	85-90 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		10-15 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

Lab Number: 19551261
Sample Number: AS-CH-24
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, back room, joint compound and tape.

Gross Description: White fibrous material with skim coat/joint compound.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		90-95 %
Cellulose	90-95 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		5-10 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551262
Sample Number: AS-CH-25
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, back room, drywall and joint compound.

Gross Description: White drywall with fibrous layer and skim coat/joint compound.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		80-85 %
Cellulose	80-85 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		15-20 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551263

Date Collected: 06/13/95

Sample Number: AS-CH-26

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, back room, drywall and joint compound.

Gross Description: White drywall with fibrous layer and skim coat/joint compound.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		80-85 %
Cellulose	80-85 %	
Fibrous Glass	Non-Det. %	
	%	
	%	
 TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		15-20 %

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Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551264
Sample Number: AS-CH-27
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Osco, back room, drywall and joint compound.

Gross Description: White drywall with fibrous layer and skim coat/joint compound.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile		Non-Det. %
Amosite		Non-Det. %
		%
		%
		%
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		75-80 %
Cellulose	75-80	%
Fibrous Glass	Non-Det.	%
		%
		%
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		20-25 %

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Forensic Analytical
Analytical Report

San Francisco • 3777 Depot Road, Suite 409, Hayward, CA 94545 • Phone 510/887-8828 • Fax 510/887-4218
Los Angeles • 19443 Laurel Park Road, Suite 101, Rancho Dominguez, CA, 90220 • Phone 310/763-2374 • Fax 310/763-8684

Bulk Material Analysis
Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551265
Sample Number: AS-CH-28
P.O. Num:
Job ID: 70400-033-01
Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Date Collected: 06/13/95

Location: Jewel, back room, hard elbow.

Gross Description: Off-white fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %	Non-Det. %
Chrysotile		Non-Det. %	
Amosite		Non-Det. %	
		%	
		%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:			45-50 %
Cellulose	20-25	%	
Fibrous Glass	20-25	%	
		%	
		%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:			50-55 %

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Los Angeles • 19443 Laurel Park Road, Suite 101, Rancho Dominguez, CA. 90220 • Phone 310/763-2374 • Fax 310/763-8684

Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551266

Date Collected: 06/13/95

Sample Number: AS-CH-29

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Jewel, back room, hard elbow.

Gross Description: White fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:

Chrysotile
Amosite

Non-Det. %
Non-Det. %
%
%

Non-Det. %

TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:

Cellulose
Fibrous Glass

20-25 %
20-25 %
%
%

45-50 %

TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:

50-55 %

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Bulk Material Analysis

Method: 40 CFR 763, Subpart F, Appendix A (AHERA)

Client:
SECOR

Client Number: 2644
Report Number: 236951
Date Received: 06/15/95

1390 Willow Pass Road, Suite 360
Concord, CA 94520

Lab Number: 19551267

Date Collected: 06/13/95

Sample Number: AS-CH-30

P.O. Num:

Job ID: 70400-033-01

Site: Jewel / Osco, 11414 South Halsted, Chicago, Illinois

Location: Osco, back room, hard elbow.

Gross Description: White fibrous material.

Comments:

Microscopic Description

TOTAL ASBESTOS PRESENT:		Non-Det. %
Chrysotile	Non-Det. %	
Amosite	Non-Det. %	
	%	
	%	
TOTAL NON-ASBESTOS FIBROUS MATERIAL PRESENT:		45-50 %
Cellulose	20-25 %	
Fibrous Glass	20-25 %	
	%	
	%	
TOTAL NON-ASBESTOS NONFIBROUS MATERIAL PRESENT:		50-55 %

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BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2644 SEACOR 1390 Willow Pass Road, Suite 360 Concord, CA 94520	PHONE:	DATE:
	Circle the Method and Turn Around Time	Results Needed:
	Rush/24hr/48hr/Ext	6/13/95
	PLM: Standard / Point Count	Gravimetry Prep
CONTACT: Keith Kulkarni	TEM: QUAL / QUANT. / WATER	
P.O.#	JOB # 170400-033-el	ATOMIC ABSORPTION: Flame or Furnace
SITE: Jewell's	METALS:	

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
AS-ch-01	6/13/95	12x12= white w/ tan streaks VFT and mastic, Retail Floor.
AS-ch-02	}	12x12= white with tan streaks VFT and mastic, Retail Floor.
AS-ch-03		12x12= white w/ tan streaks VFT and mastic, Retail Floor.
AS-ch-04		12x12= RED VFT and mastic, Retail Floor.
AS-ch-05		12x12= RED VFT and mastic, Jewel, Back Room.
AS-ch-06		12x12= RED VFT and mastic, Jewel, Back Room.
AS-ch-07		12x12 white/beige with green streaks VFT and mastic, Jewel, and Floor, Break Room.
AS-ch-08		12x12= white/beige with green streaks VFT and mastic, Jewel, and Floor, Break Room.
AS-ch-09		12x12= white/beige with green streaks VFT and mastic, Jewel, and Floor, Break Room.
AS-ch-10		2'x4' white ceiling tile, Jewel, 2nd Floor, Break Room.

Relinquished by: Keith Kulkarni	Received By: P. Beech
Date/Time: 6/13/95	Date/Time: 6-15-95 10:00
	Sealed Condition (circle one) YES / NO
Relinquished by:	Received By:
Date/Time:	Date/Time:
	Sealed Condition (circle one) YES / NO

BULK SAMPLE REQUEST FORM

CLIENT NAME & ADDRESS: 2644 SEACOR 1390 Willow Pass Road, Suite 360 Concord, CA 94520	PHONE: 510-686-9785	DATE: 6/13/95
	Circle the Method and Turn Around Time	Results Needed: 6/19/95
	Rush/24hr/48hr/Ext	
	PLM: Standard / Point Count	Gravimetry Prep
CONTACT: Keith Kilmer	TEM: QUAL / QUANT. / WATER	
P.O.#	JOB # 13452-033-01	ATOMIC ABSORPTION: Flame or Furnace
SITE: Jewel Tower 11414 South Halsted, Chicago, Illinois		METALS:

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION
AS-CH-11	6/13/95	2x4-white ceiling tile, Jewel, 2nd Floor, Break Room.
AS-CH-12	}	2x4-white ceiling tile, Retail Floor.
AS-CH-13		black basecove and blue, Jewel, 2nd Floor, Break Room.
AS-CH-14		black basecove and blue, Jewel, 2nd Floor, Break Room.
AS-CH-15		black basecove and blue, Retail Floor.
AS-CH-16		Brown basecove and blue, Jewel, 2nd Floor, Storage.
AS-CH-17		Brown basecove and blue, Jewel, 2nd Floor, Storage.
AS-CH-18		Brown basecove and blue, Jewel, 2nd Floor, Storage.
AS-CH-19		Wynwall, Jewel, 2nd Floor, stairwell to Break Room.
AS-CH-20		Wynwall, Jewel, Break Room.

Relinquished by: <i>Keith Kilmer</i>	Received By: <i>[Signature]</i>
Date/Time: 6/13/95	Date/Time: 6/18/95
	Sealed Condition (circle one) YES NO
Relinquished by:	Received By:
Date/Time:	Date/Time:
	Sealed Condition (circle one) YES / NO

WPDOCS\FORMS\BULK.COC

CLIENT NAME & ADDRESS: 2644 SEACOR 1390 Willow Pass Road, Suite 360 Concord, CA 94520		PHONE: 510-686-7780	DATE: 6/13/95
		Circle the Method and Turn Around Time Rush/24hr/48hr/Ext	Results Needed: 6/19/95
CONTACT: Keith Kilwein		PLM: Standard / Point Count	Gravimetry Prep
P.O.#		TEM: QUAL / QUANT. / WATER	
JOB # 176405-033-51		ATOMIC ABSORPTION: Flame or Furnace	
SITE: Jewell OSCO 11414 South Havelock, Christy, Jewel		METALS:	

SAMPLE NUMBER	DATE COLLECTED	SAMPLE LOCATION/DESCRIPTION	
AS-ch-21	6/13/95	Walls, OSCO, Back Room.	
AS-ch-22	}	Joint compound / Tape, OSCO, Back Room.	
AS-ch-23		Joint compound / Tape, OSCO, Back Room.	
AS-ch-24		Joint compound / Tape, Jewel, Back Room.	
AS-ch-25		Walls and Joint compound, Jewel, Back Room.	
AS-ch-26		Walls and Joint compound, Jewel, Back Room.	
AS-ch-27		Hand Elbow, Jewel, Back Room.	
AS-ch-28		Hand Elbow, Jewel, Back Room.	
AS-ch-29		Hand Elbow, OSCO, Back Room.	
AS-ch-30			

Relinquished by: Keith Kilwein	Received By: [Signature]
Date/Time: 6/13/95	Date/Time: 6/19/95
	Sealed Condition (circle one) YES / NO
Relinquished by:	Received By:
Date/Time:	Date/Time:
	Sealed Condition (circle one) YES / NO

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LIMITED ASBESTOS SURVEY

Jewel Osco No. 3089
NWC Halsted Street and 115th Street
11414 S. Halsted Street
Chicago, Illinois 60628

PREPARED FOR

New Albertsons Inc.
250 Parkcenter Boulevard
Boise, Idaho 83706

RECEIVED

JAN 04 2007

ALBERTSON'S
ENVIRONMENTAL AFFAIRS

PREPARED BY

SECOR International Inc.
446 Eisenhower Lane North
Lombard, Illinois 60148

SECOR Project No. 13AL.04826.00.0001

December 27, 2006

Robert F. Mesec
Project Scientist

David M. Curnock
Principal Scientist

This report has been prepared for the exclusive use of New Albertsons Inc., and affiliates thereof. Results are based solely on the methodology stated in this report and the report should be relied upon in its entirety. Any reliance a third party makes of this report is the responsibility of such third party.

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SECTION 1
1.1 Survey Summary Sheet

STORE INFORMATION:

Site #: No. 3089 Building Name / Description: Jewel Osco store
 Date of Construction: Circa 1976 Address: 11414 S. Halsted Street
 Approximate Building Size (square feet (sq. ft.)): 67,797 sq. ft. (main level) City, State, Zip: Chicago, IL 60628

Asbestos-Containing Materials	
Survey Date: <u>10/31/06</u>	
By Whom: <u>SECOR International Inc.</u> Firm	
<u>Robert Mesec</u>	Inspector
<u>100-1484</u>	Certification #
Results: (Additional detail provided in Table 1)	
Number of material types sampled:	<u>22</u>
Number of samples collected	<u>31</u>
Number of materials testing positive	<u>5</u>
Was friable ACM found?	<u>No</u>
Were roofing materials sampled?	<u>No</u>
Are there unique state or local requirements?	<u>Yes</u>
(If Yes, See Section 5)	
Laboratory Utilized:	
Name: <u>EMSL Analytical, Inc.</u>	
Address: <u>2444 West George Street</u>	
<u>Chicago, IL 60618</u>	
Building Access Limitations (if any):	
<u>None</u>	
Comments:	
<p><u>This Limited Asbestos Survey focused on drywall, thermal system insulation (TSI) - elbows, flooring and mastic materials within the Jewel Osco store. New Albertsons, Inc. provided SECOR with the ACM Abatement Closure Report prepared by Hygieneering, Inc. and dated January 28, 1999. A copy of the report is located in the Appendices of this survey.</u></p>	

SECTION 1

1.2 Results Summary

ACM SURVEY RESULTS

The following homogeneous building material types were sampled as part of this survey and their results are summarized in the table below:

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM	# SAMP.	QUANTITY*
3089-01	Floor tile (FT) – 12"x12" white pattern	Jewel Osco store, main area, majority tile, under aisle shelving units and rear mezzanine and partial front mezzanine areas (single layer)	NF	Good	ND ³	4	--
3089-01	Mastic – black	Jewel Osco store, main area, majority tile, under aisle shelving units and rear mezzanine and partial front mezzanine areas	NF	Good	2 % Chrysotile	4	46,000 sq. ft. **
3089-02	FT – 12"x12" blue pattern	Jewel Osco store, main area – various accent areas, south and east areas (single layer)	NF	Good	ND	1	--
3089-02	Mastic - black	Jewel Osco store, main area – various accent areas, south and east areas	NF	Good	ND	1	--
3089-03	FT – 12"x12" pink pattern	Jewel Osco store, main area – accent tile, Liquor area (single layer)	NF	Good	ND	1	--
3089-03	Mastic - black	Jewel Osco store, main area – accent tile, Liquor area	NF	Good	ND	1	--
3089-04	FT – 12"x12" white pattern	Jewel Osco store, main area – patch tile, various areas (single layer)	NF	Good	ND	1	--
3089-04	Mastic - black	Jewel Osco store, main area – patch tile, various areas	NF	Good	2 % Chrysotile	1	**
3089-05	FT – 12"x12" dark pink pattern	Jewel Osco store, main area – accent tile, Cosmetics area (single layer)	NF	Good	ND	1	--
3089-05	Mastic - black	Jewel Osco store, main area – accent tile, Cosmetics area	NF	Good	ND	1	--
3089-06	FT – 12"x12" red pattern	Jewel Osco store, main area – accent tile, Dairy area (single layer)	NF	Good	ND	1	--
3089-06	Mastic - black	Jewel Osco store, main area – accent tile, Dairy area	NF	Good	ND	1	--
3089-07	FT – 12"x12" orange pattern	Jewel Osco store, main area – accent tile, Frozen Foods and Fine Meat area (single layer)	NF	Good	2 % Chrysotile	1	**
3089-07	Mastic - black	Jewel Osco store, main area – accent tile, Frozen Foods and Fine Meat area	NF	Good	2 % Chrysotile	1	**

MTL #	MATERIAL DESCRIPTION	LOCATION	F/NF ¹	COND. ²	% ACM	# SAMP.	QUANTITY*
3089-08	FT – 12"x12" green pattern	Jewel Osco store, main area – accent tile, Produce and Floral areas (single layer)	NF	Good	ND	1	--
3089-08	Mastic - black	Jewel Osco store, main area – accent tile, Produce and Floral areas	NF	Good	ND	1	--
3089-09	FT – 12"x12" yellow pattern	Jewel Osco store, main area – accent tile, Bakery (single layer)	NF	Good	ND	1	--
3089-09	Mastic - black	Jewel Osco store, main area – accent tile, Bakery	NF	Good	ND	1	--
3089-10	Drywall system	Various areas throughout store	F	Good	ND	2	--
3089-11	TSI - elbows	Store support area	F	Good	ND	3	--
3089-12	FT – 12"x12" off-white pattern	Jewel Osco store, partial front mezzanine area (single layer)	NF	Good	ND	1	--
3089-12	Mastic - black	Jewel Osco store, partial front mezzanine area	NF	Good	2 % Chrysotile	1	**

¹ F = Friable; NF = Non-friable; Friability is further defined in section 4.

² Cond. = Condition of Materials; Either good, fair or poor.

³ ND = Non-detect

⁴ Estimated quantity provided on positive results only.

** Total ACM floor tile and mastic area for the main sales section and mezzanine areas of the store is approximately 46,000 sq. ft.

SECTION 2

Introduction

PURPOSE

The purpose of this study was to identify that interior drywall, TSI-elbows, flooring, and mastic materials that contain asbestos.

ESCORT

Mr. Mike Weringa, Store Director of the Jewel store, provided the access and walk-through of the Site. No escort was provided for this inspection.

AUTHORIZATION

Authorization to perform this study was given by Mr. Dale Patton of New Albertsons Inc. in the Project Services Agreement for Environmental Services dated October 6, 2006, and executed by SECOR International Incorporated.

This report has been prepared for the exclusive use of New Albertsons Inc., and affiliates thereof.

BUILDING OBSERVATIONS

The building inspected is an active Jewel Osco store located at 11414 S. Halsted Street, Chicago, Cook County, Illinois. The Site consists of an approximately 67,797 sq. ft. building located within a commercial shopping complex, with associated asphalt parking. The total main sales area encompasses approximately 41,939 sq. ft. of the building. According to Mr. Weringa, Store Director of the Jewel, the building was constructed in the approximately 1976. The building consists of a single-story, steel and masonry structure with a flat built-up roof system. The building has three mezzanine areas. The northeast (rear) mezzanine is approximately 1,170 square feet in size and is utilized as office space, mechanical and employee break area. The northwest mezzanine is utilized for mechanical areas. The north (front) mezzanine is approximately 2,877 square feet in size and is utilized as office space and mechanical. The forced air, natural gas operated heating, ventilation, and air conditioning (HVAC) systems are located on the roof and/or the building support areas. The interior walls consist of drywall or masonry. Ceilings are lay-in ceiling tiles or metal decking. Floors are concrete and covered with sealant, floor tile, or ceramic tile. A single layer of floor tile was observed in the main/sales section, under the shelving units and the mezzanine areas. The building exterior is masonry with a decorative finish over the main entrances.

SECTION 3

Warranty

CONSULTANT warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform asbestos assessments pursuant to OSHA as well as state and local requirements as applicable.

The limited survey included inspection of the interior drywall, TSI-elbows, flooring and mastic materials. SECOR did not inspect or sample inaccessible areas such as behind walls or within ductwork and did not dismantle any part of the structure to survey inaccessible areas. Inaccessible is defined as areas of the building that could not be tested (sampled) without destruction of the structure or a portion of the structure. In the event that access to a portion of the building was not obtained (which otherwise would have been tested), such limitations are specifically identified in Section 1 of this report.

SECTION 4

Methods

Inspection and sampling procedures were performed in accordance with the guidelines published by the Environmental Protection Agency (EPA) in 40 CFR Part 763 Subpart E, October 30, 1987. Sampling procedures include collection of at least three samples of all suspect friable and non-friable materials as recommended by EPA Guidance document 700/B-92/001, February 1992. The inspection and survey described below was performed by an EPA accredited inspector.

GENERAL ORGANIZATION

Before commencing the survey, the inspector spoke with Mr. Mike Weringa, Store Director of the Jewel Store, to discuss the survey approach, the need for unrestricted access and construction related information issues such as building age as well as prior construction activities.

The survey consisted of three major activities: visual inspection, sampling, and quantification of building materials. Although these activities are listed separately, they are integrated tasks.

VISUAL INSPECTION

An initial building walkthrough was conducted to determine the presence and condition of suspect materials that were accessible and/or exposed. Materials that were similar in general appearance were grouped into homogeneous sampling areas.

■ Homogeneous Material Classifications

A preliminary walkthrough of the building was conducted to determine areas of materials which were visually similar in color, texture, general appearance, and which appeared to have been installed at the same time. Such materials are termed "homogeneous materials" by the EPA. During this walkthrough, the approximate locations of these homogeneous materials were also noted.

Following the EPA inspection protocol, each identified suspect homogeneous material was placed in one of the following EPA classifications:

1. **Surfacing Materials** (spray or trowel applied to building members)
2. **Thermal System Insulation** (materials generally applied to various mechanical systems)
3. **Miscellaneous Materials** (any materials which do not fit either of the above categories)

■ Friability Classifications

A regulated asbestos-containing material (RACM) as defined by National Emissions Standard for Hazardous Air Pollutants (NESHAP) is any (a) Friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

Following the EPA inspection protocol, each identified suspect homogeneous material was placed in one of the following EPA classifications:

- **Friable Materials** NESHAP defines a friable ACM as any material containing more than one percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

- **Category I Non-friable** NESHAP defines a Category I non-friable ACM as packing, gaskets, resilient floor covering (except vinyl sheet flooring products which are considered friable), and asphalt roofing products which contain more than one percent asbestos.
- **Category II Non-friable** NESHAP defines a Category II non-friable ACM as any material, except for a Category I non-friable ACM, which contains more than one percent asbestos and cannot be, reduced to a powder by hand pressure when dry.

SAMPLING PROCEDURES (Asbestos)

Following the walkthrough, the inspector collected samples of accessible materials identified as suspect asbestos-containing materials (ACM).

EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

Samples of surfacing material were collected in accordance with the EPA random sampling protocol outlined in the EPA publication, "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials" (EPA 560/5-85-030a, October, 1985). The homogeneous sampling area was divided into a grid of nine (9) sub-areas. If nine samples were taken, one sample was taken from each sub-area. If less than nine samples were taken, the EPA random numbering diagram was used to determine which sub-areas would be sampled. While an effort was made to extract the samples from approximately the middle of the sub-area, representative samples were taken preferentially from already damaged areas or areas that were the least visible.

Samples of miscellaneous materials were taken as randomly as possible while again attempting to sample already damaged areas so as to minimize disturbance of the material.

QUANTIFICATION

Quantities of accessible and/or exposed building materials, which were suspected of containing asbestos, were estimated. This estimation was performed by taking approximate measurements in the field. Suspected building materials were measured in square feet of surface area.

LABORATORY PROCEDURES

Method of Analysis (Asbestos)

Analysis was performed at EMSL Analytical, Inc., a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory in Chicago, Illinois. Samples were analyzed by the laboratory on November 4, 2006 and verified on November 29, 2006. A chain-of-custody, documenting the possession of the samples from the time they were collected until they have been analyzed and stored, was submitted with the bulk samples. All samples were managed in accordance with proper handling and chain-of-custody procedures.

Analysis was performed by using the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents. Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics were used to identify the non-asbestos constituents.

The microscopist visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample, using a stereoscope.

All bulk samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining as described by the method of the determination of asbestos in bulk insulation, EPA/600/R-93/116, July 1993. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displayed enables mineral identification.

It should be noted that some ACM might not be accurately identified and/or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) is required for a more definitive analysis of these materials.

For bulk samples which are found to contain <1% asbestos, Point Count Analysis as described by the method for the determination of asbestos in accordance with Environmental Protection Agency (EPA) "Interim Method for Identification of Asbestos in Bulk Insulation Samples" (40 CFR 763, Appendix A, Subpart F), is often utilized. As part of this method, a bulk sample is reduced, in an effort to dissolve any non-asbestos constituents, such as calcite. As a result of this reduction process, a concentrated sample is then obtained and analyzed. A minimum number of counts for each sample is 400. The number of identified asbestos points is divided by 400, and then multiplied by 100 in order to calculate the percentage. Each asbestos type is quantified individually.

Laboratory Quality Control Program

EMSL Analytical, Inc. maintains an in-house quality control program. This program involves blind reanalysis of ten percent of all samples, precision and accuracy controls, and use of standard bulk reference materials.

SECTION 5

Unique State and/or Local Requirements

If the asbestos containing building materials identified in this report will be disturbed through future maintenance, renovation or demolition activities, they will be subject to the requirements set forth in all applicable local, state, and federal regulations.

Materials that were not sampled and are assumed to contain asbestos will be subject to these same requirements until tests are performed to confirm the absence of asbestos.

The following notices, permits and licenses are necessary for abatement work as of the date of this report. The contractor is cautioned to verify these requirements as applicable to the final project scope and confirm that no new requirements exist.

LOCAL AIR QUALITY BOARD

Written notification to the Illinois Environmental Protection Agency (IEPA) is required at least 10 days prior to beginning any asbestos abatement project activities on regulated asbestos-containing materials where the quantities are at least 160 square feet, 260 linear feet, or 35 cubic feet. IEPA is the state contact for the federal EPA (NESHAP) on these matters.

IDPH

Written notification is required by the Illinois Department of Public Health (IDPH) at least two (2) working days prior to beginning any asbestos abatement project activities on friable or non-friable asbestos-containing materials whose quantities exceed three square feet or three linear feet, but do not exceed 160 square feet or 260 linear feet.

PERMITS

Contractor must obtain all building and special permits required for the asbestos abatement work.

LICENSES

Contractor must maintain current licenses as required by the IDPH and the Illinois Department of Transportation (IDOT) for removal, transporting, disposal, or other regulated activity.

SECTION 6
Photographs

PHOTO 1



View looking north. Photograph shows the Jewel Osco No. 3089 located at 11414 S. Halsted Street, Chicago, IL.

PHOTO 2



View of the roof.

PHOTO 3



View of the 12"x 12" white pattern floor tile and the 12"x12" blue accent floor tile located in the main sales area.

PHOTO 4



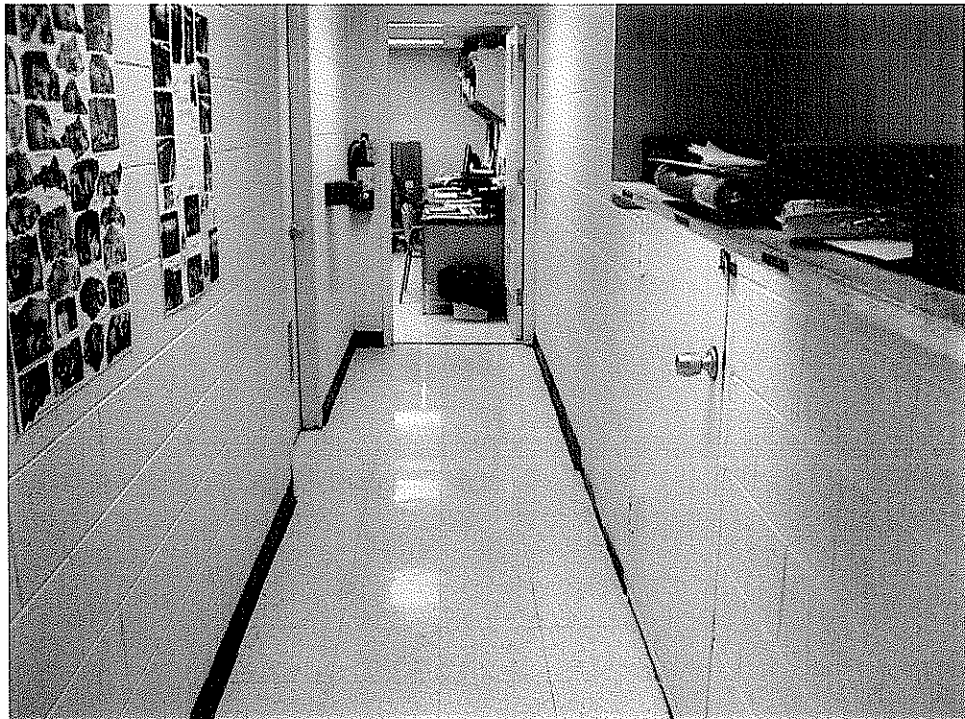
View of the 12"x 12" white pattern floor tiles located in the main sales area.

PHOTO 5



View of the northeast (rear) mezzanine area.

PHOTO 6



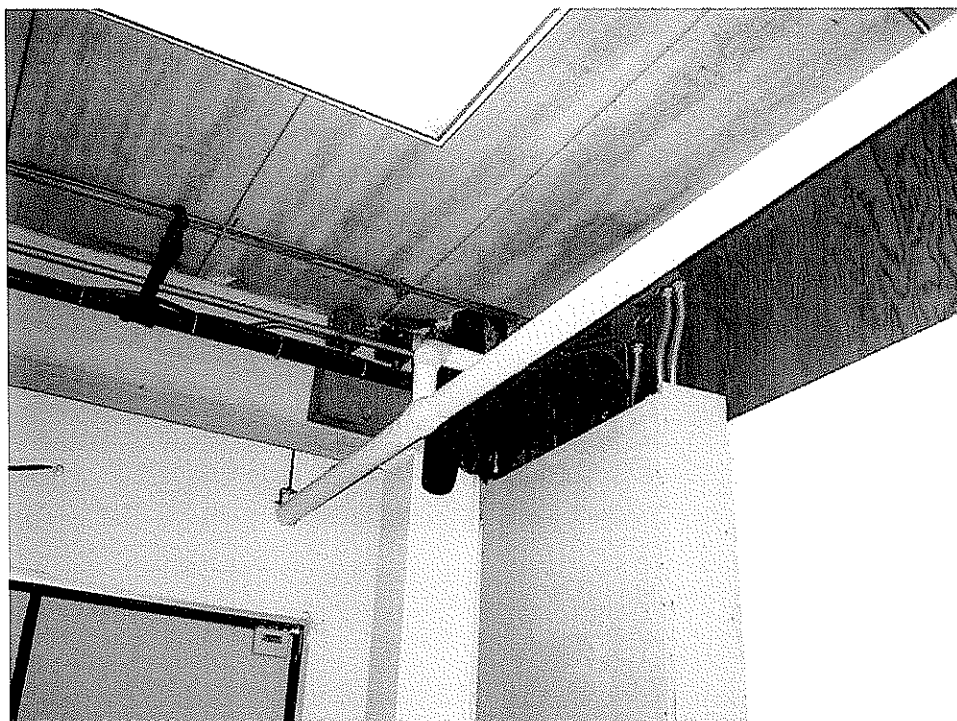
View of the 12"x12" off-white floor tile pattern located in the south (front) mezzanine area.

PHOTO 7



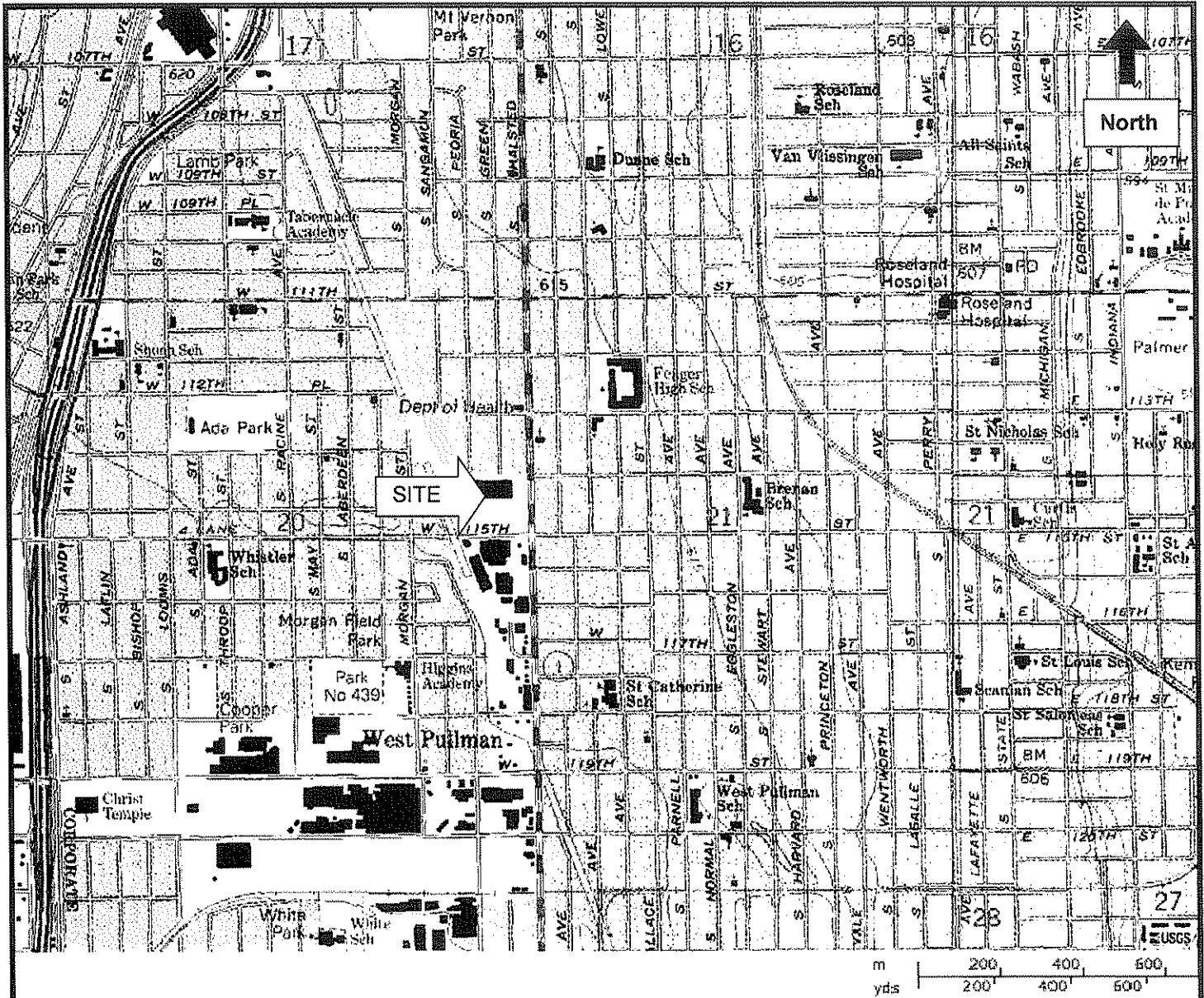
View of the store support area.

PHOTO 8



View of the thermal system insulation elbows located in the store support area.

SECTION 7
Figures



PREPARED BY:



446 EISENHOWER LANE NORTH
LOMBARD, ILLINOIS 60148

**BLUE ISLAND QUADRANGLE
ILLINOIS – COOK COUNTY**

**TOWNSHIP: 37 NORTH
RANGE: 14 EAST
SECTION: 20**

7.5 MINUTE TOPOGRAPHIC SERIES

PREPARED FOR:

ALBERTSONS INC.
JEWEL OSCO NO. 3089
11414 S. HALSTED STREET
CHICAGO, ILLINOIS 60628

SITE LOCATION MAP

DATE

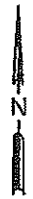
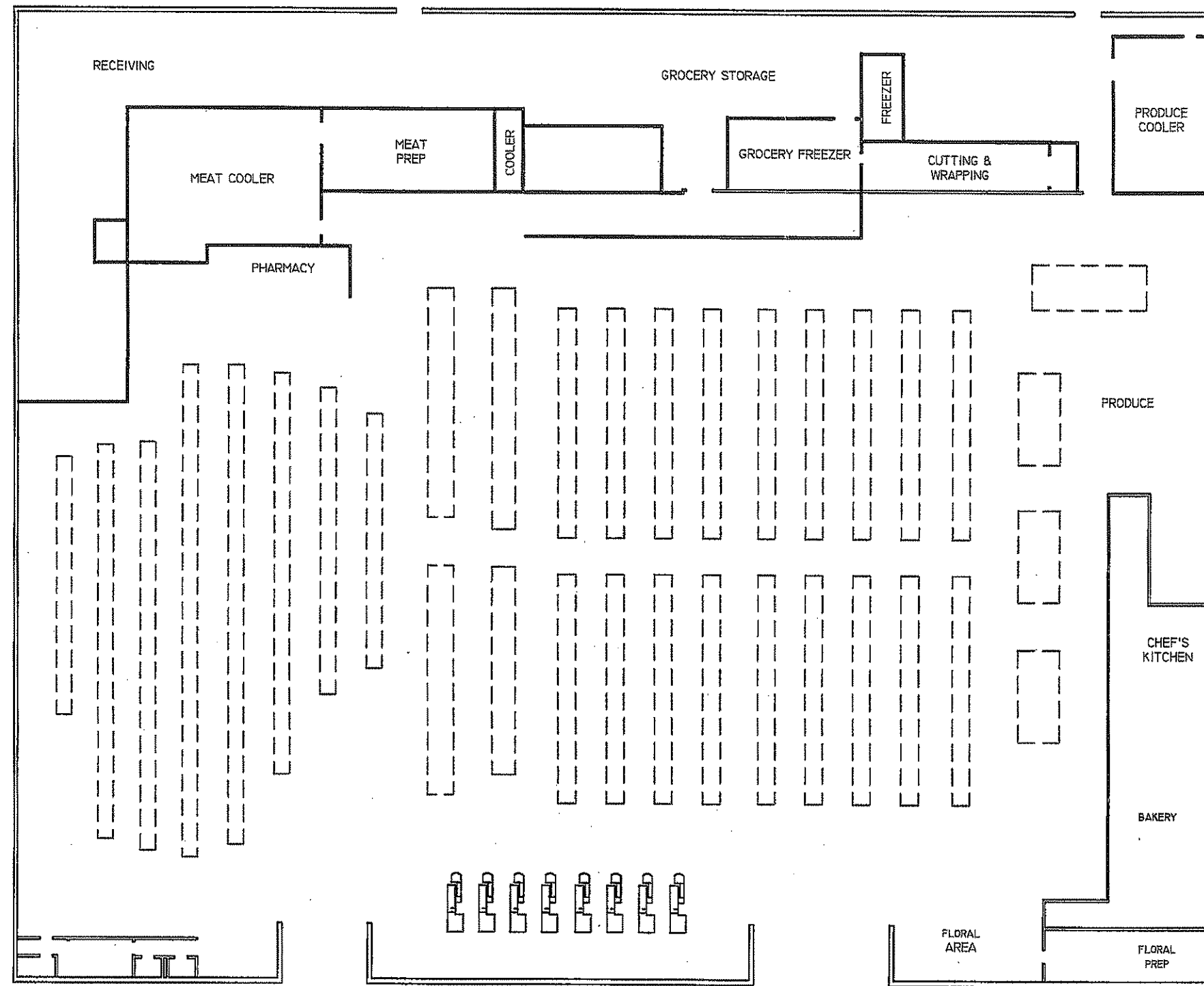
10/31/06

JOB #

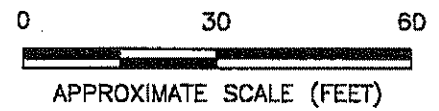
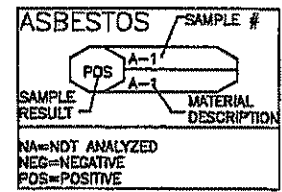
13AL.04826.00

FIGURE

1



LEGEND




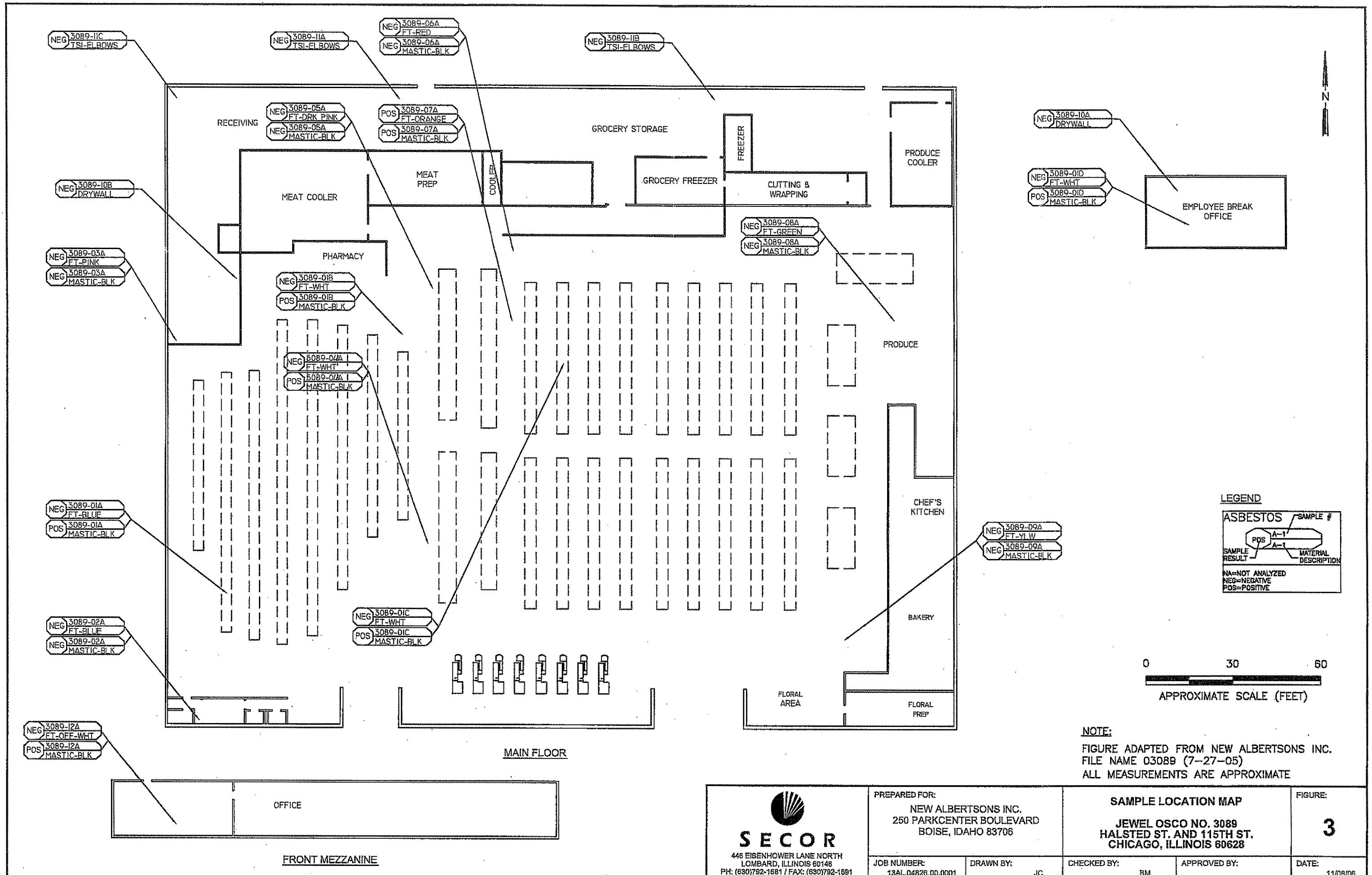
NOTE:
 FIGURE ADAPTED FROM ALBERTSONS INC.
 FILE NAME 03089 (7-27-05)
 ALL MEASUREMENTS ARE APPROXIMATE



FRONT MEZZANINE

MAIN FLOOR

 SECOR 446 EISENHOWER LANE NORTH LOMBARD, ILLINOIS 60148 PH: (630)792-1681 / FAX: (630)792-1681	PREPARED FOR: ALBERTSONS INC. 250 PARKCENTER BOULEVARD BOISE, IDAHO 83706		SITE MAP JEWEL OSCO NO. 3089 HALSTED ST. AND 115TH ST. CHICAGO, ILLINOIS 60628		FIGURE: 2
	JOB NUMBER: 13AL.04826.00.0001	DRAWN BY: JC	CHECKED BY: BM	APPROVED BY:	DATE: 11/08/06



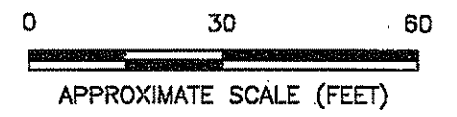
LEGEND

ASBESTOS SAMPLE #

POS A-1

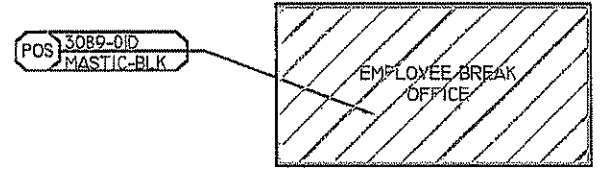
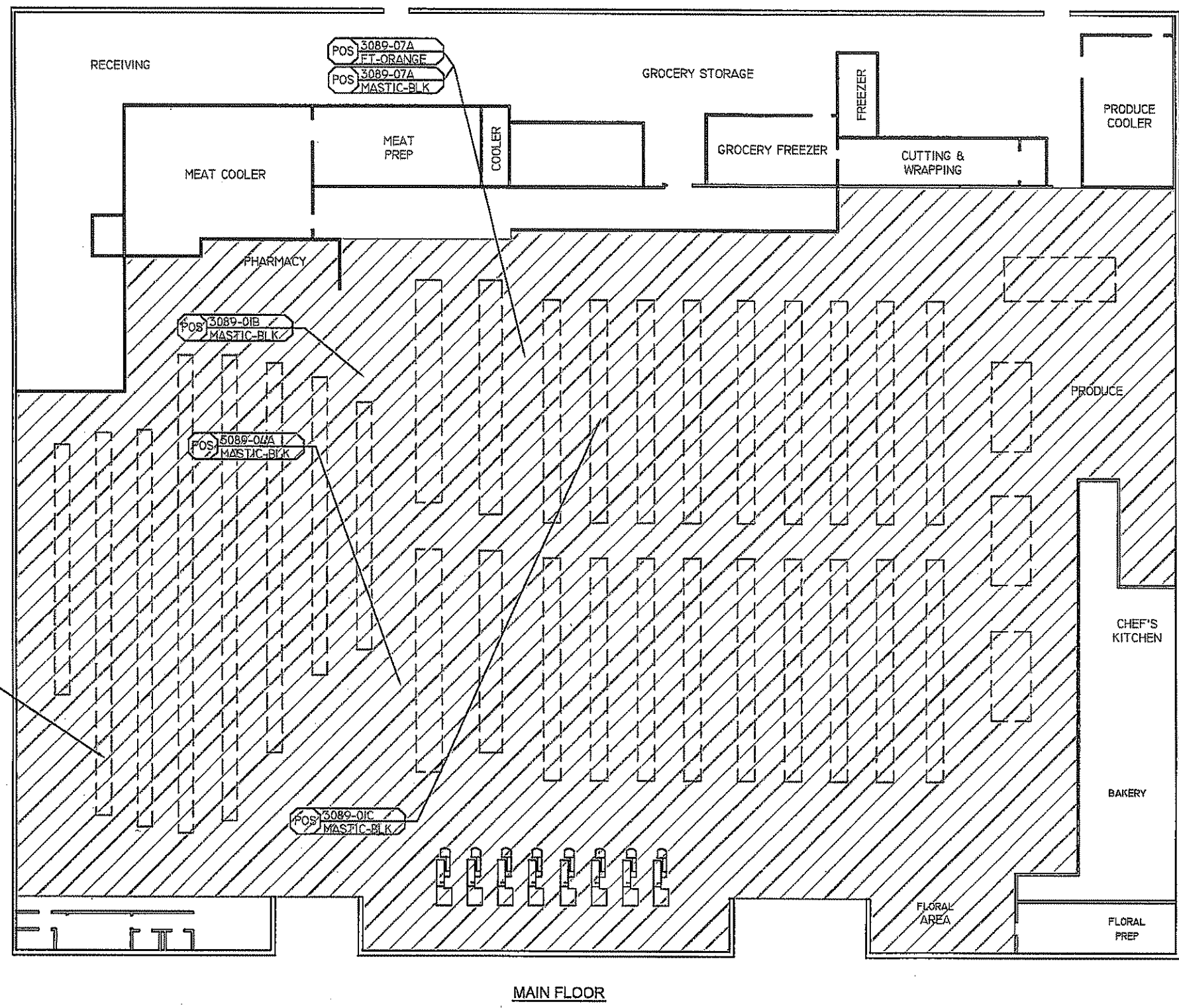
SAMPLE RESULT MATERIAL DESCRIPTION

NA=NOT ANALYZED
 NEG=NEGATIVE
 POS=POSITIVE



NOTE:
 FIGURE ADAPTED FROM NEW ALBERTSONS INC.
 FILE NAME 03089 (7-27-05)
 ALL MEASUREMENTS ARE APPROXIMATE

 SECOR 446 EISENHOWER LANE NORTH LOMBARD, ILLINOIS 60148 PH: (630)792-1681 / FAX: (630)792-1691	PREPARED FOR: NEW ALBERTSONS INC. 250 PARKCENTER BOULEVARD BOISE, IDAHO 83706	SAMPLE LOCATION MAP		FIGURE: 3
	JOB NUMBER: 13AL.04826.00.0001	DRAWN BY: JC	CHECKED BY: BM	APPROVED BY:



LEGEND

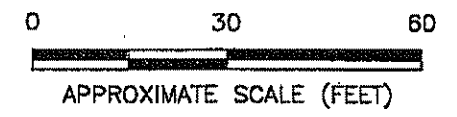
ASBESTOS SAMPLE #

POS A-1

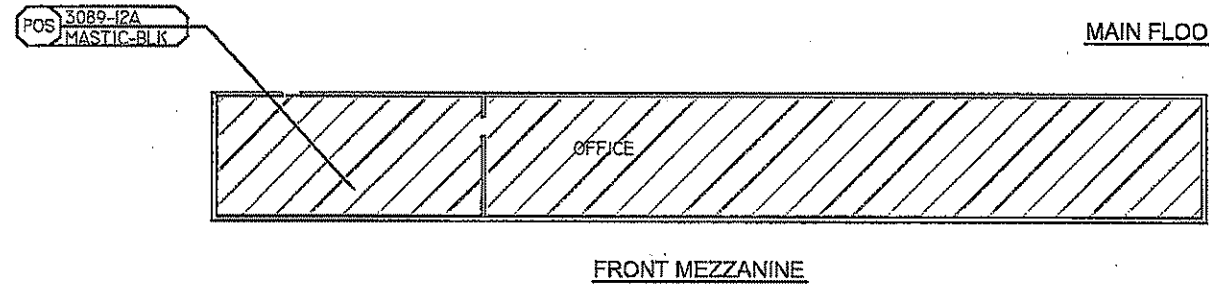
SAMPLE RESULT MATERIAL DESCRIPTION

NA=NOT ANALYZED
NEG=NEGATIVE
POS=POSITIVE

BLACK MASTIC



NOTE:
FIGURE ADAPTED FROM NEW ALBERTSONS INC.
FILE NAME 03089 (7-27-05)
ALL MEASUREMENTS ARE APPROXIMATE



<p>SECOR 446 EISENHOWER LANE NORTH LOMBARD, ILLINOIS 60148 PH: (630)792-1681 / FAX: (630)792-1691</p>	<p>PREPARED FOR: NEW ALBERTSONS INC. 250 PARKCENTER BOULEVARD BOISE, IDAHO 83706</p>	<p>ACM SAMPLE LOCATION MAP</p> <p>JEWEL OSCO NO. 3089 HALSTED ST. AND 115TH ST. CHICAGO, ILLINOIS 60628</p>		<p>FIGURE: 4</p>
	<p>JOB NUMBER: 13AL.04826.00.0001</p>	<p>DRAWN BY: JC</p>	<p>CHECKED BY: BM</p>	<p>APPROVED BY:</p>

SECTION 8
Appendices

INSPECTOR CERTIFICATIONS

ENDORSEMENTS

TC EXPIRES

INSPECTOR

4/13/2007

PROJECT MANAGER
AIR SAMPLING PROFESSIONAL

9/21/2006

Alteration of this license shall result in legal action

This license issued under authority of the State of Illinois -Department of Public Health

This license is valid only when accompanied by a valid training course certificate

Environmental Health Department of Public Health

If found return to 525 W. Jefferson St Springfield, IL 62761



ASBESTOS PROFESSIONAL LICENSE

ID NUMBER

ISSUED

EXPIRES

[REDACTED]

5/18/2006

[REDACTED]

ROBERT F MESECO

[REDACTED]



Environmental Health

See Reverse for Endorsements

Moraine Valley Community College
Environmental Institute
AHERA Accreditation

This certificate is awarded to

ROBERT F. MESEC

In recognition of attending the required four-hour refresher course and successfully passing the written examination, attaining a score of 70 percent or greater.

Building Inspector

<i>Course Date</i>	<i>Test Date</i>	<i>Expiration Date</i>	<i>Social Security #</i>	<i>Accreditation #</i>
April 13, 2006	April 13, 2006	April 13, 2007	346-68-2086	40GIR005

This course is fully approved by the U.S. EPA only for purposes of accreditation under Title II of the Toxic Substances Control Act, 40 CFR part 763. This course is further approved by the Illinois Department of Public Health and the Indiana Department of Environmental Management.



Moraine Valley
Community College

9000 W. College Parkway
Palos Hills, IL 60465
708-974-5735

Kathleen Stearns
Kathleen D. Stearns
Director
Continuing Education

**LABORATORY RESULTS
AND
CHAIN OF CUSTODY
DOCUMENTATION**



EMSL Analytical, Inc.

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Attn: **Bob Mesec**
Secor International Inc (IL)
446 Eisenhower Ln North
Lombard, IL 60148

Fax: (630) 792-1691 Phone: (630) 792-1680
Project: **13AL.04826.00**

Customer ID: SECO62
Customer PO:
Received: 11/01/06 10:00 AM
EMSL Order: 260604859
EMSL Proj:
Analysis Date: 11/4/2006
Report Date: 11/4/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3089-01A/Floor Tile 260604859-0001		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			TEM analysis recommended.		
3089-01A/Mastic 260604859-0001A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-01B/Floor Tile 260604859-0002		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			TEM analysis recommended.		
3089-01B/Mastic 260604859-0002A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-01C/Floor Tile 260604859-0003		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			TEM analysis recommended.		
3089-01C/Mastic 260604859-0003A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-01D/Floor Tile 260604859-0004		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			TEM analysis recommended.		
3089-01D/Mastic 260604859-0004A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

Analyst(s)

Anthony Pereira (31)

Sandra Sobrino, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Chicago (NVLAP-200399-0), TDH License #30-0289

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Lombard, IL 60148

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3089-02A/Floor Tile 260604859-0005	Front & East	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-02A/Mastic 260604859-0005A	Front & East	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-03A/Floor Tile 260604859-0006	Liquor Area	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-03A/Mastic 260604859-0006A	Liquor Area	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-04A/Floor Tile 260604859-0007	Various Areas	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-04A/Mastic 260604859-0007A	Various Areas	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-05A/Floor Tile 260604859-0008	Cosmetic Area	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-05A/Mastic 260604859-0008A	Cosmetic Area	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Report Date: 11/4/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3089-06A/Floor Tile 260604859-0009	Dairy	Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-06A/Mastic 260604859-0009A	Dairy	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-07A/Floor Tile 260604859-0010	Frozen Foods	Orange Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-07A/Mastic 260604859-0010A	Frozen Foods	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-08A/Floor Tile 260604859-0011	Produce	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-08A/Mastic 260604859-0011A	Produce	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-09A/Floor Tile 260604859-0012	Bakery	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-09A/Mastic 260604859-0012A	Bakery	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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EMSL Proj:
Analysis Date: 11/4/2006
Report Date: 11/4/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3089-10A 260604859-0013	Various Areas	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
3089-10B 260604859-0014	Various Areas	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
3089-11A 260604859-0015	Support Areas	White Non-Fibrous Homogeneous	5% Glass 10% Min. Wool	85% Non-fibrous (other)	None Detected
3089-11B 260604859-0016	Support Areas	White Non-Fibrous Homogeneous	5% Glass 10% Min. Wool	85% Non-fibrous (other)	None Detected
3089-11C 260604859-0017	Support Areas	White Non-Fibrous Homogeneous	5% Glass 10% Min. Wool	85% Non-fibrous (other)	None Detected
3089-12A/Floor Tile 260604859-0018	Front Mezzanine	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-12A/Mastic 260604859-0018A	Front Mezzanine	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

Analyst(s)
Anthony Pereira (31)

Sandra Sobrino
Sandra Sobrino, Laboratory Manager
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RECEIVED

DEC 01 2006

Attn: **Bob Mesec**
Secor International Inc (IL)
446 Eisenhower Ln North
Lombard, IL 60148

Customer ID: SECO62
Customer PO:
Received: 11/01/06 10:00 AM
EMSL Order: 260604859

Fax: (630) 792-1691 Phone: (630) 792-1680
Project: 13AL.04826.00

EMSL Proj:
Analysis Date: 11/29/2006
Report Date: 11/29/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3089-01A/Floor Tile 260604859-0001		White Non-Fibrous Homogeneous	TEM analysis recommended.	100% Non-fibrous (other)	None Detected
3089-01A/Mastic 260604859-0001A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-01B/Floor Tile 260604859-0002		White Non-Fibrous Homogeneous	TEM analysis recommended.	100% Non-fibrous (other)	None Detected
3089-01B/Mastic 260604859-0002A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-01C/Floor Tile 260604859-0003		White Non-Fibrous Homogeneous	TEM analysis recommended.	100% Non-fibrous (other)	None Detected
3089-01C/Mastic 260604859-0003A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-01D/Floor Tile 260604859-0004		White Non-Fibrous Homogeneous	TEM analysis recommended.	100% Non-fibrous (other)	None Detected

Analyst(s)

Anthony Pereira (29)
Sandra Sobrino (2)

Sandra Sobrino, Laboratory Manager
or other approved signatory

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Project: 13AL.04826.00

EMSL Proj:
Analysis Date: 11/29/2006
Report Date: 11/29/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3089-01D/Mastic 260604859-0004A		Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-02A/Floor Tile 260604859-0005	Front & East	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-02A/Mastic 260604859-0005A	Front & East	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-03A/Floor Tile 260604859-0006	Liquor Area	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-03A/Mastic 260604859-0006A	Liquor Area	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-04A/Floor Tile 260604859-0007	Various Areas	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-04A/Mastic 260604859-0007A	Various Areas	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3089-05A/Floor Tile 260604859-0008	Cosmetic Area	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

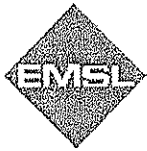
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Sandra Sobrino (2)

Sandra Sobrino, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Chicago (NVLAP -200399-0), TDH License #30-0289



EMSL Analytical, Inc.

2444 W. George Street, Chicago, IL 60618

Phone: (773) 313-0099 Fax: (773) 313-0139 Email: chicagolab@emsl.com

Attn: Bob Mesec
Secor International Inc (IL)
446 Eisenhower Ln North
Lombard, IL 60148

Fax: (630) 792-1691 Phone: (630) 792-1680
Project: 13AL.04826.00

Customer ID: SECO62
Customer PO:
Received: 11/01/06 10:00 AM
EMSL Order: 260604859
EMSL Proj:
Analysis Date: 11/29/2006
Report Date: 11/29/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Table with 6 columns: Sample, Location, Appearance, % Fibrous, % Non-Fibrous, % Type. Rows include samples like 3089-05A/Mastic, 3089-06A/Floor Tile, etc.

Analyst(s)

Anthony Pereira (29)
Sandra Sobrino (2)

Sandra Sobrino (signature)

Sandra Sobrino, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

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Project: 13AL.04826.00

EMSL Proj:
Analysis Date: 11/29/2006
Report Date: 11/29/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3089-09A/Mastic 260604859-0012A	Bakery	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-10A 260604859-0013	Various Areas	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
3089-10B 260604859-0014	Various Areas	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
3089-11A 260604859-0015	Support Areas	White Non-Fibrous Homogeneous	5% Glass 10% Min. Wool	85% Non-fibrous (other)	None Detected
3089-11B 260604859-0016	Support Areas	White Non-Fibrous Homogeneous	5% Glass 10% Min. Wool	85% Non-fibrous (other)	None Detected
3089-11C 260604859-0017	Support Areas	White Non-Fibrous Homogeneous	5% Glass 10% Min. Wool	85% Non-fibrous (other)	None Detected
3089-12A/Floor Tile 260604859-0018	Front Mezzanine	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3089-12A/Mastic 260604859-0018A	Front Mezzanine	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

Analyst(s)

Anthony Pereira (29)
Sandra Sobrino (2)

Sandra Sobrino, Laboratory Manager
or other approved signatory

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Analysis performed by EMSL Chicago (NVLAP -200399-0), TDH License #30-0289



EMSL Analytical, Inc.

2444 W. George Street, Chicago, IL 60618

Phone: (773) 313-0099 Fax: (773) 313-0139 Email: chicagolab@emsl.com

Attn: **Bob Mesec**
Secor International Inc (IL)
446 Eisenhower Ln North
Lombard, IL 60148

Customer ID: SECO62
Customer PO:
Received: 11/01/06 10:00 AM
EMSL Order: 260604859

Fax: (630) 792-1691 Phone: (630) 792-1680
Project: 13AL.04826.00

EMSL Proj:
Analysis Date: 11/29/2006
Report Date: 11/29/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
Revised Report.					

Analyst(s)

Anthony Pereira (29)
Sandra Sobrino (2)

Sandra Sobrino, Laboratory Manager
or other approved signatory

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Analysis performed by EMSL Chicago (NVLAP -200399-0), TDH License #30-0289



EMSL Chicago, IL ♦ 2444 West George St., Chicago, IL 60618

2100604859

EMSL ANALYTICAL, Inc.

CHAIN OF CUSTODY

WWW.EMSL.COM

EMSL Rep: Paul Nyfield
 Company: SECOR International Inc.
 Contact: Bob Mesec
 Address: 446 Eisenhower Lane North
 City & State: Lombard, IL Zip 60148
 Phone: 630-792-1680
 Email Results: rmesec@secor.com
 Project Name or Number: 13AL04826.00

Third Party Billing *requires written authorization from third party
 EMSL-Bill to:
 Contact:
 Address:
 City & State: Zip
 Fax: 630-792-1691
 Fax results
 Purchase Order Number:

TURNAROUND TIME

3 Hours 6 Hours 12 Hours 24 Hours 48 Hours 72 Hours 4 Days 5 Days 6-10 Days

SAMPLE MATRIX

Air Bulk Soil Wipe Micro-Vac Drinking Water Wastewater Chips Other

ASBESTOS ANALYSIS

PCM - Air

NIOSH 7400 (A) Issue 2: August 1994
 OSHA w/TWA

TEM AIR

AHERA 40 CFR, Part 763 Subpart E
 NIOSH 7402 Issue 2
 EPA Level II

PLM - Bulk

EPA 600/R-93/116
 NY Stratified Point Count
 CARB 435 Level: A B C D E
 NIOSH 9002
 PLM NOB (Gravimetric) NYS 198.1
 EPA Point Count (400 Points)
 EPA Point Count (1,000 Points)
 Standard Addition Point Count

SOILS

EPA Protocol Qualitative Quantitative
 CARB 435 Level: A B C D E
 EMSL MSD 9000 Method fibers/gram
 Superfund EPA 540-R097-028 (dust generation)

TEM BULK

Drop Mount (Qualitative)
 Chatfield SOP-1988-02
 TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC

ASTM D 5755-95 (Quantitative)

TEM WIPE

ASTM D-6480-99

TEM WATER

EPA 100.1
 EPA 100.2
 NYS 198.2

OTHER:

LEAD ANALYSIS

Flame Atomic Absorption

Wipe, SW846-7420 ASTM non ASTM
 Soil, SW846-7420
 Air, NIOSH 7082
 Chips, SW846-7420 or AOAC 5.009 (974.02)
 Wastewater, SW 846-7420
 TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption

Air, NIOSH 7105
 Wastewater, SW846-7421
 Soil, SW846-7421
 Drinking Water, EPA 239.2

ICP - Inductively Coupled Plasma

Wipe, SW846-6010 ASTM non ASTM
 Soil, SW846-6010
 Air, NIOSH 7300

MATERIALS ANALYSIS

Full Particle Identification
 Optical Particle Identification
 Dust Mites and Insect Fragments
 Particle Size & Distribution
 Product Comparison
 Paint Characterization
 Failure Analysis
 Corrosion Analysis
 Glove Box Containment Study
 Petrographic Examination of Concrete
 Portland Cement in Workplace Atmospheres (OSHA ID-143)
 Man Made Vitreous Fibers - MMVF's
 Synthetic Fiber Identification
 Other:

MICROBIAL ANALYSIS

Air Samples

Mold & Fungi by Air O Cell
 Mold & Fungi by Agar Plate count & id
 Bacterial Count and Gram Stain
 Bacterial Count and Identification

Water Samples

Total Coliforms, Fecal Coliforms
 Escherichia Coli, Fecal Streptococcus
 Legionella

Wipe and Bulk Samples

Salmonella
 Giardia and Cryptosporidium
 Mold & Fungi - Direct Examination
 Mold & Fungi - (Culture follow up to direct examination if necessary)
 Mold & Fungi - Culture (Count & ID)
 Mold & Fungi - Culture (Count only)
 Bacterial Count & Gram Stain
 Bacterial Count & Identification (3 most prominent types)
 Other:

IAQ ANALYSIS

Nuisance Dust (NIOSH 0500 & 0600)
 Airborne Dust (PM10, TSP)
 Silica Analysis by XRD Niosh 7500
 HVAC Efficiency
 Carbon Black
 Airborne Oil Mist
 Other:

Client Sample # (S) 3089-01

3089-12

TOTAL SAMPLE # 18

Relinquished:

[Signature]

Date: 10-31-06

Time: 15:00 p.m.

Received:

[Signature]

Date: 11-01-06

Time: 10am

Relinquished:

Date:

Time:

Received:

Date:

Time:

SAMPLES ACCEPTED FOR ANALYSIS
 BY EMSL ANALYTICAL, INC.
 CHICAGO, IL

Analyze all layers

**CODES AND REGULATIONS
ASBESTOS**

CODES AND REGULATIONS - ASBESTOS

Federal regulations, which govern asbestos abatement work or hauling and disposal of asbestos waste materials, include but are not limited to the following:

U.S. Department of Labor, Occupational Safety and Health Administration:

Asbestos Regulations

Title 29, Part 1910, Section 1001 of the Code of Federal Regulations

Final Rule

Title 29, Part 1926, Section 1101 of the Code of Federal Regulations

Respiratory Protection

Title 29, Part 1910, Section 134 of the Code of Federal Regulations

Construction Industry

Title 29, Part 1926, of the Code of Federal Regulations

Access to Employee Exposure & Medical Records

Title 29, Part 1910, Section 20 of the Code of Federal Regulations

Hazard Communication

Title 29, Part 1910, Section 1200 of the Code of Federal Regulations

Specifications for Accident Prevention Signs and Tags

Title 29, Part 1910, Section 145 of the Code of Federal Regulations

Lead Regulations

Title 29, Part 1926, Section 62 of the Code of Federal Regulations

Environmental Protection Agency (EPA) including but not limited to:

Worker Protection Rule

40 CFR Part 763, Subpart G
CPTS 62044, FLR 2843-9
Federal Register, Vol. 50, No. 134, 7/12/85
P28530-28540

Regulation for Asbestos

Title 40, Part 61, Subpart A of the
Code of Federal Regulations

National Emission Standard for Asbestos

Title 40, Part 61, Subpart M of the Code of Federal Regulations including
NESHAP Revision; Final Rule, Federal Register; Tuesday, November 20, 1990.

Asbestos Hazard Emergency Response Act (AHERA)

Regulations 40 CFR 763 Subpart E

U.S. Department of Transportation (DOT) including but not limited to:

Hazardous Substances: Final Rule

Regulation 49 CFR, Parts 171 and 172

Standards that govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:

American National Standards Institute (ANSI)

Fundamentals Governing the Design and
Operation of Local Exhaust Systems
Publication Z9.2-79

Practices for Respiratory Protection
Publication Z88.2-80

State of Illinois including but not limited to:

Asbestos Abatement Act
(105 ILCS 105)

Commercial and Public Building Asbestos Abatement Act
(225 ILCS 207)

Rules for Asbestos Abatement for Public and Private Schools
And Commercial and Public Buildings in Illinois
(77 Ill. Adm. Code 855)

PREVIOUS REPORTS BY OTHERS
Asbestos Abatement Closure Documentation

ACM ABATEMENT CLOSURE REPORT

RECEIVED
MAR 26 1999
AMERICAN STORES
PROPERTIES, INC.

ACM ABATEMENT CLOSURE REPORT

TABLE OF CONTENTS

	Section
Executive Summary	I
Asbestos-Containing Material Location Map	II
Air Monitoring Results	III
Waste Manifests	IV
Contractor's Completion and Consultants Certification Form	V
Work Authorization	VI
Notification Submittals	VII
Pre-abatement Checklists and Project Logs	VIII
Miscellaneous Contractor Submittals	IX

SECTION I
EXECUTIVE SUMMARY

ACM ABATEMENT CLOSURE REPORT

Executive Summary

Project Name: Removal of floor tile and mastic in support of
the renovation of the building

Project Location : Jewel / Osco Food Store
14114 South Halsted
Chicago, Illinois

ASPI Project Number: 01-11414 / 18-00016

Hygieneering, Inc. Project Number: 98-5419-E

Client: American Stores Properties, Inc.
ASPI Project Manager: George Richter

Consultant: Hygieneering, Inc.
7575 Plaza Court
Willowbrook, Illinois 60521
Phone: (630) 654-2550

Senior Project Manager: Nelson Gray

Onsite Project Manager(s): Rich Zych, Rocco DiPentino, Geoff Pyka and
Dennis Rumshas

Abatement Contractor: Universal Asbestos Removal

On-site Supervisor (s): Mike Allen, Tom Wokurka, Robert Oden,
Chuck Harris and Jeff Radanovich

Crew Size: 1-2

Project Dates: 11-1/2-98 - 11-5/6-98, 11-8/9-98, 11-23/24-98,
11-30-98 / 12/1-98, 12-3/4-98, 12-7/8-98,
12/14/15-98,
1-3/4-98 and 1-11/12-98

Project Discussion:

The asbestos abatement was performed in response to a major remodel of the building. 61,020 sq. ft. of floor tile and mastic and was removed from the Jewel / Osco retail floor and 3,660 sq. ft. of floor tile and ACM mastic was removed from the Jewel mezzanine as asbestos containing materials. The work was performed by an Illinois licensed and certified abatement contractor. All work was performed in accordance with local, state and federal regulations.

SECTION II

ASBESTOS-CONTAINING MATERIAL(S)
LOCATION MAP

E2-A CLOSEOUT REPORT

**PROJECT SUMMARY
E2-A FORM WITH TABLE
LOCATION MAP
AIR MONITORING RESULTS
COMPLETED WASTE MANIFEST(S)
CONTRACTOR'S AND CONSULTANT'S COMPLETION CERTIFICATE
COPY - WORK AUTHORIZATION/CHANGE ORDERS
COMPLETED NOTIFICATION FORMS SUBMITTED
ACM DATABASE UPDATE BY ASPI ENVIRONMENTAL**

PROJECT SUMMARY
E2-A FORM WITH TABLE

ACM ABATEMENT INFORMATION, Form No. E2-A

Store Information:

Store #: 01-11414 / 18-00016 Store Manager: Uyles Myles
 Address: 11414 South Halsted City, State, Zip: Chicago, Illinois

Abatement Information:

Completion Date: 1/99 By: Hygieneering, Inc. Firm
 (Month, Year) Nelson Gray Contact Person

Project Personnel (as applicable)	Name	Title	Affiliation
ASPI Contact:	<u>George Richter</u>	<u>Vice President - Construction</u>	<u>American Stores Properties, Inc.</u>
Consultant Sr. Proj. Mgr.:	<u>Nelson Gray</u>	<u>Env. Services Mgr.</u>	<u>Hygieneering, Inc.</u>
Other (Contractor):	<u>Pat Connolly</u>	<u>Project Manager</u>	<u>Universal Asbestos Removal</u>

Were all ACM materials abated according to the survey provided (Y/N)? Y If no, specify material type, quantity and location on the following page.

Was abatement completed in anticipation of building demolition? (Y/N) N

Utilizing Table I on the following page, identify and locate the materials removed during abatement:

Transporter(s) and Landfill(s) utilized for the disposal of ACM materials:
Illinois Recycling Services, National Waste Services, TOP Disposal Services and Tri State Disposal Inc. were utilized to transporte the waste off site to the Newton County Development Corporation located in Brook, Indiana and to the Community Landfill located in Morris, Illinois.

Waste Manifest Number(s): 001 - NC984622 and 1972

Closure Documentation:

To Salt Lake City Environmental Department:

- Copy of this form
- ACM location map indicating removal location(s)
- Air Monitoring Results
- Copies of completed Waste Manifest(s)
- Contractor and Consultant's completion certificates
- Copy of work authorization/change orders for Contractor and Consultant
- Copy of completed notification forms submitted to local and/ or state regulatory agencies

Form Completion/ Document Distribution:

By: Nelson Gray Title: Environmental Services Manager Date: 1/28/99

ACM ABATEMENT INFORMATION, Form No. E2-A, Page 2

**Table I - Materials and Location of Materials Removed During Abatement
Store #: 01-11414 / 18-00016**

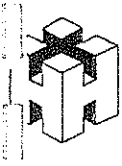
Material Abated During this Project	Abatement Method	Location of Material (Room and Coordinates)	Total Quantity/ Unit
12" x 12" white with tan streaks vinyl floor tile and mastic	Proper wet removal techniques	Jewel and Osco retail floor	61,020 sq. ft.
12" x 12" white/ beige with green streaks vinyl floor tile and mastic	Proper wet removal techniques	Jewel mezzanine	3,660 sq. ft.

**Table II - Materials and Locations of Materials Removed during Previous Abatement Projects
Store #:01-11414 / 18-00016**

Material Abated During Previous Projects	Dates of Removal	Location of Material (Room and Coordinates)	Total Quantity/ Unit
N/A	N/A	N/A	N/A

**Material and Location of Materials Remaining in store According to Survey
Store #: 01-11414 / 18-00016**

Material to be Abated	Location of Material (Room and Coordinates)	Total Quantity/ Unit
N/A	N/A	N/A



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521

(630) 654-2550 ■ FAX: (630) 789-3813

October 21, 1998

Mr. Jim Peele
American Stores Properties, Inc.
1955 W. North Avenue
Building F
Melrose Park, IL 60160

Re: Bulk Sample Analysis
Hygieneering, Inc.
Project: ASPI #01-11414, Remodel - 98-5419-E
Sample # (s): B29934 - B29936

Dear Mr. Peele:

The following report summarizes the result of the analysis of the material submitted to us for identification. Analysis was performed in accordance with the EPA Method 600/R-93/116, July 1993 utilized polarized light microscopy with a dispersion staining objective and by stereobinocular examination. These methods are based on the refractive index, optical properties and overall morphology of crystalline and non-crystalline substances.

This report shall not be reproduced except in full, without the written permission from Hygieneering, Inc.'s laboratory. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

Please feel free to contact me if you have any questions or if we can be of further assistance.

Sincerely,

Hygieneering, Inc.

Jacqueline Cadwallader
Laboratory Manager



PLM ANALYTICAL REPORT

CLIENT: American Stores Properties, Inc. 1955 W. North Avenue Building F Melrose Park, IL 60160-1181

PROJECT: ASPI #01-11414 Remodel 98-5419-E

CONTACT PERSON: Mr. Jim Peele

SAMPLING DATE(s): 10/15/98 RECEIVED: 10/15/98 ANALYZED: 10/15/98 METHOD: POLARIZED LIGHT MICROSCOPY

ANALYTICAL RESULTS

Table with 5 columns: SAMPLE IDENTIFICATION, SAMPLE DESCRIPTION, ASBESTOS PRESENT/ TYPE *, OTHER FIBROUS COMPONENTS, OTHER NONFIBROUS COMPONENTS. Rows include MFA-1 B29934, MFA-2 B29935, and MFA-3 B29936.

Notes to the client regarding PLM analytical results:

- 1. Asbestos includes the asbestiform varieties of chrysotile, amosite, crocidolite, tremolite, anthophyllite and actinolite. A substance is considered asbestos containing material (ACM) if it contains > 1% asbestos.
2. Multilayer samples are analyzed for asbestos content.
3. Analysis of floor tile and other resinously bound non-friable materials by PLM Stereomicroscopic examination...
4. Friable samples determined to contain <10% asbestos by PLM and stereomicroscopic examination...

NIST Accredited for PLM - NVLAP #101997-0

ANALYST: JMC

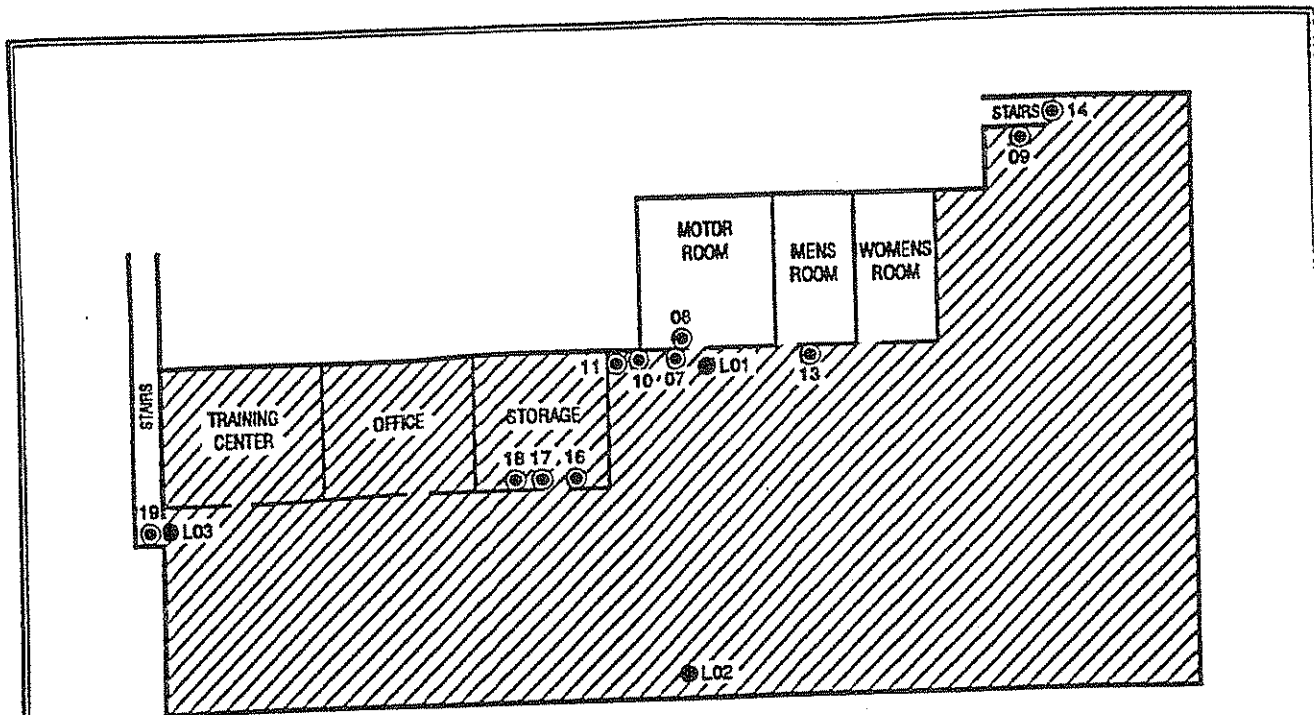
MANAGER/ANALYST: [Signature]

REPORT#: 98-5419-E

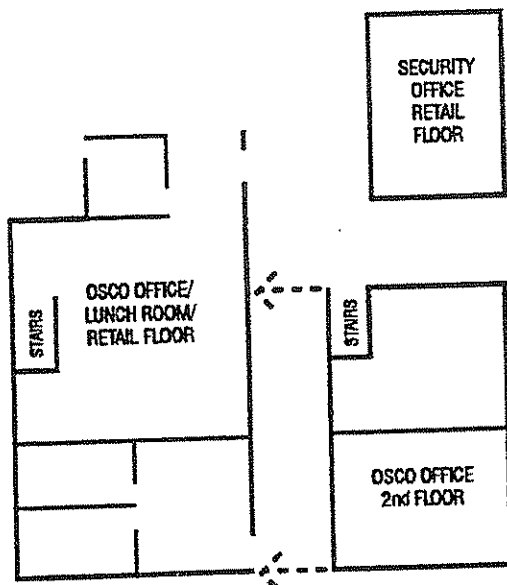
LOCATION MAP

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.




JEWEL MEZZANINE FLOOR PLAN



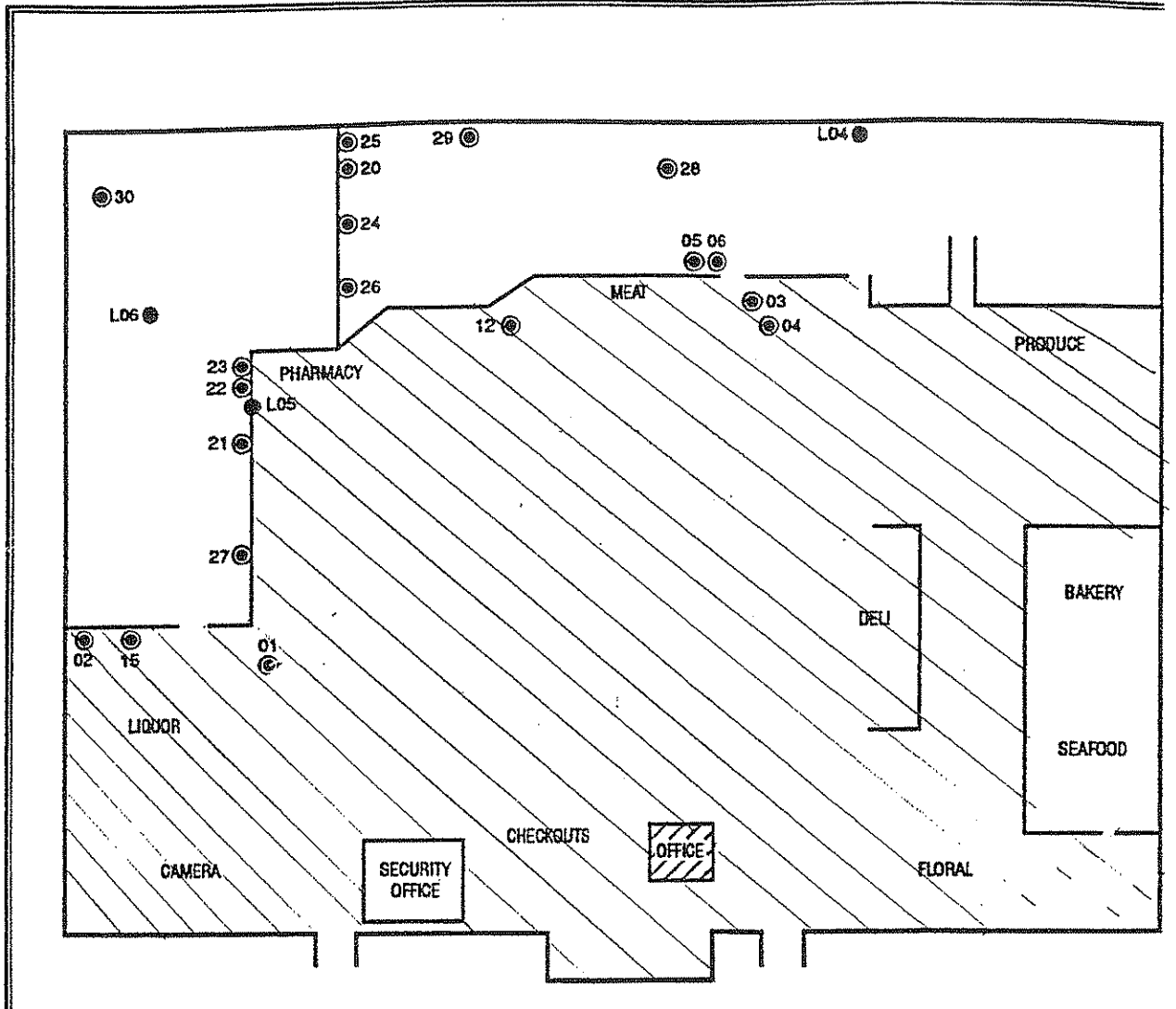
OSCO MEZZANINE FLOOR PLAN

N
NOT TO SCALE

LEGEND

Abated --  MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

| | | | | |
|--------------------------------------|----------------------------|--|---|--|
| DRAFTED BY:
PEM | CHECKED BY:
KK | PROJECT NUMBER:
70400-032-01 | FIGURE NUMBER: 2 | SECOR
1390 Willow Pass Road
Suite 360
Concord, CA
94520 |
| DWG DATE:
6/21/95 | REV. DATE:
6/30, 7/5/95 | CLIENT:
AMERICAN STORES
PROPERTIES, INC. | TITLE:
ASBESTOS SAMPLE LOCATIONS
JEWEL/OSCO - MEZZANINE FLOOR PLANS
11414 SOUTH HALSTEAD AVENUE
CHICAGO, IL | |
| FILE NAME:
ScrASPI11414ChicagoSm2 | | | | |
| | | | | |




MAIN FLOOR PLAN



NOT TO SCALE

LEGEND

Abated --  12" x 12" white with tan streaks vinyl floor tile and mastic

Abated --  MASTIC UNDERLYING 12"x12", WHITE/BEIGE WITH GREEN STREAKS, VINYL FLOOR TILE

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| DRAFTED BY:
PEM | CHECKED BY:
KK | PROJECT NUMBER:
70400-032-01 | FIGURE NUMBER:
1 | SECOR
1390 Willow Pass Road
Suite 360
Concord, CA
94520 |
| DWG DATE:
6/21/95 | REV. DATE:
7/5/95 | CLIENT:
AMERICAN STORES
PROPERTIES, INC. | TITLE:
ASBESTOS SAMPLE LOCATIONS
JEWEL/OSCO - MAIN FLOOR
11414 SOUTH HALSTEAD AVENUE
CHICAGO, IL | |
| FILE NAME:
ScrASPI11414ChicagoSm1 | | | | |

Page 1 of 10
Date: 10/10/2019
Time: 10:10:10 AM
User: Administrator
IP: 192.168.1.100
Browser: Microsoft Edge
Device: Desktop
Language: en-US
Screen Size: 1920x1080
Resolution: 1920x1080
Color Depth: 32-bit
Platform: Windows 10
OS Version: 19H2
Build: 18355.1000
Edition: Windows 10 Home
System Type: x64
Processor: Intel(R) Core(TM) i7-8750H CPU @ 2.70GHz
Memory: 16GB
Disk Space: 128GB
Network: Ethernet
Internet: Yes
Location: United States
Region: North America
City: New York
State: New York
Zip: 10001
Country: United States
Time Zone: Eastern Standard Time
Currency: USD
Language: English (United States)
Keyboard Layout: English (United States)
Default Browser: Microsoft Edge
Default Search Engine: Bing
Default Mail Client: Outlook
Default File Explorer: Windows Explorer
Default File Manager: Windows Explorer
Default File Compression: ZIP
Default File Encryption: BitLocker
Default File Sharing: SMB 3.0
Default File Transfer: OneDrive
Default File Storage: OneDrive
Default File Sync: OneDrive
Default File Backup: OneDrive
Default File Restore: OneDrive
Default File Archiving: OneDrive
Default File Compression: ZIP
Default File Encryption: BitLocker
Default File Sharing: SMB 3.0
Default File Transfer: OneDrive
Default File Storage: OneDrive
Default File Sync: OneDrive
Default File Backup: OneDrive
Default File Restore: OneDrive
Default File Archiving: OneDrive

AIR MONITORING RESULTS

Page 1 of 10
Date: 10/10/2019
Time: 10:10:10 AM
User: Administrator
IP: 192.168.1.100
Browser: Microsoft Edge
Device: Desktop
Language: en-US
Screen Size: 1920x1080
Resolution: 1920x1080
Color Depth: 32-bit
Platform: Windows 10
OS Version: 19H2
Build: 18355.1000
Edition: Windows 10 Home
System Type: x64
Processor: Intel(R) Core(TM) i7-8750H CPU @ 2.70GHz
Memory: 16GB
Disk Space: 128GB
Network: Ethernet
Internet: Yes
Location: United States
Region: North America
City: New York
State: New York
Zip: 10001
Country: United States
Time Zone: Eastern Standard Time
Currency: USD
Language: English (United States)
Keyboard Layout: English (United States)
Default Browser: Microsoft Edge
Default Search Engine: Bing
Default Mail Client: Outlook
Default File Explorer: Windows Explorer
Default File Manager: Windows Explorer
Default File Compression: ZIP
Default File Encryption: BitLocker
Default File Sharing: SMB 3.0
Default File Transfer: OneDrive
Default File Storage: OneDrive
Default File Sync: OneDrive
Default File Backup: OneDrive
Default File Restore: OneDrive
Default File Archiving: OneDrive



Hygieneering, Inc.

industrial hygiene, safety and environmental consulting services

7575 Plaza Court, Willowbrook, IL 60521
(630) 654-2550 Fax: (630) 789-3813

Air Sample Summary

Client: ASPI - 11414 HALSTED Date: 11-1-98
 Project: ACN FLOOR TILE ABAIEMENT Location: MEZZANINE # WEST COOLER
 Hours: 11:00 P -

Analytical Data

| Sample ID# | Pump # | Flow Rate (L/min) | | Sampling Event | | | Duration (minutes) | Volume (Liters) | Fibers/Field | Fibers/Cubic Centimeter | 8-Hour TWA |
|------------|--------|-------------------|------|----------------|---------|--------|--------------------|-----------------|--------------|-------------------------|------------|
| | | Pre | Post | Actual | Start 1 | Stop 1 | | | | | |
| E-1 | SKC | 2.0 | 2.0 | 2.0 | 12:57A | 2:44A | 107 | 214 | 3100 | 2.0 | N/A |
| E-2 | SKC | 2.0 | 2.0 | 2.0 | 12:56A | 2:45A | 109 | 218 | 2100 | 2.0 | N/A |
| E-3 | SKC | 2.0 | 2.0 | 2.0 | 12:57A | 2:45A | 108 | 216 | 5100 | 10 | N/A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Before Break After Break

Descriptive Information

| Sample ID# | Sample Type | Worker's Name | Social Security # | In/Out | Location | Activity | Respirator Type |
|------------|-------------|---------------|-------------------|--------|--------------------------------|----------|-----------------|
| E-1 | ENV | N/A | N/A | IN | WEST DUALTEMP COOLER WORK AREA | REM | HM |
| E-2 | ENV | N/A | N/A | OUT | MEAT MARKET COUNTER | REM | |
| E-3 | ENV | N/A | N/A | OUT | BACK END OF AISLE II | REM | |
| | | | | | | | |
| | | | | | | | |

Key To Abbreviations

| Sample Type | Location | Activity | Respirator | Calculation |
|------------------------------|-------------------------|--------------------------------|--------------------------------|---|
| BGD = Background | IN = Inside Work Area | PRCLN = Pre Clean Preparation | HM = Half Mask | f/cc = Fibers/fields/volume X 49.04 |
| ENV = Environmental | OUT = Outside Work Area | PREP = Preparation | FF = Full Face | 8 hour TWA = $C_1 \times T_1 + C_2 \times T_2 + \dots + C_n \times T_n$ / 480 |
| HEX = HEPA Exhaust | | REM = Gross Removal | P = Powered | C = Concentrations from Above (foc) |
| CL = Clearance | | GLBG = Glovebag Removal | APR = Air Purifying Respirator | T = Time per Sample from Above |
| PRS = Personnel (full shift) | | CLN = Clean (#) | SA = Supplied Air | |
| EL = 30 Min Excursion Limit | | O&M = Operations & Maintenance | N/A = Not Applicable | |

Calibration by: ARZ

Sampling by: Rick Zyk

Analysis by: SWC



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Air Sample Summary

Client: ASPI - 11414 HALSTED Date: 11-1-98
 Project #: 98-5419-E Hours: 11:00 P -
 Location: MERZANINE WEST COOLER

Analytical Data

| Sample ID# | Pump # | Flow Rate (L/min) | | Sampling Event | | | Duration (minutes) | Volume (Liters) | Fibers/Field | Fibers/Cubic Centimeter | 8-Hour TWA |
|------------|--------|-------------------|------|----------------|---------|--------|--------------------|-----------------|--------------|-------------------------|------------|
| | | Pre | Post | Actual | Start 1 | Stop 1 | | | | | |
| PR-1 | SKC | 2.0 | 2.0 | 2.0 | 1:26A | 1:26A | 30 | 6.0 | 3/100 | 102 | N/A |
| PR-2 | SKC | 2.0 | 2.0 | 2.0 | 1:26A | 2:44A | 78 | 15.6 | 4/100 | 101 | 2.01 |
| BL-1 | | | | | | | | | | | |
| BL-2 | | | | | | | | | | | |

Descriptive Information

| Sample ID# | Sample Type | Worker's Name | Social Security # | | Location | Respirator | Activity | Respirator Type |
|------------|-------------|----------------|-------------------|--------|-------------------------------------|------------|----------|-----------------|
| | | | In/Out | In/Out | | | | |
| PR-1 | EL | THOMAS WOKURKA | 320-72-6341 | IN | WEST COOLER AREA, FLOOR TILE FABRIC | HM | REM | HM |
| PR-2 | PRS | THOMAS WOKURKA | 320-72-6341 | IN | WEST COOLER AREA | APR | REM | HM |
| BL-1 | | | N/A | | | | | |
| BL-2 | BLNK | | N/A | | | | | |

Key To Abbreviations

| | | | | | | | | | |
|-----|--------------------------|-------|----------------------------|------------|----------------------------|-------------|-------------|-----|---|
| BGD | = Background | PRCLN | = Pre Clean Preparation | Respirator | HM | = Half Mask | Calculation | foc | = fibers/fields/volume X 49.04 |
| ENV | = Environmental | PREP | = Gross Removal | FF | = Full Face | P | 8 hour | = | C ₁ X T ₁ + C ₂ X T ₂ + ... C _n X T _n |
| HEX | = HEPA Exhaust | REM | = Glovebag Removal | APR | = Air Purifying Respirator | SA | TWA | = | 480 |
| CL | = Clearance | GLBG | = Clean (#) | N/A | = Supplied Air | T | C | = | Concentrations from Above (foc) |
| PRS | = Personnel (full shift) | CLN | = Operations & Maintenance | | = Not Applicable | | | = | Time per Sample from Above |
| EL | = 30 Min Excursion Limit | O&M | | | | | | | |

Calibration by: RZ Sampling by: Rich Zych Analysis by: SWC



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Air Sample Summary

Client: ASPI - 11414 HALSTED Date: 11-2-98
 Project: ACM FLOOR TILE ABATEMENT Location: EAST END JEWEL MEZZ.
 Hours: 11:00P -

Analytical Data

| Sample ID# | Pump # | Flow Rate (L/min) | | Sampling Event | | | Duration (minutes) | Volume (Liters) | Fibers/Field | Fibers/Cubic Centimeter | 8-Hour TWA |
|------------|--------|-------------------|------|----------------|---------|--------|--------------------|-----------------|--------------|-------------------------|------------|
| | | Pre | Post | Actual | Start 1 | Stop 1 | | | | | |
| PR-1 | SLC | 2.0 | 2.0 | 2.0 | 12:43A | 1:13A | 30 | 6.0 | 01100 | 104 | N/A |
| PR-2 | SLC | 2.0 | 2.0 | 2.0 | 1:13A | 4:09A | 169 | 338 | 01100 | 101 | 101 |
| BL-1 | | | | | | | | | | | |
| BL-2 | | | | | | | | | | | |

Before Break After Break

Descriptive Information

| Sample ID# | Sample Type | Worker's Name | Social Security # | In/Out | Location | Activity | Respirator Type |
|------------|-------------|---------------|-------------------|--------|--------------------------|----------|-----------------|
| PR-1 | EL | MIKE ALLEN | 330-46-7504 | IN | EAST END JEWEL MEZZanine | REM | HM |
| PR-2 | PRS | MIKE ALLEN | 330-46-7504 | IN | EAST END JEWEL MEZZanine | REM | HM |
| BL-1 | BLNK | | | | | | |
| BL-2 | BLNK | | | | | | |

Key To Abbreviations

| | | | | | | | | | |
|-----------------------------|------------------------------|-------------------------|--------------------------------|---------------------|--------------------------------|-------------------|---|---------------------------------|-------------------------------------|
| Sample Type | BGD = Background | Location | IN = Inside Work Area | Activity | PRCLN = Pre Clean | Respirator | HM = Half Mask | Calculation | f/cc = fibers/fields/volume X 49.04 |
| ENV = Environmental | HEX = HEPA Exhaust | OUT = Outside Work Area | PREP = Preparation | REM = Gross Removal | FF = Full Face | FF = Powered | C ₁ X T ₁ + C ₂ X T ₂ + ... C _n X T _n | 8 hour TWA | 480 |
| CL = Clearance | PRS = Personnel (full shift) | | GLBG = Glovebag Removal | CLN = Clean (#) | APR = Air Purifying Respirator | SA = Supplied Air | C | Concentrations from Above (fcc) | |
| EL = 30 Min Excursion Limit | | | O&M = Operations & Maintenance | | N/A = Not Applicable | | T | Time per Sample from Above | |

Calibration by: RZ

Sampling by: Rich Zych

Analysis by: SWC

Final Phase I Environmental Site Assessment Report



115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St
Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,
25-20-226-019 & 25-20-226-020

Prepared by:
Tetra Tech, Inc
1 South Wacker Drive, 37th Floor
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Prepared for:
City of Chicago
Department of Fleet and Facility Management
30 North LaSalle Street, Suite 300
Chicago, Illinois 60602

June 2014

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was conducted by Tetra Tech Inc. (Tetra Tech) for the City of Chicago, Department of Fleet and Facility Management (2FM) in accordance with the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM International Designation: E 1527-13, for the subject property located at 11414 Halsted Street, 11420 Halsted Street, 11442 Halsted Street, and 830 W. 115th Street in Chicago, Cook County, Illinois. This ESA was performed in accordance with Tetra Tech's proposal dated February 14, 2014.

The subject property is located in the northwestern quadrant of the intersection of Halsted Street and 115th Street in Chicago, and is approximately 13.17 acres in size. The subject property includes four PINs (25-20-226-017, 25-20-226-018, 25-20-226-019 and 25-20-226-020).

At the time of the site reconnaissance, the subject property consisted primarily of a vacant building with approximately 174,000 square feet located in the northern portion of the subject property and an associated concrete/ asphalt parking lot surrounding the vacant building. The building on the eastern portion of the site has been vacant since 2009. The building was being demolished during the time of the site reconnaissance. Access to the interior of the vacant building was not granted. Household garbage and debris was observed scattered and in piles throughout the subject property.

The subject property is bordered to the north by residential development, vacant vegetated land, and Popeye's Restaurant; to the east by Halsted Street, a vacant office building, McDonald's Restaurant, State Farm Insurance Company, Children's Academy, Checker's Restaurant and a Mobil Gas Station; to the south by 115th Street, two vacant lots, Walgreen's Pharmacy, and a Citgo Gas Station; and to the west by a walking path, beyond which is residential development.

Tetra Tech's review of historical information, including aerial photographs, historical topographic maps, and historical Sanborn maps indicate the subject property was vacant at least until 1975. The vacant building on the northern portion of the subject property has historically been a grocery store and mall and was constructed in 1976.

Tetra Tech performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed the following recognized environmental conditions (REC).

- Historic dry cleaners at 11414 South Halsted Street was located on the northeast corner of the subject property. The former potential use of dry cleaning solvents poses a REC to the subject property due to potential soil and groundwater impacts, as well as potential vapor migration.
- According to the aerial and Sanborn maps, Standard Oil Co. of Ind 115th Street Bulk Station operated from about 1938 to 1974 on the property south of and hydraulically upgradient to the subject property. The former bulk storage of petroleum fuels on the adjacent property poses a REC to the subject property due to potential vapor migration and potential groundwater migration.
- E.J. Brownlee at 1001 West 115th Street, located approximately 0.099 miles west southwest of and hydraulically upgradient to the subject property, reported a LUST incident in July 1998. An NFR letter was issued for this incident in April 1999. This facility represents a REC to the subject property due to vapor encroachment potential of petroleum hydrocarbons.

- Amoco 5954 at 11500 South Halsted Street is located approximately 0.002 miles southeast of and at a lower elevation than the subject property. The facility is classified as a Non-Generator and does not presently generate hazardous waste. A LUST incident was reported in November 1992 and an NFR letter was issued for this incident in September 2003. This facility is an active gas station operated by Citgo with three 10,000-gallon USTs containing gasoline. In addition, this facility is listed on the historical gas station list. Due to the proximity to the subject property, potential vapor encroachment of petroleum hydrocarbons and historical and current use as a gasoline station, this site represents a REC to the subject property.
- Mobil Carwash at 11501 South Halsted Street, located approximately 0.006 miles southeast of the subject property, reported a LUST incident in February 1999. An NFR letter was issued for this incident in November 2002. This facility is an active facility with 4,000-, 8,000-, and 12,000-gallon USTs storing gasoline. This facility is also listed on the historical gas station list. Due to the proximity to the subject property and potential vapor encroachment of petroleum hydrocarbons this site represents a REC to the subject property.
- Chicago Housing Authority at 833 W. 115 Street is located approximately 0.006 miles south of and hydraulically upgradient to the subject property. The facility is listed as a RCRA SQG with no violations reported. Hazardous materials storage facilities include ignitable hazardous wastes. In addition, a LUST incident was reported for this facility in July 1992. An NFR letter was issued for this incident in November 2010. The site was enrolled in the SRP in June 2004. An NFR letter has not been issued for this site through the SRP. The former hazardous materials storage, potential vapor encroachment, and SRP enrollment for this site pose as a REC to the subject property.
- First Cook Community Bank at 11453 South Halsted Street approximately 0.026 miles east southeast of the subject property reported a LUST incident in February 1992. An NFR letter was issued for this incident in August 1992. This facility represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons.
- Bob S Super 100 at 11525 South Halsted Street approximately 0.018 miles south of the subject property represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons.
- Historic Auto Station at 11550 South Halsted Street approximately 0.082 miles south of the subject property represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons.

Based on Tetra Tech's site visit and review of available data, Tetra Tech recommends the following:

- Tetra Tech recommends that a Phase II ESA be conducted to evaluate presence of contaminated soil and groundwater and the potential for vapor encroachment due to the historic dry cleaner on the subject property and due to the RECs on adjacent properties.

1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) for the subject property located at 11414 Halsted Street, 11420 Halsted Street, 11442 Halsted Street, and 830 W. 115th Street in Chicago, Cook County, Illinois. This ESA was performed for the City of Chicago Department of Fleet and Facility Management (2FM) in accordance with Tetra Tech’s proposal dated February 14, 2014.

1.1 PROJECT OVERVIEW

The goal of this ESA is to identify whether recognized environmental conditions (REC), historical recognized environmental conditions (HREC), controlled environmental conditions (CREC), or de minimis conditions are present on the subject property. RECs are the presence or likely presence of any hazardous substances or petroleum products in, on, or at a subject property due to release to the environment under conditions indicative of a release to the environment; under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies (Section 1.1.1 E 1527-13, ASTM International 2013). HRECs are past releases of any hazardous substances or petroleum products that have occurred in connection with the property and have been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority without subjecting the property to any required controls (Section 3.2.42 E 1527-13, ASTM 2013). CRECs are recognized environmental conditions resulting from past releases of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (Section 3.2.18 E 1527-13, ASTM 2013).

This ESA is intended to satisfy one of the requirements for the innocent landowner defense to Comprehensive Environmental Response, Compensation, and Liability Act liability: that is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice,” as defined in 42 U.S. Code Section 9601 (35)(B). The Phase I ESA is also intended to meet State of Illinois requirements of 415 ILCS 5/22.2 (j) (6) (E), the “Illinois Phase I” for the subject property.

As part of this ESA, 2FM offered no specialized knowledge regarding RECs associated with the property or any information regarding environmental liens or activity and use limitations.

This study and report has been prepared on behalf of and for the exclusive use of 2FM, solely for its use and reliance in the environmental assessment of this property. 2FM is the only party(s) that Tetra Tech has explained the risks involved and which has been involved in the shaping of the scope of services needed to satisfactorily manage those risks, if any, from 2FM's point of view.

Accordingly, reliance on this report by any other party may involve assumptions whose extent and nature lead to a distorted meaning and impact of the findings and opinions related herein. Tetra Tech's findings and opinions related in this report may not be relied upon by any party except 2FM, without the consent of 2FM and Tetra Tech; Tetra Tech may be available to contract with other parties to develop findings and opinions related specifically to such other parties' unique risk management concerns related to the property.

1.2 PROPERTY DESCRIPTION

The subject property is located in the northwestern quadrant of the intersection of Halsted Street and 115th Street in Chicago, and is approximately 13.17 acres in size. The subject property includes four PINs (25-20-226-017, 25-20-226-018, 25-20-226-019 and 25-20-226-020). Addresses for the property are: 11414 Halsted Street, 11420 Halsted Street, 11442 Halsted Street, and 830 W. 115th Street in Chicago, Cook County, Illinois

The subject property is bordered to the north by residential development, vacant vegetated land, and Popeye's Restaurant; to the east by Halsted Street, a vacant office building, McDonald's Restaurant, State Farm Insurance Company, Children's Academy, Checker's Restaurant, and a Mobil Gas Station; to the south by 115th Street, two vacant lots, Walgreen's Pharmacy, and a Citgo Gas Station; and to the west by a walking path, beyond which is residential development.

See Figure 1 for a four-way site location map and Figure 2 for a site vicinity map with the subject property parcel identification numbers.

1.3 SCOPE OF WORK

The scope of work (SOW) based on ASTM E 1527-13 Environmental Site Assessments: Phase I of the environmental site assessment process is to identify whether RECs are present on the subject property. Phase I ESAs typically are conducted in a four-phase process, including: records review; site reconnaissance; interviews with current owners, key site manager, and occupants of the subject property, and local government agencies; and preparation of a report.

Any items listed in the ASTM method that are not specifically identified as being present in the report can be assumed not to be present within the subject property or within such distance to the subject property as to be of potential concern to the subject property. Any item mentioned but not specifically identified as being a REC can be assumed not to be a REC for the subject property.

Deviations from ASTM E 1527-13 or the “Illinois Phase I” are described in Section 1.4. Report limitations are also discussed in Section 1.4. The resumes of environmental assessors conducting the site visit and preparing the report are provided in Appendix I.

In addition to the site visit, readily available resources including soil surveys, property maps, aerial photographs, United States Geological Survey (USGS) topographic maps, and regulatory records were reviewed.

The sampling and analysis of asbestos, radon, lead paint, lead-in-water, mold, soil and/or groundwater samples, and the evaluation of wetlands, indoor and/or outdoor air quality, regulatory compliance, industrial hygiene, or noise impacts were not included in the scope of this evaluation. Similarly, the identification of endangered or protected plant and animal species or historical and archaeological sites was beyond the scope of this assessment, as were the identification and evaluation of geological or geotechnical hazards.

1.4 LIMITING CONDITIONS

Tetra Tech was not granted access to the vacant building on the subject property and the building was undergoing demolition at the time of the site reconnaissance, which limited site reconnaissance efforts. In addition, no previous property owners, key site managers, or occupants of the subject property were identified for interviews, which limits the information available for review.

1.5 DATA GAPS

Tetra Tech identified the following data gaps in performance of this ESA.

No previous property owners, key site managers, and occupants of the subject property were identified for interviews, thus, these interviews were not conducted as part of this ESA.

Few regulatory agency files were provided within the time of preparation of this report. The FOIA requests were submitted on April 22, 2014 and a time period of 20 days has passed with only one FOIA response received from the Illinois Environmental Protection Agency (IEPA). The FOIA response from IEPA indicated that a notification for building demolition with asbestos containing materials was submitted to the IEPA on January 25, 2014 for the subject property. IEPA had no further information on file for the subject property.

2.0 PROPERTY OVERVIEW

This section provides a brief description of the subject property and the physical setting based on information obtained from the owner and a records review prior to the site visit. Observations regarding the current land use of the subject property and adjoining facilities made during the site reconnaissance are described in Section 5 Property Inspection

2.1 PROPERTY LOCATION AND LAND USE(S)

The subject property is currently vacant and is located within a primarily residential and industrial/commercial area. The building on the property consisted of a 106,365 square foot western portion and a 67,247 square foot eastern portion. The eastern portion of the building has been vacant since 2009, the western portion of the site has been more recently vacated. Both portions of the building were being demolished during the site reconnaissance.

2.1.1 Property Location

The subject property is located in the northwestern quadrant of the intersection of Halsted Street and 115th Street in Chicago, and is approximately 13.17 acres in size. The subject property includes four PINs (25-20-226-017, 25-20-226-018, 25-20-226-019 and 25-20-226-020).

2.1.2 Adjacent Property Locations and Land Uses

The subject property is bordered to the north by residential development, vacant vegetated land, and Popeye's Restaurant; to the east by Halsted Street and a vacant office building, McDonald's Restaurant, State Farm Insurance Company, Children's Academy, Checker's Restaurant and a Mobil Gas Station; to the south by 115th Street, two vacant lots, Walgreen's Pharmacy, and a Citgo Gas Station; and to the west by a walking path, beyond which is residential development.

See Figure 1 for a four way site location map and Figure 2 for a site vicinity map.

2.1.3 Utilities (water, sewer, power, etc.)

The property was developed as a commercial property, thus was serviced by utilities. However, utilities were not identified as part of this Phase I ESA.

2.2 PHYSICAL SETTING

2.2.1 Topography

According to the U.S. Geological Survey 7.5-minute series Blue Island, Illinois Quadrangle Topographic Map (dated 1997), the subject property is approximately 615 feet above mean sea level (MSL) with a slope east towards Lake Calumet located approximately 2.33 miles east of the subject property. Regional drainage flow is expected to be east towards Lake Calumet. At the time of the site reconnaissance, the subject property consisted primarily of a vacant building of approximately 174,000 square feet located in the northern portion of the subject property and an associated concrete/ asphalt parking lot surrounding the vacant building. The building was being demolished during the time of the site reconnaissance. Surface runoff from the subject property is expected to drain into the storm drains located in the associated concrete/asphalt parking lot.

2.2.2 Geology/Hydrogeology

According to the EDR report reviewed, the geologic stratification for the area of the subject property is in the Paleozoic Era Silurian System and Middle Silurian Series (EDR 2014). The top of the bedrock in Cook County consists almost entirely of Silurian dolomite. The porosity and permeability of the rocks is mainly the result of fractures and dissolution cavities in the dolomite. The rock itself has no matrix porosity; therefore the aquifer does not have adequate capacity for most municipal water wells. The water is recharged locally from precipitation and, where the overlying glacial materials are thin, the upper bedrock aquifer is susceptible to groundwater contamination. The Silurian bedrock is overlain by unconsolidated glacial deposits of the Carmi Member of the Equality Formation. The unconsolidated deposits are largely quiet-water lake sediments dominated by well-bedded silt and some clay (Lineback 1975). Based on Plate 2 of Circular 532, soil beneath the site is consistent with soil type E (Berg 1984). Soil type E is uniform, relatively impermeable silty or clayey till at least 50 feet thick with no evidence of interbedded sand and gravel. This type of soil has the third lowest potential for aquifer contamination.

According to the hydrologic data provided by EDR, one Federal USGS water well is located within 1 mile of the subject property and no public water supply systems were identified (EDR 2014).

Additionally, twenty wells were identified in the state database within 1 mile of the subject property (EDR 2014). Direction of groundwater flow in the area of the site was reported to be to the southeast, east and northeast in the EDR Report. The status or use of these wells is unknown.

Based on review of topographic maps, the groundwater flow is expected to be towards the east; however, surface topography does not always reflect the actual hydraulic gradient and the depth and regional groundwater flow direction may vary and be influenced by seasonal changes or local groundwater pumping patterns. Groundwater flow direction measurements would be necessary in order to determine the actual on-site direction and gradient.

2.2.3 Surface Water Bodies

No surface water bodies are present on the subject property.

2.2.4 Wetlands

Readily available data were reviewed to determine the site status with respect to wetland designation, or potential wetlands existence. Among data sources reviewed include EDR Physical Setting Map, which illustrates site conditions as reported by EDR, the National Wetlands Inventory (NWI) Map, and on-line query of the “Wetlands Interactive Mapper” made available by the U.S. Fish and Wildlife Service, National Wetlands Inventory web site. Based on Tetra Tech’s review of the listings, the subject property does not appear as a NWI listed site.

2.2.5 Flood Maps

According to the Federal Emergency Management Agency (FEMA) flood zone data provided by EDR, the subject property is located in FEMA Flood Plain Panel 17031C (EDR 2014). The subject property is not located in a 100- or 500-year flood zone.

3.0 PROPERTY BACKGROUND/OPERATING HISTORY

Historical data regarding the subject property and surrounding area were gathered to determine past uses and evaluate visible environmental issues that may constitute RECs. The following sections describe the aerial photographs, Sanborn maps, topographic maps, and city directories available for the subject property.

3.1 INTERVIEWS

The subject property is vacant. No interviewees were identified; therefore, no interviews were conducted.

3.2 REVIEW OF AERIAL PHOTOGRAPHS

Aerial photographs dated 1938, 1952, 1962, 1964, 1974, 1978, 1984, 1988, 1994, 1999, 2005, 2007, 2009, 2010, 2011, and 2012 were obtained from EDR. The aerial photographs of the subject property and the surrounding areas were reviewed in order to identify any historical land use that may have involved hazardous substances and petroleum products. Copies of the aerial photographs are included in Appendix A. A summary of this historic information on the aerial maps is as follows:

| HISTORICAL AERIAL PHOTOGRAPHIC MAP SUMMARY | | |
|--|---------------------------|--------------|
| Date | Source of Aerial | Scale |
| 1938 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows the subject property is undeveloped. Properties to the north are farmland and residential. Properties to the west include the railroad line and residences. Properties to the east are vacant or residential. The south area is developed with industrial and commercial properties. An above-ground storage tank (AST) bulk facility is evident to the south of the subject property. | | |
| 1952 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows the subject property is undeveloped, except the east side includes a building on the southeast corner and parking lot. Additional residences are present to the north. Properties to the west include the railroad line and additional residences. Properties to the east are vacant or residential. The south area is developed with industrial and commercial properties and the AST bulk facility is present to the south. | | |
| 1962 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows the subject property is undeveloped. Properties to the north are farmland and residential. Properties to the west include the railroad line and residences. Properties to the east are vacant or residential. More commercial development is evident along Halsted Street. The south area is developed with industrial and commercial properties. An AST bulk facility is evident to the south of the subject property. | | |
| 1964 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows the subject property is undeveloped. Properties to the north are farmland and residential. Properties to the west include the railroad line and residences. Properties to the east are vacant or residential. Commercial development is evident along Halsted Street. The south area is developed with industrial and commercial properties. An AST bulk facility is evident to the south of the subject property. | | |
| 1974 | EDR Aerial Decade Package | 1"=500' |

| HISTORICAL AERIAL PHOTOGRAPHIC MAP SUMMARY | | |
|---|---------------------------|--------------|
| Date | Source of Aerial | Scale |
| This aerial photograph shows the subject property is undeveloped. Properties to the north are farmland and residential. Properties to the west include the railroad line and residences. Properties to the east are vacant or residential. Commercial development is evident along Halsted Street. The south area is developed with more industrial and commercial properties. The AST bulk facility is replaced with a large building. | | |
| 1978 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. The railroad line is evident on the west border of the subject property. | | |
| 1984 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. The railroad line is evident on the west border of the subject property. | | |
| 1988 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. The railroad line on the west border of the subject property appears to be vacated. | | |
| 1994 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. | | |
| 1999 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. | | |
| 2005 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. The large buildings to the south of the subject property are no longer present. | | |
| 2007 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. New buildings are present south of the subject property. | | |
| 2009 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. | | |
| 2010 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. | | |
| 2011 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. | | |
| 2012 | EDR Aerial Decade Package | 1"=500' |
| This aerial photograph shows a large building present on the subject property. The adjacent properties are residential to the north and west, commercial to the east, commercial and industrial to the south. | | |

3.3 REVIEW OF TOPOGRAPHIC MAPS

Historical topographic maps were available for the years 1901, 1929, 1948, 1953, 1963, 1973, 1978, 1993, and 1997. Copies of the topographic maps are included in Appendix B. A summary of the historic information on the topographic maps is as follows:

| HISTORICAL TOPOGRAPHIC MAP SUMMARY | | |
|--|-----------------------------|--------------|
| Date | Topographic Map Quad | Scale |
| 1901 | Calumet | 1:62,500 |
| This topographic map shows no buildings on the map. A railroad line is present to the west of the subject property. | | |
| 1929 | Blue Island | 1:24,000 |
| This topographic map shows the subject property vacant. The adjacent railroad line to the west is labeled as Pennsylvania. No buildings are shown on the adjacent properties. | | |
| 1948 | Blue Island | 1:24,000 |
| This topographic map shows the subject property vacant. The adjacent railroad line to the west is labeled as Pennsylvania. No buildings are shown on the adjacent properties. | | |
| 1953 | Chicago Vicinity 3A | 1:24,000 |
| This topographic map shows the subject property vacant. The adjacent railroad line to the west is labeled as Pennsylvania. Five small buildings are shown on the property south of the subject property. | | |
| 1953 | Blue Island | 1:24,000 |
| This topographic map shows the subject property vacant. The adjacent railroad line to the west is labeled as Pennsylvania. Five small buildings are shown on the property south of the subject property. | | |
| 1963 | Blue Island | 1:24,000 |
| This topographic map shows one structure on the east side of the subject property bordering Halsted Street. The adjacent railroad line to the west is labeled as Pennsylvania. Several buildings are added to the property south of the subject property. | | |
| 1973 | Blue Island | 1:24,000 |
| This topographic map shows one structure on the east side of the subject property bordering Halsted Street and one small structure is on the north side of the property. The adjacent railroad line to the west is labeled as Penn Central. Two large buildings are added on the property south of the subject property. | | |
| 1978 | Blue Island | 1:24,000 |
| This topographic map shows one structure on the east side of the subject property bordering Halsted Street and one small structure is on the north side of the property. The adjacent railroad line to the west is labeled as Penn Central. Several buildings are shown on the property south of the subject property. | | |
| 1993 | Blue Island | 1:24,000 |
| This topographic map shows the current structure on the subject property. The railroad line to the west of the property appears to be vacated. The property to the south of the subject property is largely developed. | | |
| 1997 | Blue Island | 1:24,000 |
| This topographic map shows the current structure on the subject property. The railroad line to the west of the property appears to be vacated. The property to the south of the subject property is largely developed. | | |

3.4 REVIEW OF SANBORN MAPS

Sanborn maps were available for the years 1950, 1975, 1987, 1989, 1992, and 2004. Copies of the Sanborn maps are included in Appendix C. A summary of the historic information on the Sanborn maps is as follows:

| HISTORICAL SANBORN MAP SUMMARY | | |
|---|----------------------------------|---------------------------|
| Date | Source of Sanborn Map | Scale |
| 1950 | EDR Certified Sanborn Map Report | Approximately 1: 100 feet |
| This Sanborn map shows the subject property as vacant. The property to the south of the subject property is a "Standard Oil Co. of Ind 115 th Street Bulk Station." Twelve gasoline and oil tanks are evident on the south end of the southern adjacent property. The railroad line is present to the west of the subject property. | | |
| 1975 | EDR Certified Sanborn Map Report | Approximately 1: 100 feet |
| This Sanborn map shows the subject property is labelled as a golf course and parking lot with portions of a structure evident on the Sanborn map on the east side of the property along Halsted. The property south of the subject property includes a filling station on its northeast corner, a cake decorations manufacturing company, a bowling alley, and unidentified warehouses. The 115 th Street Bulk Station is no longer evident on the Sanborn Map. The railroad line is present to the west of the subject property. The properties to the east of the subject property include an office and a restaurant. Dwellings are evident to the north of the site. | | |
| 1987 | EDR Certified Sanborn Map Report | Approximately 1: 100 feet |
| This Sanborn map shows the subject property with the current layout. The date of the building on the layout is 1976. The properties to the east are commercial and a restaurant. The properties to the north are commercial along Halsted and residential. The property to the south of the subject property includes the filling station, a bowling alley, and unidentified buildings. To the west is the railroad line and residential properties. | | |
| 1989 | EDR Certified Sanborn Map Report | Approximately 1:150 feet |
| This Sanborn map shows the subject property with the current layout. The date of the building on the layout is 1976. The properties to the north are commercial along Halsted and residential. The railroad line is to the west. The properties to the south include a filling station and unidentified buildings. | | |
| 1992 | EDR Certified Sanborn Map Report | Approximately 1:150 feet |
| This Sanborn map shows the subject property with the current layout. The date of the building on the layout is 1976. The properties to the north are commercial along Halsted and residential. The railroad line that was on the west is now vacated. The properties to the south include a filling station and an unidentified building, and a building indicated as city offices. | | |
| 2004 | EDR Certified Sanborn Map Report | Approximately 1:150 feet |
| This Sanborn map shows the subject property with the current layout. The date of the building on the layout is 1976. The properties to the north are commercial along Halsted and residential. The railroad line that was on the west is vacated. The properties to the south include a filling station and an unidentified building, and a building indicated as city offices and Chicago Housing Authority. | | |

3.5 REVIEW OF CITY DIRECTORIES

A city directory search was obtained from EDR. The address 11414 S. Halsted Street, Chicago, Illinois was searched for the years 1981, 1986, 1999, 2005, 2008. Copies of the city directories are included in Appendix D. A summary of the city directories for 11414 S. Halsted Street, Chicago, Illinois is as follows:

| 11414 S. Halsted Street, Chicago, Illinois City Directory Information | | |
|--|---|---|
| Year | Uses | Source |
| 1981 | Bakery
Chef's Kitchen
Fashion Island
Stores | Reuben H. Donnelley Telephone
Reuben H. Donnelley Telephone
Reuben H. Donnelley Telephone
Reuben H. Donnelley Telephone |
| 1986 | General Merchandise
Pharmacy
Stores | Illinois Bell Telephone
Illinois Bell Telephone
Illinois Bell Telephone |
| 1999 | Jewel Osco Stores
South Osco Drug Pharmacy | Haines & Company
Haines & Company |
| 2005 | Jewel Osco Stores
Mose Victors Valet Inc.
South Osco Drug Pharmacy | Haines Company Inc.
Haines Company Inc.
Haines Company Inc. |
| 2008 | Jewel Osco
Jewel Osco 3089
Osco Drug Pharmacy
TCF National Bank
Victors Valet | Cole Information Services
Cole Information Services
Cole Information Services
Cole Information Services
Cole Information Services |

The address 11442 South Halsted Street, Chicago, Illinois was searched for the years 1981, 1986, 1999, 2005, 2008. Copies of the city directories are included in Appendix D. A summary of the city directories for 11442 South Halsted Street, Chicago, Illinois is as follows:

| 11442 South Halsted Street, Chicago, Illinois City Directory Information | | |
|---|-------------|-----------------------|
| Year | Uses | Source |
| 1999 | OK Shoes | Haines & Company Inc |
| 2005 | OK Shoes | Haines & Company Inc. |

The address 830 W. 115th Street, Chicago, Illinois was searched for the years 1981, 1986, 1999, 2005, 2008. Copies of the city directories are included in Appendix D. A summary of the city directories for 830 W. 115th Street, Chicago, Illinois is as follows:

| 830 W. 115th Street, Chicago, Illinois City Directory Information | | |
|---|---|---|
| Year | Uses | Source |
| 1981 | Bakery
Chef's Kitchen
Fashion Island
Stores | Reuben H. Donnelley Telephone
Reuben H. Donnelley Telephone
Reuben H. Donnelley Telephone
Reuben H. Donnelley Telephone |
| 1986 | General Merchandise
Pharmacy
Stores | Illinois Bell Telephone
Illinois Bell Telephone
Illinois Bell Telephone |
| 1999 | Jewel Osco Stores
South Osco Drug Pharmacy | Haines & Company
Haines & Company |
| 2005 | Jewel Osco Stores
Mose Victors Valet Inc.
South Osco Drug Pharmacy | Haines Company Inc.
Haines Company Inc.
Haines Company Inc. |
| 2008 | Jewel Osco
Jewel Osco 3089
Osco Drug Pharmacy
TCF National Bank
Victors Valet | Cole Information Services
Cole Information Services
Cole Information Services
Cole Information Services
Cole Information Services |

The address 11420 S. Halsted Street Chicago, Illinois, was not listed in research sources for any of the years searched.

The adjoining property detail of the City Directory search identified the following businesses on adjacent properties: Winsberg Mayo, residence, C.J. Gardner, Wilton Norman Office, Pillsbury Playthings, Wilton Enterprises Inc., Wilton School of Cake Decorating, Wilton Wedding Cakes, Walgreens, Shoe Fashion, and J&J Nails.

3.6 USER-PROVIDED INFORMATION

3.6.1 Environmental Lien and Activity and Use Restriction Search Results

No environmental lien and activity and use restriction search was requested by 2FM, and therefore was not performed for the subject property. A title search was not requested by 2FM and therefore was not conducted for the subject property.

3.6.2 Specialized or Actual Knowledge of User

Tetra Tech provided a questionnaire to Mr. Edward Lewis, a representative of the City of Chicago, Planning Department. Mr. Lewis completed Tetra Tech's questionnaire regarding the subject property.

The completed questionnaire did not identify any RECs, HRECs or CRECs for the site, however much of the information was marked as “unknown.” A copy of the questionnaire is provided in Appendix E.

3.6.3 Relationship of the Purchase Price to Fair Market Value

A review of the relationship of the purchase price to fair market value was not requested by 2FM.

4.0 REGULATORY REVIEW

The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with the subject property.

4.1 REGULATORY DATABASE SEARCH AND SIGNIFICANT FINDINGS

Tetra Tech contracted EDR to perform a database search of information published by the state and federal regulatory agencies for the subject property and adjacent and surrounding properties. Tetra Tech also contacted local and/or municipal agencies to determine if the subject property or nearby properties are listed as having a past or present record of actual or potential environmental impact or are under investigation for an environmental impact.

It should be noted that regulatory listings are limited and include only those sites that are known to the regulatory agencies at the time of publication to be contaminated or in the process of evaluation for potential contamination. A copy of the regulatory data obtained and reviewed for this project and a plotted site map of the regulated facilities prepared by EDR is provided in Appendix F.

The following table summarizes the results of the review of state and federal regulatory data. A discussion describing the significance of each site listing and results of its evaluation with respect to the target property follows.

Regulatory Database Listings

| Federal, State, County and Local Regulatory Listing | Search Radius (Miles) | Sites Within Minimum ASTM Designated Search Radius of Target Property (TP) | | | | |
|---|-----------------------|--|-----------|-----------------|-----------------|---------------|
| | | TP | TP to 1/8 | 1/8 to 1/4 mile | 1/4 to 1/2 mile | 1/2 to 1 mile |
| EPA NPL | 1 | 0 | 0 | 0 | 0 | 0 |
| EPA Proposed NPL | 1 | 0 | 0 | 0 | 0 | 0 |
| EPA Delisted NPL | 1 | 0 | 0 | 0 | 0 | 0 |
| EPA CERCLIS | 1/2 | 0 | 0 | 0 | 0 | NS |
| EPA CERC- NFRAP | 1/2 | 0 | 0 | 0 | 0 | NS |
| EPA CORRACTS | 1 | 0 | 0 | 0 | 0 | 1 |
| EPA RCRIS- TSD | 1/2 | 0 | 0 | 0 | 0 | NS |
| EPA RCRIS- LQG, SQG, CESQC | 1/4 | 0 | 4 | 3 | NS | NS |
| RCRA Nongen | 1/4 | 0 | 2 | 0 | NS | NS |

Regulatory Database Listings

| Federal, State, County and Local Regulatory Listing | Search Radius (Miles) | Sites Within Minimum ASTM Designated Search Radius of Target Property (TP) | | | | |
|---|-----------------------|--|-----------|-----------------|-----------------|---------------|
| | | TP | TP to 1/8 | 1/8 to 1/4 mile | 1/4 to 1/2 mile | 1/2 to 1 mile |
| EPA ERNS | TP | 0 | NS | NS | NS | NS |
| State CERCLIS | 1 | 0 | 0 | 0 | 0 | 1 |
| State Landfill | 1/2 | 0 | 0 | 0 | 0 | NS |
| IL SSU | 1 | 0 | 0 | 0 | 0 | 1 |
| LUST | 1/2 | 0 | 5 | 2 | 3 | NS |
| UST | 1/4 | 0 | 10 | 1 | NS | NS |
| SRP | 1/2 | 0 | 1 | 2 | 3 | NS |
| CONSENT | 1 | 0 | 0 | 0 | 0 | 0 |
| ROD | 1 | 0 | 0 | 0 | 0 | 0 |
| FINDS | TP | 0 | NS | NS | NS | NS |
| HMIRS | TP | 0 | NS | NS | NS | NS |
| MLTS | TP | 0 | NS | NS | NS | NS |
| MINES | 1/4 | 0 | 0 | 0 | NS | NS |
| NPL Liens | TP | 0 | NS | NS | NS | NS |
| PADS | TP | 0 | NS | NS | NS | NS |
| ODI | 1/2 | 0 | 0 | 0 | 0 | NS |
| UMTRA | 1/2 | 0 | 0 | 0 | 0 | NS |
| DOD | 1 | 0 | 0 | 0 | 0 | 0 |
| FUDS | 1 | 0 | 0 | 0 | 0 | 0 |
| INDIAN RESERV | 1 | 0 | 0 | 0 | 0 | 0 |
| US ENG CONTROLS | 1/2 | 0 | 0 | 0 | 0 | NS |
| RAATS | TP | 0 | NS | NS | NS | NS |
| TRIS | TP | 0 | NS | NS | NS | NS |
| TSCA | TP | 0 | NS | NS | NS | NS |
| FTTS | TP | 0 | NS | NS | NS | NS |
| SSTS | TP | 0 | NS | NS | NS | NS |
| ICIS | TP | 0 | NS | NS | NS | NS |
| IL NIPC | 1/2 | 0 | 0 | 0 | 0 | NS |
| DRYCLEANERS | 1/4 | 0 | 0 | 0 | NS | NS |
| IL ENG CONTROLS | 1/2 | 0 | 0 | 0 | NS | NS |
| MGP | 1 | 0 | 0 | 0 | 0 | 0 |
| Hist Gas Stations | 1/4 | 0 | 7 | 7 | NS | NS |
| Hist Dry Cleaners | 1/4 | 1 | 2 | 4 | NS | NS |
| US BROWNFIELDS | 1/2 | 0 | 0 | 0 | 0 | NS |
| IL INST CONTROL | 1/2 | 0 | 0 | 1 | 0 | NS |

Regulatory Database Listings

| Federal, State, County and Local Regulatory Listing | Search Radius (Miles) | Sites Within Minimum ASTM Designated Search Radius of Target Property (TP) | | | | |
|---|-----------------------|--|-----------|-----------------|-----------------|---------------|
| | | TP | TP to 1/8 | 1/8 to 1/4 mile | 1/4 to 1/2 mile | 1/2 to 1 mile |
| NY Manifest | 1/4 | 0 | 0 | 1 | NS | NS |
| IL BROWNFIELDS | 1/2 | 0 | 0 | 0 | 0 | NS |
| IL AIRS | TP | 0 | NS | NS | NS | NS |

| | | |
|-----------------|---|--|
| 0 | = | No sites in radius identified |
| AIRS | = | Sites with air permits or emissions information |
| CERCLIS | = | Comprehensive Environmental Response, Compensation, and Liability Information System |
| CERC – NFRAP | = | CERCLIS No Further Remedial Action Planned |
| CONSENT | = | Superfund (CERCLA) Consent Decrees |
| CORRACTS | = | RCRA Corrective Action Report |
| DOD | = | Department of Defense Sites |
| EPA | = | Environmental Protection Agency |
| ERNS | = | Emergency Response Notification System |
| ENG CONTROLS | = | Sites with Engineering Controls |
| FINDS | = | Facility Index System |
| FTTS | = | Federal Insecticide, Fungicide, and Rodenticide Act |
| FUDS | = | Formerly Used Defense Sites |
| HMIRS | = | Hazardous Materials Incident Report System |
| ICIS | = | Integrated Compliance Information System |
| IL | = | Illinois |
| IL NIPC | = | Illinois Northeastern Planning Commission Solid Waste Landfill Inventory |
| INDIAN RESERV | = | Indian Reservations |
| INST Control | = | Institutional Controls |
| LQG | = | Large Quantity Generator |
| LUST | = | Leaking Underground Storage Tank |
| MGP | = | Manufactured Gas Plant |
| MINES | = | Mines Master Index File |
| MLTS | = | Material Licensing Tracking System |
| NPL | = | National Priority List |
| NPL Liens | = | Federal Superfund Liens |
| NS | = | Not searched |
| NY | = | New York |
| ODI | = | Open Dump Inventory |
| PADS | = | PCB Activity Database Sites |
| RAATS | = | RCRA Administrative Action Tracking System |
| RCRIS TSD | = | Resource Conservation and Recovery Information System Treatment, Storage, and Disposal |
| ROD | = | Records of Decision |
| SQG | = | Small Quantity Generator |
| SRP | = | Illinois Site Remediation Program Database |
| SSTS | = | Section 7 Tracking Systems |
| SSU | = | State Response Action Program |
| TP | = | Target Property |
| TRIS | = | Toxic Release Inventory System |
| TSCA | = | Toxic Substances Control Act |
| US ENG CONTROLS | = | US Engineering Controls Sites |
| UST | = | Underground Storage Tank |

RCRA NonGen/NLR

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Non-Generators do not presently generate hazardous waste. Two sites within 0.25 miles of the subject property appear on the RCRA NonGen/NLR list.

- E.J. Brownlee at 1001 West 115th Street, located approximately 0.099 miles west southwest of and at a lower elevation than the subject property. The facility is classified as a Non-Generator and does not presently generate hazardous waste. Due to the regulatory status as a non-generator, this site does not appear to present an environmental concern to the subject property due to its RCRA generator status.
- Amoco 5954 at 11500 South Halsted Street located approximately 0.002 miles southeast of and at a lower elevation than the subject property. The facility is classified as a Non-Generator and does not presently generate hazardous waste. Due to the regulatory status as a non-generator this site does not appear to present an environmental concern to the subject property due to its RCRA generator status.

Both facilities are classified as "Non-Generator" having a description stating that the facilities are "Handler: Non-Generators do not presently generate hazardous waste." In addition, neither facility is listed as having reported violations. Based on the non-generator status and absence of reported RCRA violations, these facilities do not appear to present an environmental concern to the subject property due to the Non-Generator status.

Federal CORRACTS List

Resource Conservation and Recovery Information System (RCRIS) is the EPA database of facilities that generate, transport, treat, store, or dispose of hazardous wastes as defined by the Resource Conservation and Recovery Act (RCRA). RCRIS facilities requiring corrective actions (CORRACTS) are found on the CORRACTS list. The subject property does not appear on the CORRACTS list. One CORRACTS facility is located within 1 mile of the subject property.

- West Pullman Works – Formerly at 1015 W. 120th Street is located approximately 0.643 miles south southwest of the subject property. The facility was assigned a high corrective action priority in 1992 and 1993. The site description states that the site is an abandoned 21 acre site with high levels of PAHs with heavy metal and asbestos contamination.

Due to the distance of this site to the subject property, it does not appear to present an environmental concern to the subject property.

RCRA Generators

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste. Small quantity generators (SQGs) generated between 100 kg and 1,000 kg of hazardous waste per month, large quantity generators (LQGs) generate over 1,000 kg of hazardous waste per month, or over 1 kg of acutely hazardous waste per month, and conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste or less than 1 kg of acutely hazardous waste per month. The subject property is not listed as a RCRA SQG, LQG, or a CESQG. Five RCRA SQGs and two RCRA CESQGs are located within ¼ mile of the subject property.

- Chicago Housing Authority at 833 W. 115 Street is located approximately 0.006 miles south of and at a higher elevation than the subject property. The facility is listed as a RCRA SQG with no violations reported. Hazardous materials storage at this facility includes ignitable hazardous wastes.
- Quality Muffler at 11453 S. Halsted Street is located approximately 0.026 miles east southeast of the subject property. The facility is listed as a RCRA SQG with no violations reported. Hazardous materials storage at this facility includes ignitable hazardous wastes. This facility is at a lower elevation to the subject property.
- Roseland Auto Body at 821 W. 116th Street is located approximately 0.124 miles south southeast of the subject property. The facility is listed as a RCRA SQG with no violations. Hazardous materials storage at this facility includes ignitable hazardous wastes and non-halogenated solvents. This property is at a lower elevation than the subject property.
- Kleen Towne Cleaners at 11249 S. Halsted Street is located approximately 0.188 miles north northeast of the subject property. The facility is listed as a RCRA SQG with no violations. Hazardous materials storage at this facility includes spent halogenated solvents. This property is at a lower elevation than the subject property.
- Longs Garden Center at 11226 S. Halsted Street is located approximately 0.215 miles north northeast of the subject property. The facility is listed as a RCRA SQG with no violations reported. Hazardous materials storage at this facility includes ignitable hazardous wastes. This property is at a lower elevation than the subject property.
- Pep Boys #891 at 11550 S. Halsted Street is located approximately 0.071 miles south southeast of and at a lower elevation than the subject property. The facility is listed as a RCRA CESQG with no violations reported. Hazardous materials storage at this facility includes ignitable hazardous wastes.
- Franks Auto Repair Shop at 1119 W. 115th Street is located approximately 0.249 miles west southwest of and at a lower elevation than the subject property. The facility is listed as a RCRA CESQG with no violations. Hazardous materials storage at this facility includes ignitable hazardous wastes, spent halogenated solvents, and non-halogenated solvents.

All seven facilities described above were listed as having no reported RCRA violations. Therefore, based on distances to the subject property and lack of reported RCRA violations, the above facilities do not represent a REC to the subject property due to RCRA generator status.

State Hazardous Waste

State Hazardous Waste Sites (SHWS) records are the states' equivalent to CERCLIS or NPL, and these facilities may or may not already be listed on the federal list. The subject property does not appear on the SHWS list. One SHWS facility is located within 1 mile of the subject property.

- Dutch Boy Paints at 12042 South Peoria Street, is located approximately 0.684 miles south of and at a lower elevation than the subject property. The facility is identified as a former manufacturer of paint.

Based on the distance from the subject property, this facility does not appear to present an environmental concern to the subject property.

State LUST Sites

The IEPA compiles lists of all Leaking Underground Storage Tanks (LUST). The subject property was not identified as a LUST facility. Ten LUST incidents were identified within ½ mile of the subject property.

- Statewide Mortgage at 11501 South Racine, located approximately 0.333 miles west of the subject property, reported a LUST incident in March 2006. A No Further Remediation (NFR) letter has not yet been issued for this incident.
- E.J. Brownlee at 1001 West 115th Street, located approximately 0.099 miles west southwest of the subject property, reported a LUST incident in July 1998. An NFR letter was issued for this incident in April 1999. This facility represents a REC to the subject property due to vapor encroachment potential discussed in Section 5.4.
- Public Petroleum Corporation at 11656 South Halsted Street, located approximately 0.231 miles south southeast of the subject property, reported a LUST incident in January 1997. An NFR letter has not been issued for this incident.
- Chicago Housing Authority at 833 West 115th Street, located less than 0.006 miles south of the subject property, reported a LUST incident in July 1992. An NFR letter was issued for this incident in November 2010. This facility represents a REC to the subject property due to vapor encroachment potential discussed in Section 5.4.
- Tawil, Tawfiq at 1200 West 111th Street, located approximately 0.487 miles northwest of the subject property, reported a LUST incident in June 2003. An NFR letter was issued for this incident in July 2007.
- Amoco Oil at 11500 South Halsted Street located approximately 0.002 miles southeast of the subject property, reported a LUST incident in November 1992. An NFR letter was issued for this

incident in September 2003. This facility represents a REC to the subject property due to vapor encroachment potential discussed in Section 5.4.

- Mobil Carwash at 11501 South Halsted Street located approximately 0.006 miles southeast of the subject property, reported a LUST incident in February 1999. An NFR letter was issued for this incident in November 2002. This facility represents a REC to the subject property due to vapor encroachment potential discussed in Section 5.4.
- First Cook Community Bank at 11453 South Halsted Street approximately 0.026 miles east southeast of the subject property reported a LUST incident in February 1992. An NFR letter was issued for this incident in August 1992. This facility represents a REC to the subject property due to vapor encroachment potential discussed in Section 5.4.
- Longs Garden Center at 11226 South Halsted Street approximately 0.215 miles north northeast of the subject property reported a LUST incident in February 1998. An NFR letter was issued for this incident in February 1999.
- Sherwin Williams Paint Company at 549 115th Street approximately 0.278 miles east of the subject property reported a LUST incident in June 2008. An NFR letter has not been issued for this incident.

NFR letters were issued by IEPA for the Chicago Housing Authority, E.J. Brownlee, First Cook Community Bank, Amoco Oil and Mobil Carwash LUST incidents and no required controls were identified for the sites. However due to the date of the NFR letters being prior to 2013, vapor migration potential was not likely evaluated at these sites. Due to the close proximity of these facilities to the property (less than 0.1 mile), presence of petroleum products, date of NFR letters prior to 2013, no reported controls, and the potential for vapor encroachment from the contaminants of concern (petroleum hydrocarbons), these sites represent a REC to the subject property.

The other five facilities have reported LUST incidents. Based on the distance from the subject property, these incidents do not appear to present an environmental concern to the subject property.

State Institutional Control Registry

The State Institutional Control Registry identifies and tracks site listings with institutional controls in place. Institutional controls include legal or administrative measures, such as groundwater use restrictions, constructional restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site.

- Sheldon Heights Church of Christ, at 11819 – 11849 South Green Street, is located approximately 0.401 miles south of the subject property. The facility has a groundwater use restriction in place. A NFR was issued for this site in November 2004. Based on the status of this site and distance from the property, it does not appear to present an environmental concern to the subject property.

State Site Remediation Program

The State Site Remediation Program (SRP) was established to provide administrative, technical, and legal incentives to encourage the cleanup of contaminated sites. Six State SRP facilities were listed within one-half mile of the subject property.

- WIRA East Ingersoll at 920 West 119th Street is located approximately 0.499 miles south of and at a lower elevation than the subject property. The site was enrolled in the SRP in June 2003. An NFR has not been issued for this site; however, based on the distance from the subject property this site does not appear to present an environmental concern to the subject property.
- Chicago Housing Authority at 833 West 115th Street is located less than 0.006 miles southeast of the subject property. The site was enrolled in the SRP in June 2004. An NFR letter has not been issued for this site through the SRP. Based on the proximity to the subject property and regulatory status, this site is considered a REC to the subject property.
- Public Petroleum Corporation at 11656 South Halsted Street located approximately 0.231 miles south southeast of and at a lower elevation than the subject property. The site was enrolled in the SRP in February 1997 and no NFR has been issued for this site. However, based on the distance from the subject property, use of petroleum products, and lower elevation relative to the subject property, this site does not appear to present an environmental concern to the subject property.
- Kleene Towne Cleaners at 11249 S. Halsted Street is located approximately 0.188 miles north northeast of and at a lower elevation than the subject property. The site was enrolled in the SRP in July 2001 and an NFR has not been issued for this site. Based on the distance to the site and lower elevation, this site does not appear to present an environmental concern to the subject property.
- WIRA Study Areas 1 and 2 at 11701 S. Racine Avenue is located approximately 0.434 miles southwest of and at a lower elevation than the subject property. The site was enrolled in the SRP in June 2003 and has received an NFR letter. Based on reported regulatory status of the site and the distance from the subject property this site does not appear to present an environmental concern to the subject property.
- Sheldon Heights Church of Christ, at 11819 – 11849 South Green Street, is located approximately 0.401 miles south of and at a lower elevation than the subject property. The site was enrolled in the SRP in June 2002. An NFR was issued for this site in November 2004. Based on the reported regulatory status of this facility and the distance from the subject property, it does not appear to present an environmental concern to the subject property.

State Registered Underground Storage Tanks (USTs)

The UST database contains registered USTs. USTs are regulated under Subtitle I of the RCRA. The data comes from the Illinois State Fire Marshal's Facility List. Eleven registered UST sites were listed within 0.25 miles of the subject property.

- E.J. Brownlee at 1001 West 115th Street, located approximately 0.099 miles west southwest of the subject property and at a lower elevation, had a 3,000-gallon gasoline UST which was removed.

- Amoco Oil at 11500 South Halsted Street located approximately 0.002 miles southeast of and at a lower elevation than the subject property is an active gas station with three 10,000-gallon USTs containing gasoline.
- Mobil Carwash at 11501 South Halsted Street located approximately 0.006 miles southeast of the subject property, and at a lower elevation. This facility is an active facility with 4,000-, 8,000-, and a 12,000-gallon USTs storing gasoline.
- Longs Garden Center at 11226 South Halsted Street approximately 0.215 miles north northeast of the subject property and is at a lower elevation. This site had a 1,000-gallon gasoline UST removed.
- Chicago Housing Authority Warehouse at 833 West 115th Street is located less than 0.006 miles southeast of the subject property. One 550 gallon used oil tank was removed in February 1991.
- Former Chicago Housing Authority at 901 W. 115th Street is located approximately 0.006 miles southeast from and at a lower elevation than the subject property. One pre-1973 3,000 gallon heating oil tank is reported at the site and the UST status is exempt from regulation. No incidents have been reported.
- McDonald's Corporation at 11421 S. Halsted Street is located approximately 0.007 miles east northeast of the subject property and at a lower elevation. One pre-1973 1,150 gallon heating oil tank is reported at the site and the UST status is exempt from regulation. No incidents have been reported.
- 0415 Clark Service Station at 11525 S. Halsted Street is located approximately 0.018 miles southeast of the subject property and at a lower elevation. One 10,000-gallon and two 5,000-gallon gasoline tanks were removed and the facility status is closed.
- Former Quality Muffler Shop at 11453 S. Halsted Street is located approximately 0.026 miles east southeast of the subject property and at a lower elevation. Five gasoline USTs and one used oil UST were removed.
- Whitmal Oil Service, Inc. at 11328 S. Halsted Street is located approximately 0.087 miles north northeast of the subject property and at a lower elevation. Two 4,000 gallon USTs were removed in September 1998.
- Devotion Unisex Beauty Salon is located approximately 0.121 miles north northeast of the subject property and at a lower elevation. One pre-1973 500 gallon heating oil UST is exempt from regulation.

Although USTs are located at the E.J. Brownlee, Amoco, Mobil, and Former City of Chicago Housing Authority properties which are adjacent to the subject property, these sites are not considered RECs due to presence of USTs and no violations reported. As noted in Section 5.4, the E.J. Brownlee, Amoco, Mobil, and Former City of Chicago Housing Authority sites are considered RECs due to potential vapor migration from LUSTs. The Former Quality Muffler Shop at 11453 S. Halsted Street is identified in the

LUST section as the First Cook Community Bank property and is considered a REC due to potential vapor migration from the LUST.

Historic Gas Stations

The historic auto station list identified 14 historic auto station sites within approximately 0.25 miles of the subject property. The following is a list of the properties and the distances from the subject property, all of which are reported to be at a lower elevation than the subject property.

| | | | |
|------------------------------|---|---------------------------------|----------------|
| • Novak Chas | W | 11500 S Halsted | 0-1/8 mile |
| • Not reported | | 11500 S Halsted St | 0-1/8 mile |
| • G&Z Amoco | | 11500 S Halsted St | 0-1/8 mile |
| • Not reported | | 11501 S Halsted St | 0-1/8 mile |
| • Bob S Super 100 | | 11525 S Halsted Pkwy | 0-1/8 mile |
| • Not reported | | 11550 S Halsted St | 0-1/8 mile |
| • Not reported | | 821 W 116 th St | 0-1/8 mile |
| • Midas Auto Service Experts | | 11641 S Halsted St | 1/8 – 1/4 mile |
| • Not reported | | 11641 S Halsted St | 1/8 – 1/4 mile |
| • B and G service station | | 11656 S Halsted Pkwy | 1/8 – 1/4 mile |
| • Phillips | | 11656 S Halsted | 1/8 – 1/4 mile |
| • Car X auto Service | | 11203 S. Halsted St | 1/8 – 1/4 mile |
| • Not reported | | 11200 S Halsted St | 1/8 – 1/4 mile |
| • Franks Auto Repair Shop | | 1119 W 115 th St Cir | 1/8 – 1/4 mile |

The subject property is not on the historic auto station list. Because of the historical presence of gas stations adjacent to the subject property, the properties at 11500 S. Halsted, 11501 S. Halsted, 11525 S. Halsted and 11550 S. Halsted are considered to represent RECs to the subject property.

Historic Cleaners

The historic dry cleaner site list identified 7 historic dry cleaner sites within approximately 0.25 miles of the subject property. The following is a list of the properties and the distances from the subject property, all of which are reported to be at a lower elevation than the subject property. One historic dry cleaner site is identified as on the subject property.

| | | | |
|-----------------------|--|----------------------|---------------------------|
| • Not reported | | 11414 S Halsted St | 0 mile – subject property |
| • Pridjian K A and Co | | 11600 S Halsted Pkwy | 0-1/8 mile |
| • Pridjian K A and Co | | 11600 S Halsted St | 0-1/8 mile |
| • Not reported | | 11306 S Union Ave | 1/8 – 1/4 mile |
| • Not reported | | 11251 S Halsted St | 1/8 – 1/4 mile |
| • Kleen Towne Clnrs | | 11249 S Halsted St | 1/8 – 1/4 mile |
| • Kleen Towne Clnrs | | 11249 S Halsted Pkwy | 1/8 – 1/4 mile |

The subject property is on the historic dry cleaner site list and therefore represents a REC to the subject property.

4.2 FREEDOM OF INFORMATION ACT (FOIA) REQUESTS AND SIGNIFICANT FINDINGS

On April 22, 2014, Tetra Tech submitted FOIA requests to the IEPA and the City of Chicago Department of Health regarding the subject property. As noted under ASTM, information requested and not received within 20 days after the request date (May 12, 2014) will not be incorporated into this report. FOIA responses received by Tetra Tech at a later date will be submitted under separate cover as an Addendum to the Phase I ESA report.

4.2.1 Illinois Environmental Protection Agency (IEPA)

Tetra Tech submitted a FOIA request to the IEPA. The FOIA response from IEPA indicated that a notification for building demolition with asbestos containing materials was submitted to the IEPA on January 25, 2014 for the subject property. IEPA had no further information on file for the subject property. A copy of the FOIA request and response is included in Appendix G of this report.

4.2.2 City of Chicago (Department of Health)

Tetra Tech submitted a FOIA request to the City of Chicago Department of Health. To date a response has not been received by the City of Chicago Department of Health. A copy of the FOIA request is included in Appendix G of this report.

4.2.3 Other Local Governments/Agencies

No additional local governments or agencies were contacted.

5.0 PROPERTY INSPECTION

5.1 PROPERTY RECONNAISSANCE

The property and area reconnaissance was performed to identify obvious visual indications of present or past activities that have or could have contaminated the target property. The site reconnaissance was conducted on foot, unless otherwise noted. The property and area reconnaissance was conducted by Mr. Lance Summers of Tetra Tech on April 25, 2014. Maps which illustrate the general location and configuration of the site are presented as Figures 1 and 2, respectively. Property and area reconnaissance photographs are provided in Appendix H.

At the time of the site reconnaissance, the subject property consisted primarily of a vacant building with approximately 174,000 square feet located in the northern portion of the subject property and an associated concrete/ asphalt parking lot surrounding the vacant building. The building was being demolished during the time of the site reconnaissance. Access to the interior of the vacant building was not granted. Household garbage and debris was observed scattered and in piles throughout the subject property.

5.1.1 Hazardous/Petroleum Products

One small container of automotive fuel was observed on site during the time of the site reconnaissance. The fuel container was being used by the company conducting the vacant building demolition. No large quantities of hazardous materials or hazardous wastes were observed on the subject property at the time of Tetra Tech's site reconnaissance.

5.1.2 Tanks/Vents/Fill Pipes

No underground or aboveground storage tanks were observed on the subject property. No evidence of past or present underground storage tanks, such as vents or fill pipes, were observed on the subject property.

5.1.3 Building Foundations

At the time of the site reconnaissance, the subject property consisted primarily of a vacant building with the associated building foundation present.

5.1.4 Odors and Staining

No unusual odors were observed during Tetra Tech's site reconnaissance of the subject property. No staining was observed on visible portions of the ground of the subject property.

5.1.5 Drums/Other Containers

No drums or other large containers were observed on the subject property at the time of Tetra Tech's reconnaissance. Tetra Tech observed one small container of automotive fuel on site during the time of the site reconnaissance; however, it was associated with the demolition company actively working at the property.

5.1.6 Debris

Solid waste consisting primarily of household waste was observed throughout the target property. Tetra Tech also observed debris consistent with the demolition of the vacant building.

5.1.7 ACM

The vacant building on the subject property is believed to have been constructed in the year 1976. According to the FOIA request, the vacant building contained asbestos containing materials (ACM). Access to the interior of the building was not granted for the site reconnaissance.

5.1.8 Transformers

Electrical transformers are often a source of environmental concern due to the potential presence of polychlorinated biphenyl (PCB)-containing cooling oils used in some units. There is one ground-mounted transformer on the north side of the property. The transformer was not specifically marked as containing PCBs or as being PCB-free. The transformer appeared to be in good condition and showed no signs of leakage; therefore Tetra Tech determined that it does not pose an environmental threat to the property.

5.1.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

5.1.10 Other Notable Features

No other notable features were observed on the subject property.

5.2 BUILDING INSPECTION (IF REQUESTED)

No building inspection was requested by 2FM, therefore, no building inspection was performed.

5.3 ADJACENT PROPERTIES RECONNAISSANCE

An adjacent property reconnaissance was performed to identify obvious visual indications of present or past activities that have or could have contaminated the subject property. The area reconnaissance was conducted by automobile, and/or on foot, unless otherwise noted. The subject property is bordered to the north by residential development, vacant vegetated land, and Popeye's Restaurant; to the east by Halsted Street, a vacant office building, McDonald's Restaurant, State Farm Insurance Company, Children's Academy, Checker's Restaurant and a Mobil Gas Station; to the south by 115th Street, two vacant lots, Walgreen's Pharmacy, and a Citgo Gas Station; and to the west by a walking path, beyond which is residential development.

5.3.1 Hazardous/Petroleum Products

USTs and associated vents were identified at the Citgo Gas Station and the Mobil Gas Station located southeast of the subject property.

5.3.2 Tanks/Vents/Fill Pipes

USTs and associated vents were identified at the Citgo Gas Station and the Mobil Gas Station located south and southeast of the subject property.

5.3.3 Building Foundations

The adjacent properties that contained buildings had associated building foundations. No building foundations were observed on the vacant properties.

5.3.4 Odors/Staining etc.

No unusual odors were noticed at the time of Tetra Tech's site reconnaissance.

5.3.5 Drums/Other Containers

No drums or other large containers were observed on visible portions of adjacent properties.

5.3.6 Debris

No debris was observed on visible portions of adjacent properties.

5.3.7 Transformers

No transformers were observed on visible portions of adjacent properties.

5.3.8 Stressed Vegetation

No stressed vegetation was observed on visible portions of adjacent properties.

5.3.9 Other Notable Features

No other notable features were observed on visible portions of adjacent properties.

5.4 VAPOR ASSESSMENT

Tetra Tech completed an initial vapor encroachment screen to determine if a vapor encroachment condition (VEC) exists in the subsurface below any existing structures at the subject property from hazardous substances, petroleum, and petroleum products that can include volatile organic compounds (VOC), semivolatile organic compounds (SVOC), and inorganic volatile compounds. The Tier 1 non-invasive vapor encroachment screen was performed for the chemicals of concern and the approximate recommended minimum search distances included in ASTM E 2600-10, *Standard Guide for Vapor Encroachment Screening on Sites Involved in Real Estate Transactions*. The following minimum search distances are outlined in ASTM E 2600-10 (ASTM 2010).

| Area of Concern | | |
|--|---------------------------------|---|
| Approximate Minimum Search Distances Surrounding the Subject Property | | |
| (miles) | | |
| Standard Environmental Record Sources
(where available) | Chemicals of
Concern | Petroleum Hydrocarbon
Chemicals of Concern |
| Federal NPL | 0.33 | 0.1 |
| Federal CERCLIS | 0.33 | 0.1 |
| Federal RCRA CORRACTS | 0.33 | 0.1 |
| Federal RCRA non-CORRACTS TSD | 0.33 | 0.1 |
| Federal RCRA Generators | Subject Property Only | Subject Property Only |
| Federal Institutional Control/Engineering Control | Subject Property Only | Subject Property Only |
| Federal ERNS | Subject Property Only | Subject Property Only |
| State and Tribal-equivalent NPL | 0.33 | 0.1 |
| State and Tribal-equivalent CERCLIS | 0.33 | 0.1 |
| State and Tribal Landfill or Solid Waste Disposal Sites | 0.33 | 0.1 |
| State and Tribal LUST | 0.33 | 0.1 |
| State and Tribal UST | Subject Property Only | Subject Property Only |
| State and Tribal Institutional Control/Engineering Control | Subject Property Only | Subject Property Only |
| State and Tribal Voluntary Cleanup | 0.33 | 0.1 |
| State and Tribal Brownfield | 0.33 | 0.1 |

Based on the results of the initial vapor encroachment screening, 8sites potentially contaminated with chemicals of concern are identified in the EDR report as being within the minimum search distances for the Tier 1 vapor encroachment screen. Appendix F contains the vapor intrusion screen report.

| Site Name | Site Address | Distance (mile)
Topographic Location
Relative to the Subject
Property | Chemicals of Concern |
|------------------------------|--------------------------------|--|------------------------|
| E.J. Brownlee | 1001 W. 115 th St. | 0.099/west-southwest | Petroleum Hydrocarbons |
| Amoco Oil | 11500 S. Halsted St. | 0.002/southeast | Petroleum Hydrocarbons |
| Mobil Carwash | 11501 S. Halsted St. | 0.006/west-southwest | Petroleum Hydrocarbons |
| First Cook Community Bank | 11453 S. Halsted St. | 0.026/east-southeast | Petroleum Hydrocarbons |
| Chicago Housing Authority | 833 West 115 th St. | 0.006/west-southwest | Petroleum Hydrocarbons |
| Bob S Super 100 | 11525 S. Halsted St. | 0.018/southeast | Petroleum Hydrocarbons |
| Historic Auto Station | 11550 S. Halsted St. | 0.082/southeast | Petroleum Hydrocarbons |
| Standard Oil Co. of Indiana* | 115 Street Bulk Station | Adjacent/south | Petroleum Hydrocarbons |

Note: * Although this site was not identified in the regulatory database search, the site was noted on the aerial and Sanborn Maps provided for the subject property.

This initial vapor encroachment screening has identified a VEC for the subject property.

6.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase I Environmental Site Assessment (ESA) was conducted by Tetra Tech for the City of Chicago Department of Fleet and Facility Management (2FM) in accordance with the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM International Designation: E 1527-13, for the subject property located at 11414 Halsted Street, 11420 Halsted Street, 11442 Halsted Street, and 830 W. 115th Street in Chicago, Cook County, Illinois. This ESA was performed for the 2FM in accordance with Tetra Tech's proposal dated February 14, 2014.

The subject property is located in the northwestern quadrant of the intersection of Halsted Street and 115th Street in Chicago, and is approximately 13.17 acres in size. The subject property includes four PINs (25-20-226-017, 25-20-226-018, 25-20-226-019 and 25-20-226-020). The site includes the following addresses: 11414 Halsted Street, 11420 Halsted Street, 11442 Halsted Street, and 830 W. 115th Street in Chicago, Cook County, Illinois.

At the time of the site reconnaissance, the subject property consisted primarily of a vacant building with approximately 174,000 square feet located in the northern portion of the subject property and an associated concrete/ asphalt parking lot surrounding the vacant building. The building was being demolished during the time of the site reconnaissance. Access to the interior of the vacant building was not granted. Household garbage and debris were scattered and in piles throughout the subject property.

The subject property is bordered to the north by residential development, vacant vegetated land, and Popeye's Restaurant; to the east by Halsted Street, a vacant office building, McDonald's Restaurant, State Farm Insurance Company, Children's Academy, Checker's Restaurant and a Mobil Gas Station; to the south by 115th Street, two vacant lots, Walgreen's Pharmacy, and a Citgo Gas Station; and to the west by a walking path, beyond which is residential development.

Tetra Tech's review of historical information, including aerial photographs, historical topographic maps, and historical Sanborn maps indicate the subject property has undeveloped until at least 1952 and was used as a golf course sometime between 1952 and 1975. The property was later developed into a commercial shopping center in 1976 and operated until recently when the building was vacated. During the site reconnaissance (April 25, 2014), the building was being demolished.

Tetra Tech performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of the subject property. Any exceptions to, or deletions from, this practice are described in

Section 1.4 of this report. This assessment has revealed the following recognized environmental conditions (REC).

- Historic dry cleaners at 11414 South Halsted Street was located on the northeast corner of the subject property. The former potential use of dry cleaning solvents poses a REC to the subject property due to potential soil and groundwater impacts, as well as potential vapor migration.
- According to the aerial and Sanborn maps, Standard Oil Co. of Ind 115th Street Bulk Station operated from about 1938 to 1974 on the property south of and hydraulically upgradient to the subject property. The former bulk storage of petroleum fuels on the adjacent property poses a REC to the subject property due to potential vapor migration and groundwater migration.
- E.J. Brownlee at 1001 West 115th Street, located approximately 0.099 miles west southwest of and hydraulically upgradient to the subject property, reported a LUST incident in July 1998. An NFR letter was issued for this incident in April 1999. This facility represents a REC to the subject property due to vapor encroachment potential of petroleum hydrocarbons.
- Amoco 5954 at 11500 South Halsted Street located approximately 0.002 miles southeast of and at a lower elevation than the subject property. The facility is classified as a Non-Generator and does not presently generate hazardous waste. A LUST incident was reported in November 1992 and an NFR letter was issued for this incident in September 2003. This facility is an active gas station operated by Citgo with three 10,000-gallon USTs containing gasoline. In addition, this facility is listed on the historical gas station list. Due to the proximity to the subject property, potential vapor encroachment of petroleum hydrocarbons and historical and current use as a gasoline station, this site represents a REC to the subject property.
- Mobil Carwash 11501 South Halsted Street located approximately 0.006 miles southeast of the subject property, reported a LUST incident in February 1999. An NFR letter was issued for this incident in November 2002. This facility is an active facility with 4,000-, 8,000-, and 12,000-gallon USTs storing gasoline. This facility is also listed on the historical gas station list. Due to the proximity to the subject property and potential vapor encroachment of petroleum hydrocarbons this site represents a REC to the subject property.
- Chicago Housing Authority at 833 W. 115 Street is located approximately 0.006 miles south of and hydraulically upgradient to the subject property. The facility is listed as a RCRA SQG with no violations reported. Hazardous materials storage facilities include ignitable hazardous wastes. In addition, a LUST incident was reported for this facility in July 1992. An NFR letter was issued for this incident in November 2010. The site was enrolled in the SRP in June 2004. An NFR letter has not been issued for this site through the SRP. The former hazardous materials storage, potential vapor encroachment and SRP enrollment for this site pose as a REC to the subject property.
- First Cook Community Bank at 11453 South Halsted Street approximately 0.026 miles east southeast of the subject property reported a LUST incident in February 1992. An NFR letter was issued for this incident in August 1992. This facility represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons.
- Bob S Super 100 at 11525 South Halsted Street approximately 0.018 miles south of the subject property represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons.
- Historic Auto Station at 11550 South Halsted Street approximately 0.082 miles south of the subject property represents a REC to the subject property due to potential vapor encroachment of petroleum hydrocarbons.

Based on Tetra Tech's site visit and review of available data, Tetra Tech recommends the following:

- Tetra Tech recommends that a Phase II ESA be conducted to evaluate presence of contaminated soil and groundwater and the potential for vapor encroachment due to the historic dry cleaner on the subject property and due to the RECs on adjacent properties.

7.0 CERTIFICATION/SIGNATURE

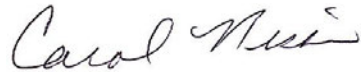
I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

TETRA TECH



Lance Summers
Environmental Scientist

TETRA TECH



Carol Nissen
Project Manager

8.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

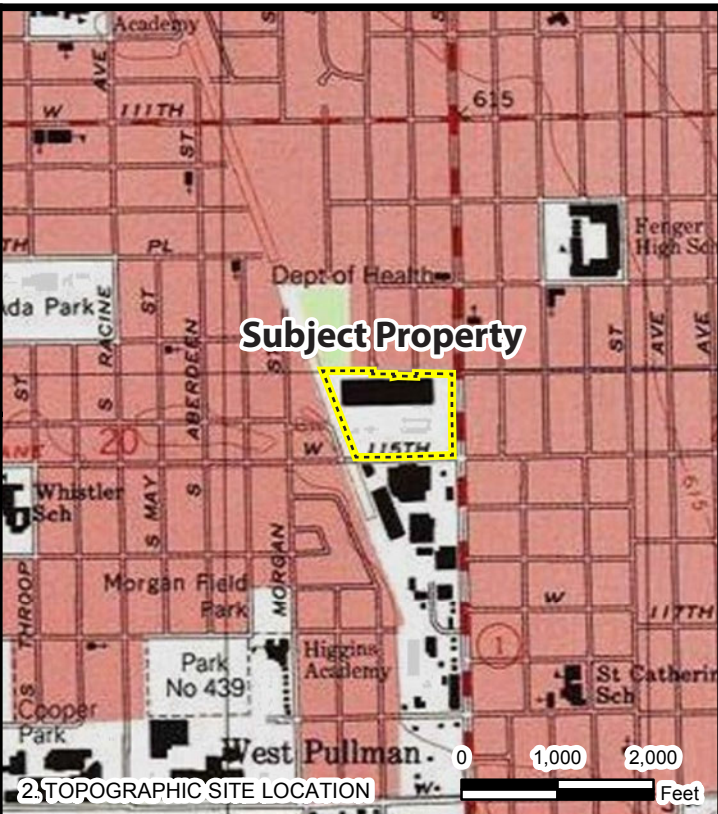
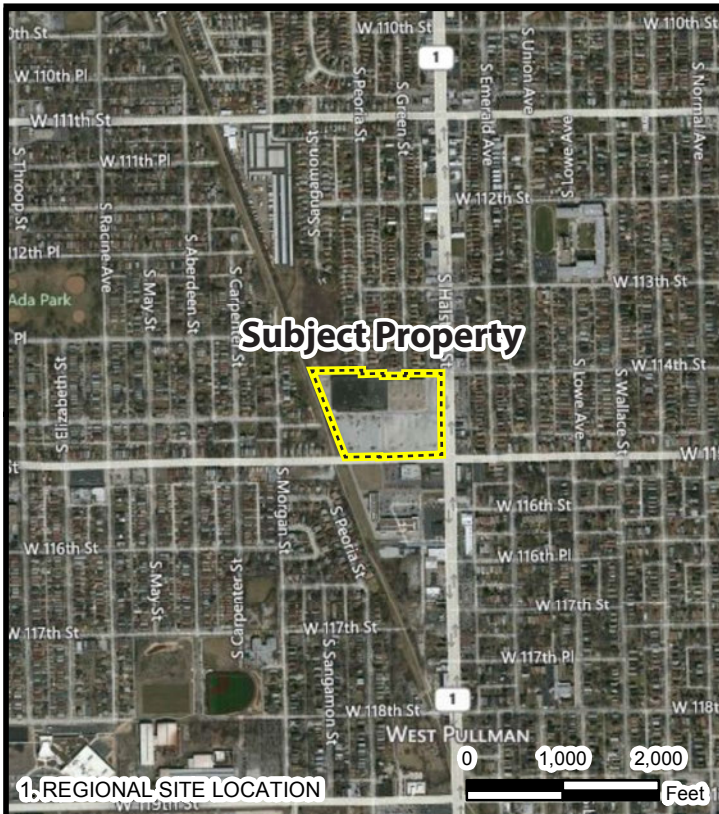
This report was prepared by Tetra Tech, Inc. under the supervision of Project Manager, Carol Nissen. Lance Summers was the principal investigator. The findings, recommendations, specifications, and professional opinions presented in this report were prepared in accordance with generally accepted professional practice, and within the scope of the project. There is no other warranty, either express or implied. The qualifications of the environmental professionals named above are in Appendix I.

9.0 REFERENCES

- ASTM International (ASTM), 2010. E2600-10, Standard Guide for Vapor Encroachment Screening on Sites Involved in Real Estate Transactions.
- ASTM. 2013. E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- Berg, Kempton, and Cartwright. 1984. "Potential for Contamination of Shallow Aquifers in Illinois." Illinois State Geological Survey (ISGS). Circular 532.
- Environmental Data Resources Inc. (EDR), 2014. Basic Environmental Data Search, Historic Aerial Package and Sanborn Map Abstracts. April
- Lineback, Jerry A. 1975. "Quaternary Deposits of Illinois."

FIGURES

- 1 4-Way Site Location Map
- 2 Site Vicinity Map



 Approximate Property Boundary



MAP 1 SOURCE: BING MAPS ROAD, 2012.
 MAP 2 SOURCE: MODIFIED FROM USGS, BLUE ISLAND, IL 2002.
 MAP 3 SOURCE: BING MAPS HYBRID, 2011-2012.
 MAP 4 SOURCE: BING MAPS HYBRID, 2011-2012.

11414 S. HALSTED ST., 11420 S. HALSTED ST.,
 11442 S. HALSTED ST., AND 830 W. 115TH ST.
 CHICAGO, ILLINOIS


FIGURE 1
4-WAY SITE LOCATION MAP

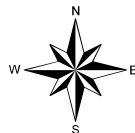



Date Saved: 5/30/2014 1:19:18 PM User: matt.villicana Path: C:\Users\matt.villicana\Desktop\115thAndHalstem_2.mxd



LEGEND

 Approximate Property Boundary



0 100 200
 Feet

11414 S. HALSTED ST., 11420 S. HALSTED ST.,
11442 S. HALSTED ST., AND 830 W. 115TH ST.
CHICAGO, ILLINOIS

FIGURE 2
SITE VICINITY MAP



SOURCE: MODIFIED FROM BING MAPS HYBRID, 2012.

TABLES

- 1 Table of RECs On-Site
- 2 Table of RECs Off-Site

**TABLE 1
RECs ON SITE**

| Pin # | Address | Acreage | Current/Historic Land Uses | RECs | COCs | Pathways |
|---|---|---------|--------------------------------------|--------------|---|--|
| PINs:
25-20-226-017,
25-20-226-018,
25-20-226-019 &
25-20-226-020 | 11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115 th St Chicago, Illinois | 13.17 | Vacant/ Golf Course/ Shopping Center | None | None | None |
| unk | 11414 Halsted St | unknown | Vacant/Historic Dry Cleaners | Dry Cleaning | Volatile organic compounds/dry cleaning chemicals | Vapor Encroachment, Soil ingestion/inhalation, Groundwater ingestion, Construction Worker ingestion/inhalation |

**TABLE 2
RECs OFF SITE**

| Address | Distance (miles) | Current/Historic Land Uses | RECs | COCs | Pathways |
|------------------------------------|------------------|---|---|--------------------|---|
| 115 th Street | 0.025 | Standard Oil Co. bulk petroleum storage | Bulk Petroleum Storage | Petroleum products | Vapor Encroachment/ Groundwater Ingestion |
| 1001 West 115 th Street | 0.099 | E.J. Brownlee | LUST incident | Petroleum products | Vapor Encroachment |
| 11500 South Halsted Street | 0.002 | Amoco 5954 | LUST incident, active gas station, historical gas station | Petroleum products | Vapor Encroachment |
| 11501 South Halsted Street | 0.006 | Mobil Carwash | LUST incident, active gas station, historical gas station | Petroleum products | Vapor Encroachment |

| Address | Distance (miles) | Current/Historic Land Uses | RECs | COCs | Pathways |
|---------------------------------|------------------|----------------------------|--|---|--|
| 833 W. 115 th Street | 0.006 | Chicago Housing Authority | LUST incident, hazardous materials storage, SRP enrollment | Petroleum products, ignitable hazardous wastes, other unknown | Vapor Encroachment, soil ingestion/inhalation, Groundwater ingestion |
| 11453 South Halsted Street | 0.026 | First Cook Community Bank | LUST incident | Petroleum products | Vapor Encroachment |
| 11525 South Halsted Street | 0.018 | Bob S Super | Historic Auto Station | Petroleum products | Vapor Encroachment |
| 11550 South Halsted Street | 0.082 | Historic Auto Station | Historic Auto Station | Petroleum products | Vapor Encroachment |

APPENDIX A
AERIAL PHOTOGRAPHS



Chicago 115th and Halsted

830 W. 115th Street

Chicago, IL 60643

Inquiry Number: 3921318.9

April 24, 2014

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography April 24, 2014

Target Property:

830 W. 115th Street

Chicago, IL 60643

| <u>Year</u> | <u>Scale</u> | <u>Details</u> | <u>Source</u> |
|-------------|-----------------------------------|---|---------------|
| 1938 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1938 | EDR |
| 1952 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1952 | EDR |
| 1962 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1962 | EDR |
| 1964 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1964 | EDR |
| 1974 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1974 | EDR |
| 1978 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: October 30, 1978 | EDR |
| 1984 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1984 | EDR |
| 1988 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1988 | EDR |
| 1994 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Date: January 01, 1994 | EDR |
| 1999 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/DOQQ - acquisition dates:
March 27, 1999 | EDR |
| 2005 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Year: 2005 | EDR |
| 2007 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Year: 2007 | EDR |
| 2009 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Year: 2009 | EDR |
| 2010 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Year: 2010 | EDR |
| 2011 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Year: 2011 | EDR |
| 2012 | Aerial Photograph. Scale: 1"=500' | Panel #: 41087-F6, Blue Island, IL;/Flight Year: 2012 | EDR |



INQUIRY #: 3921318.9

YEAR: 1938

|—————| = 500'



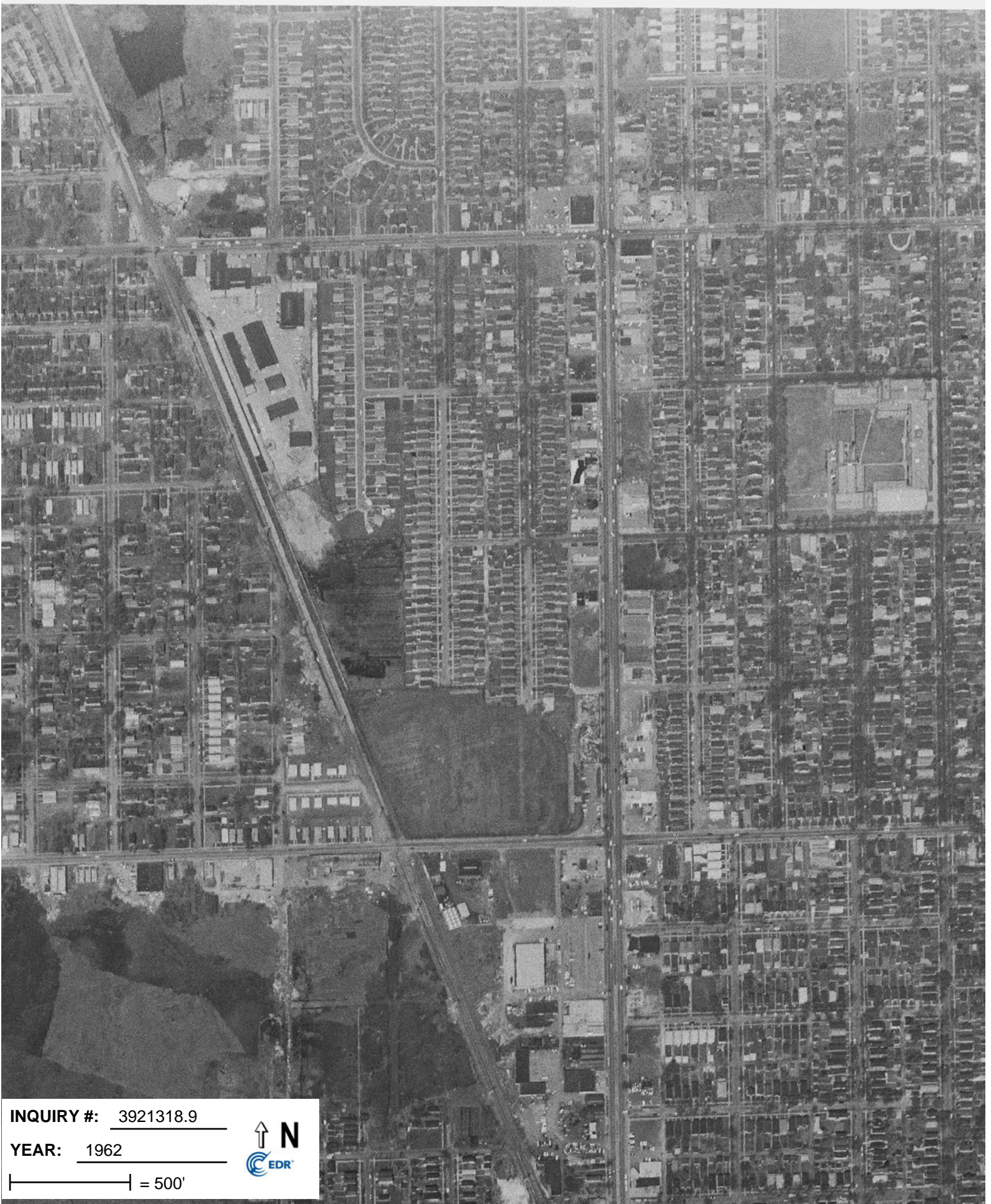


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YEAR: 1952

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INQUIRY #: 3921318.9

YEAR: 1962

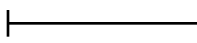
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YEAR: 1964

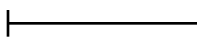
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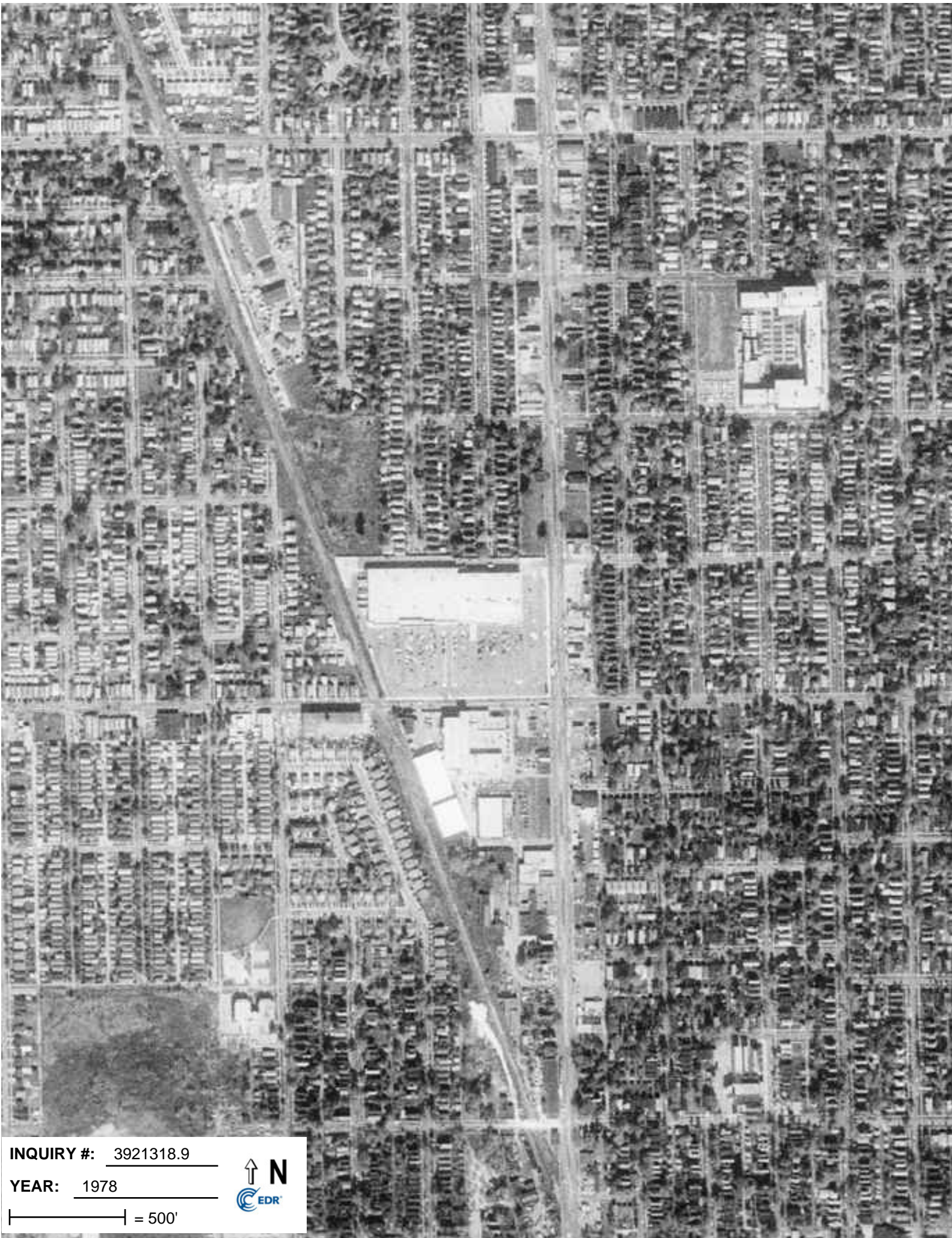


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YEAR: 1974

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INQUIRY #: 3921318.9

YEAR: 1978

— = 500'





INQUIRY #: 3921318.9

YEAR: 1984

|—————| = 500'



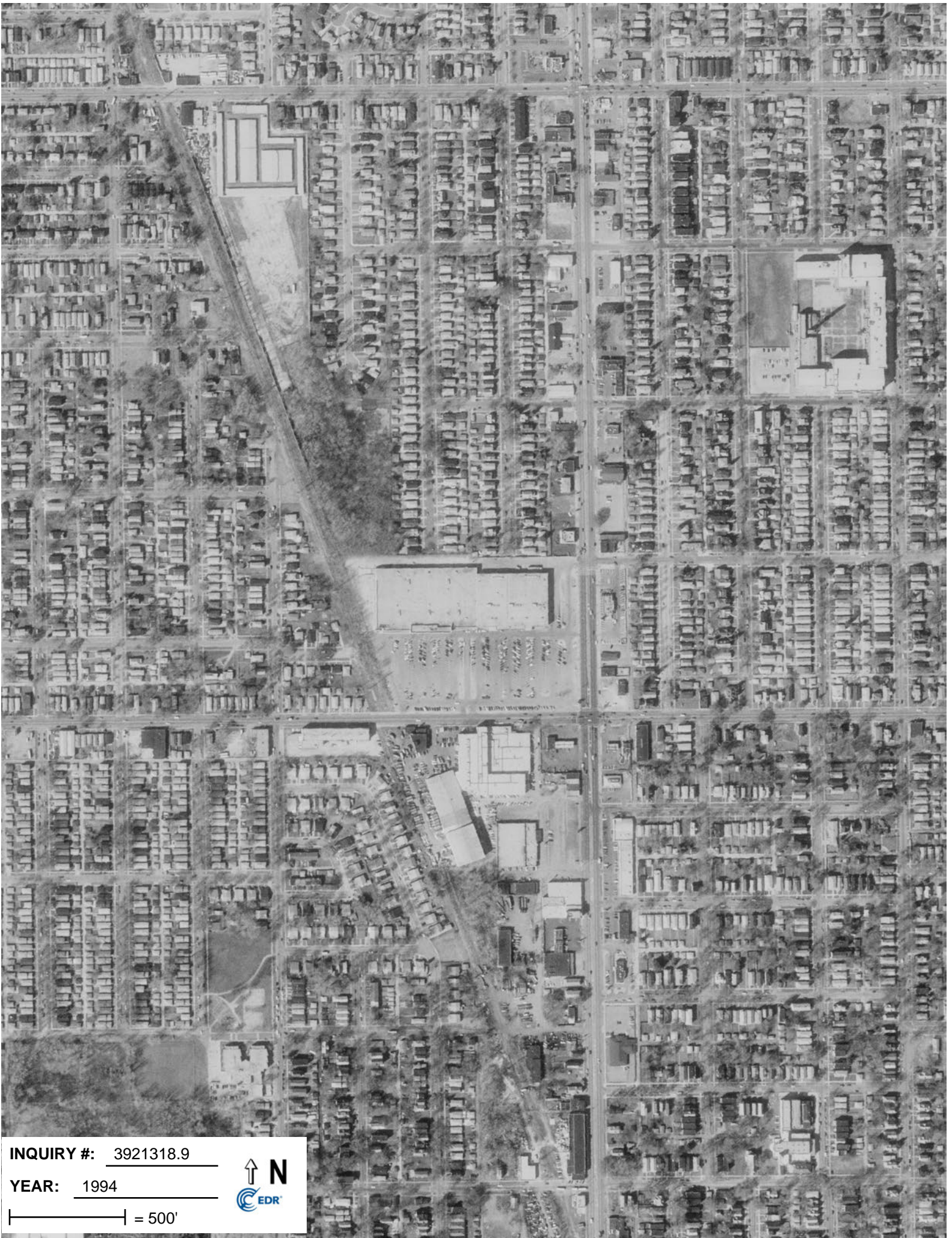


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YEAR: 1988

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INQUIRY #: 3921318.9

YEAR: 1994

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INQUIRY #: 3921318.9

YEAR: 1999

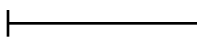


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INQUIRY #: 3921318.9

YEAR: 2005

 = 500'





INQUIRY #: 3921318.9

YEAR: 2007

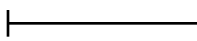
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YEAR: 2009

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YEAR: 2010

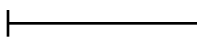
| = 500'





INQUIRY #: 3921318.9

YEAR: 2011

 = 500'





INQUIRY #: 3921318.9

YEAR: 2012

| = 500'



APPENDIX B
TOPOGRAPHIC MAPS



Chicago 115th and Halsted

830 W. 115th Street

Chicago, IL 60643

Inquiry Number: 3921318.4

April 23, 2014

EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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Please contact EDR at 1-800-352-0050
with any questions or comments.

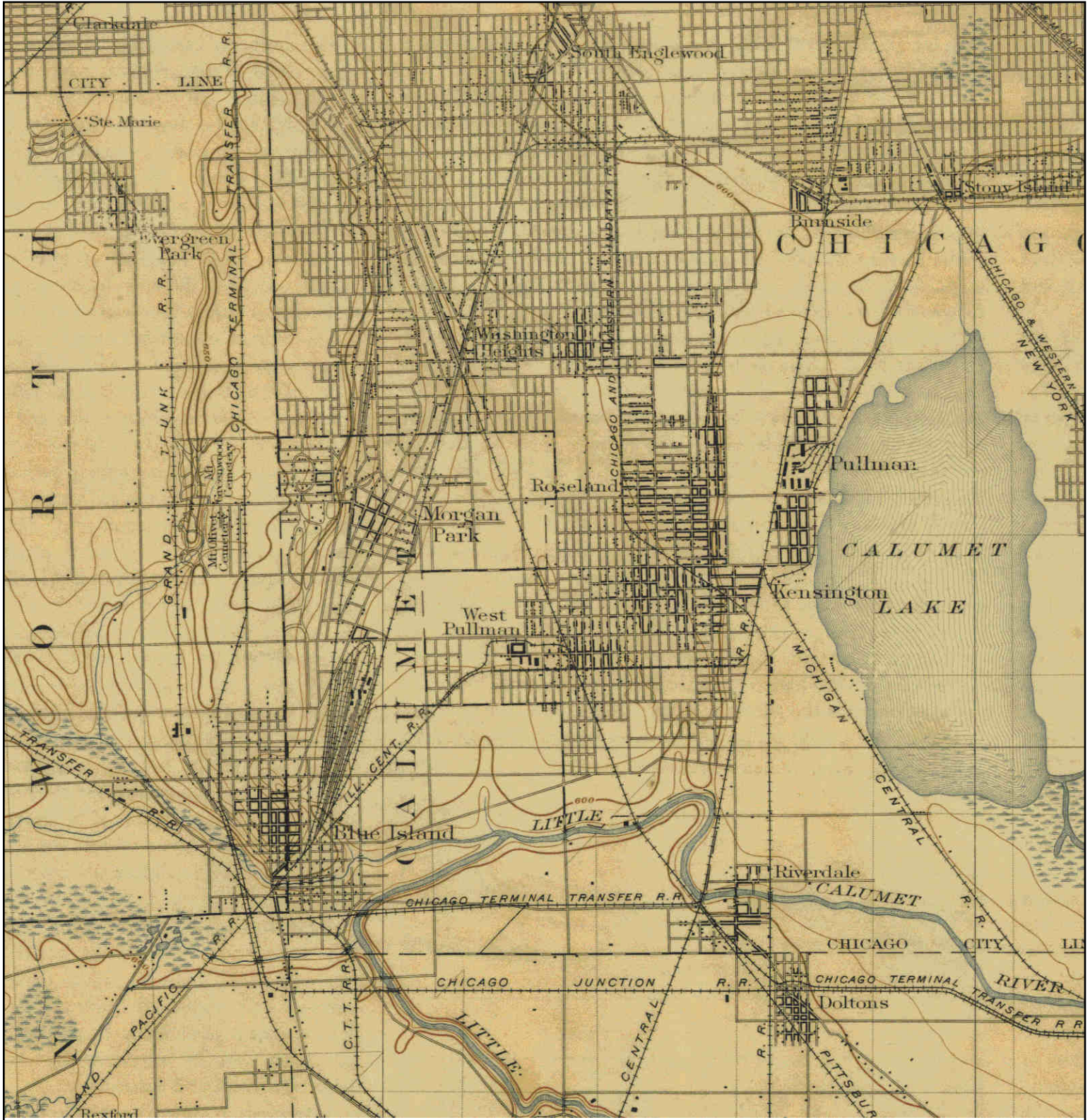
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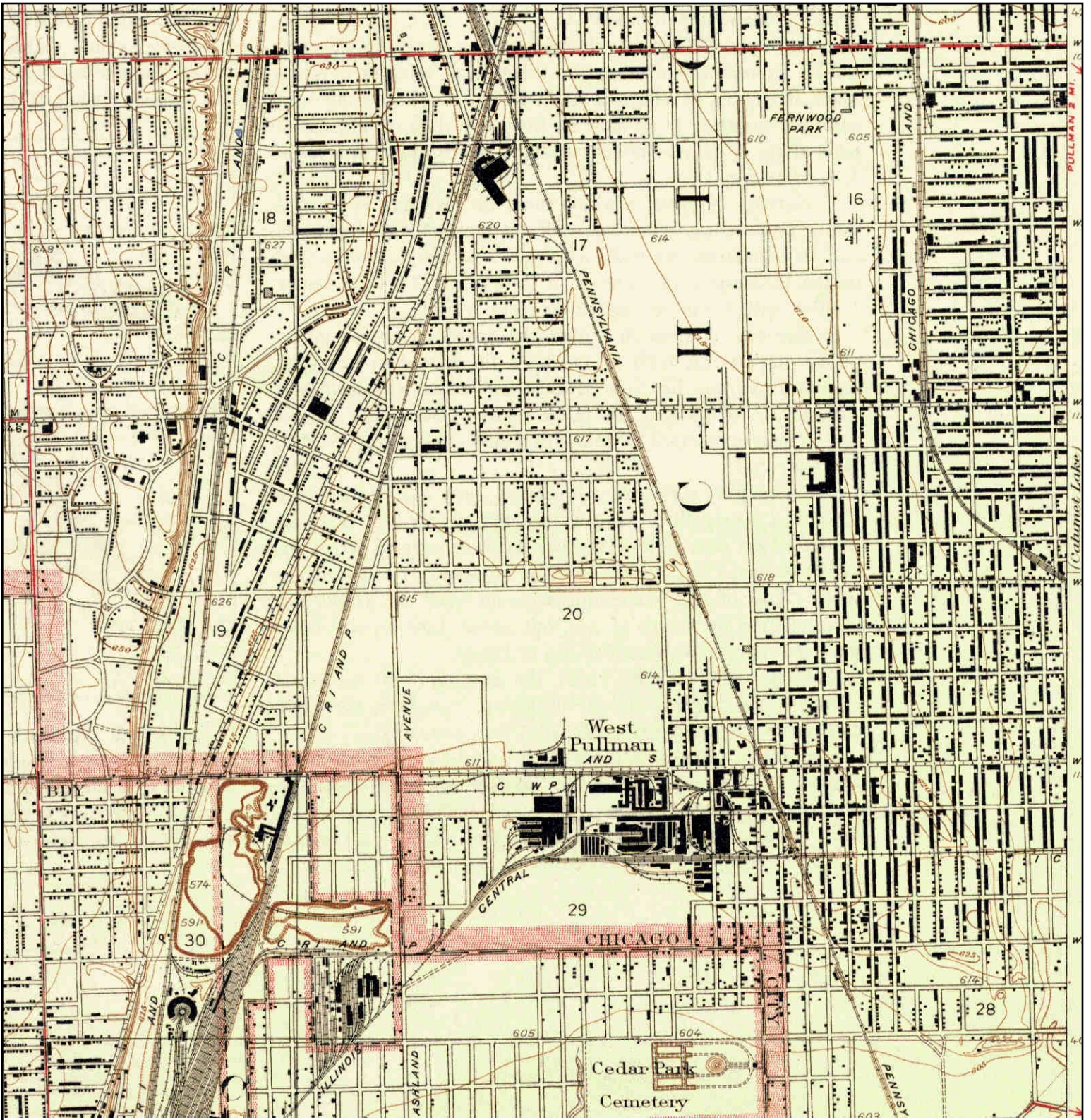
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Historical Topographic Map



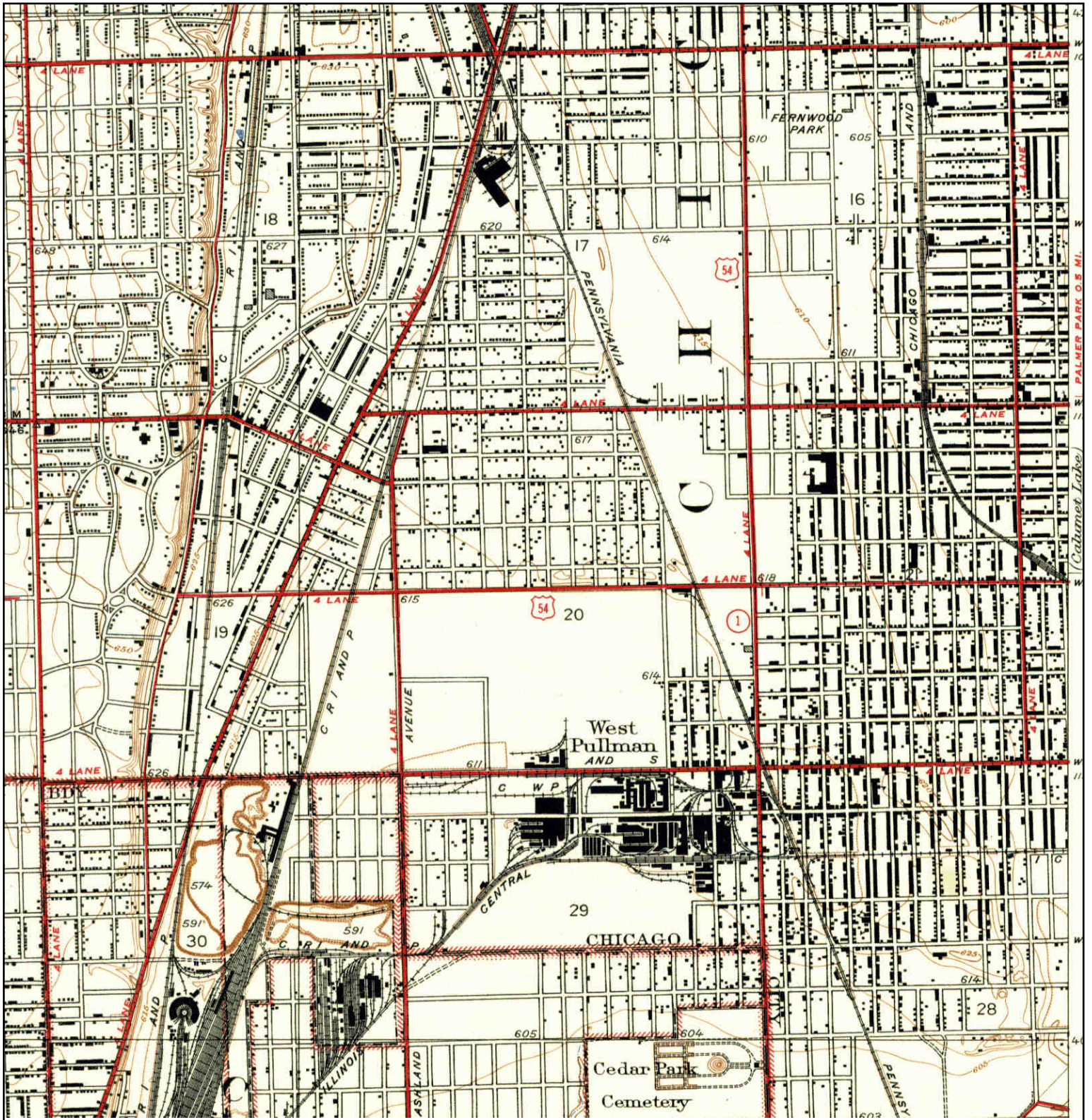
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|  | TARGET QUAD | SITE NAME: Chicago 115th and Halsted | CLIENT: Tetra Tech EM, Inc. |
| | NAME: CALUMET | ADDRESS: 830 W. 115th Street | CONTACT: Lance Summers |
| | MAP YEAR: 1901 | CHICAGO, IL 60643 | INQUIRY#: 3921318.4 |
| | SERIES: 15 | LAT/LONG: 41.6861 / -87.6439 | RESEARCH DATE: 04/23/2014 |
| | SCALE: 1:62500 | | |

Historical Topographic Map



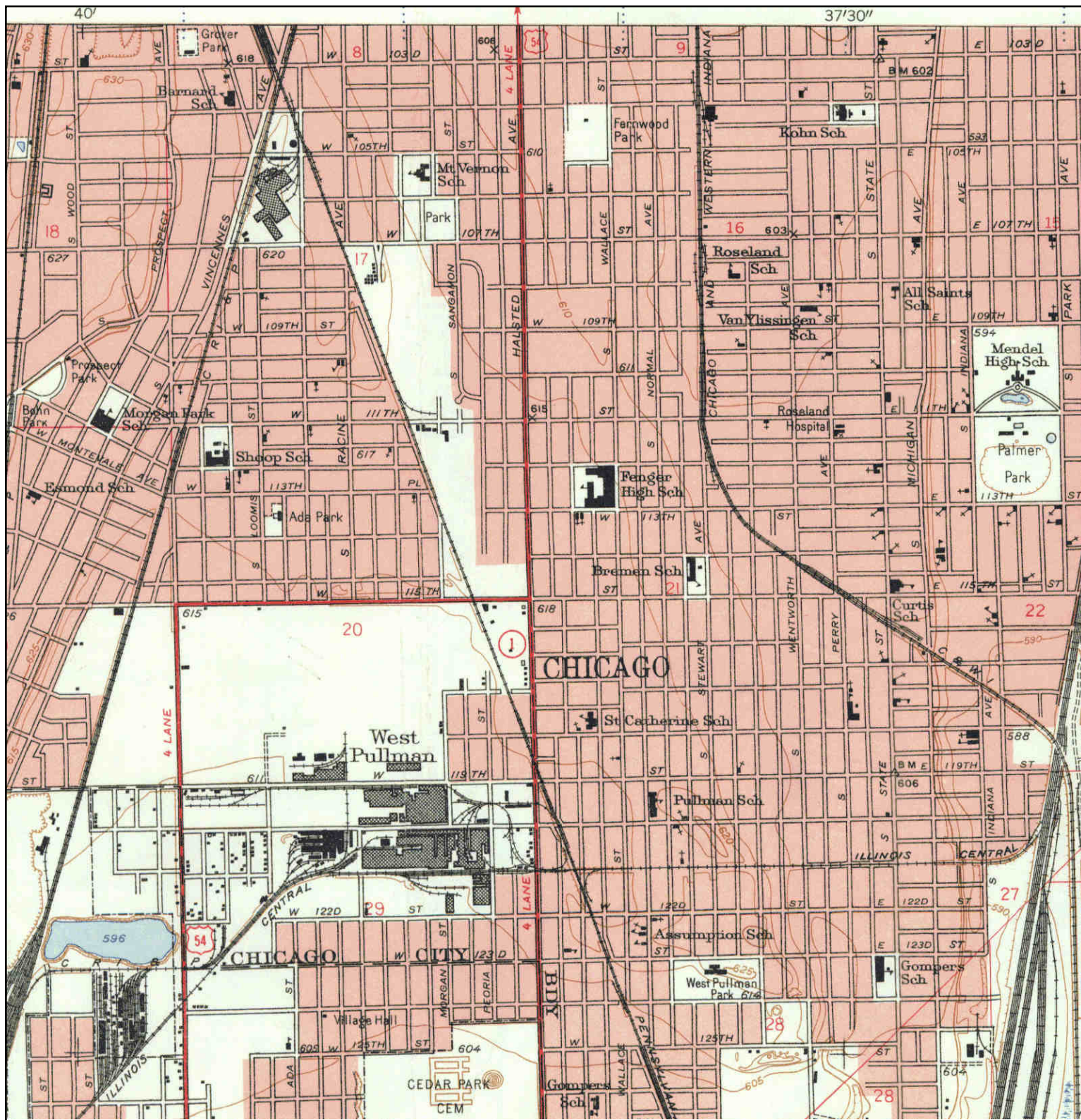
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| <p>N</p>  | TARGET QUAD | SITE NAME: | Chicago 115th and Halsted | CLIENT: | Tetra Tech EM, Inc. | |
| | NAME: | BLUE ISLAND | ADDRESS: | 830 W. 115th Street
Chicago, IL 60643 | CONTACT: | Lance Summers |
| | MAP YEAR: | 1929 | LAT/LONG: | 41.6861 / -87.6439 | INQUIRY#: | 3921318.4 |
| | SERIES: | 7.5 | | | RESEARCH DATE: | 04/23/2014 |
| | SCALE: | 1:24000 | | | | |

Historical Topographic Map



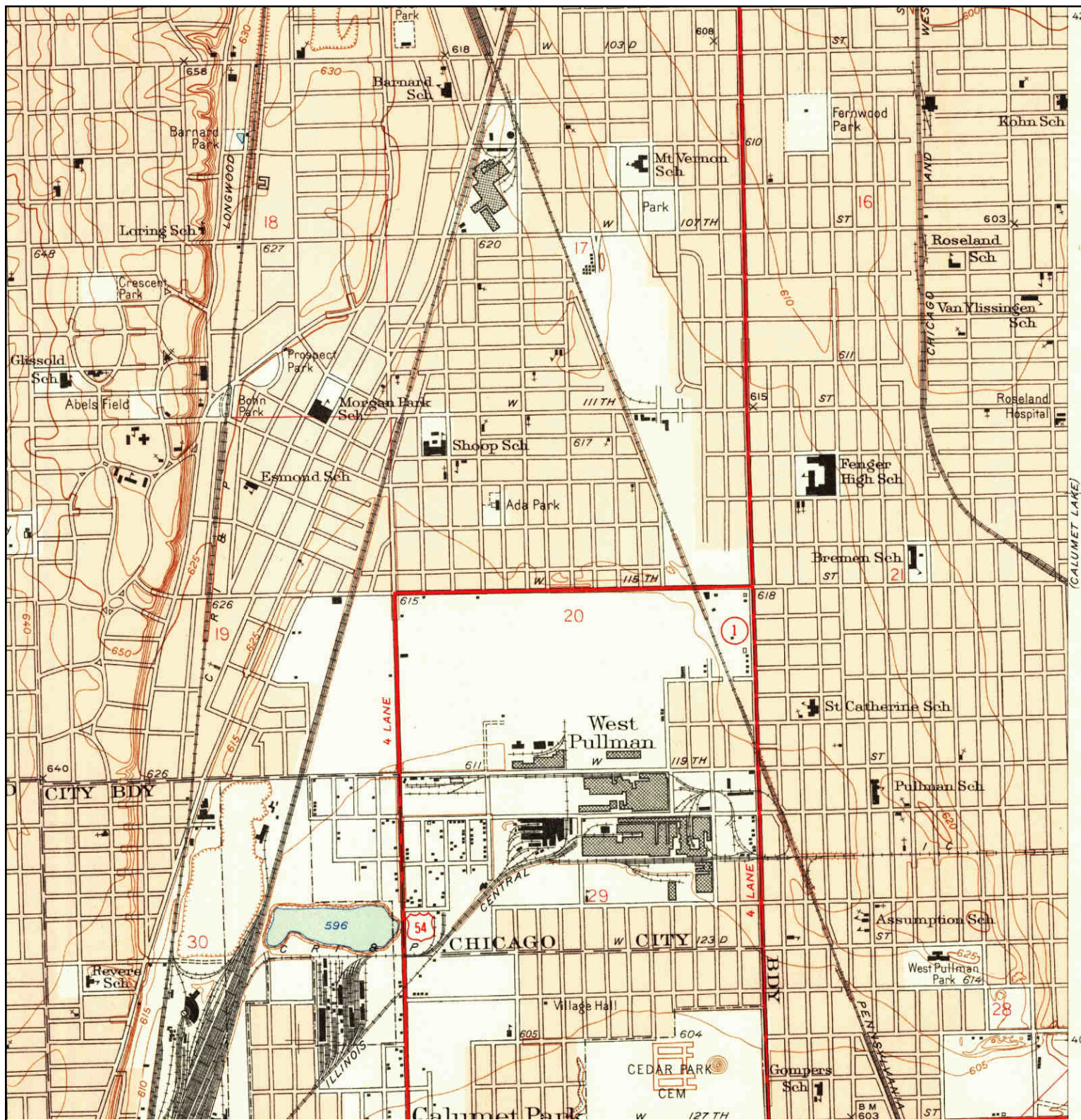
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| <p>N
↑</p> | <p>TARGET QUAD</p> | <p>SITE NAME: Chicago 115th and Halsted</p> | <p>CLIENT: Tetra Tech EM, Inc.</p> |
| | <p>NAME: BLUE ISLAND</p> | <p>ADDRESS: 830 W. 115th Street</p> | <p>CONTACT: Lance Summers</p> |
| | <p>MAP YEAR: 1948</p> | <p>Chicago, IL 60643</p> | <p>INQUIRY#: 3921318.4</p> |
| | <p>CORRECTED FROM : 1929</p> | <p>LAT/LONG: 41.6861 / -87.6439</p> | <p>RESEARCH DATE: 04/23/2014</p> |
| | <p>SERIES: 7.5</p> | | |
| | <p>SCALE: 1:24000</p> | | |
| | | | |


Historical Topographic Map



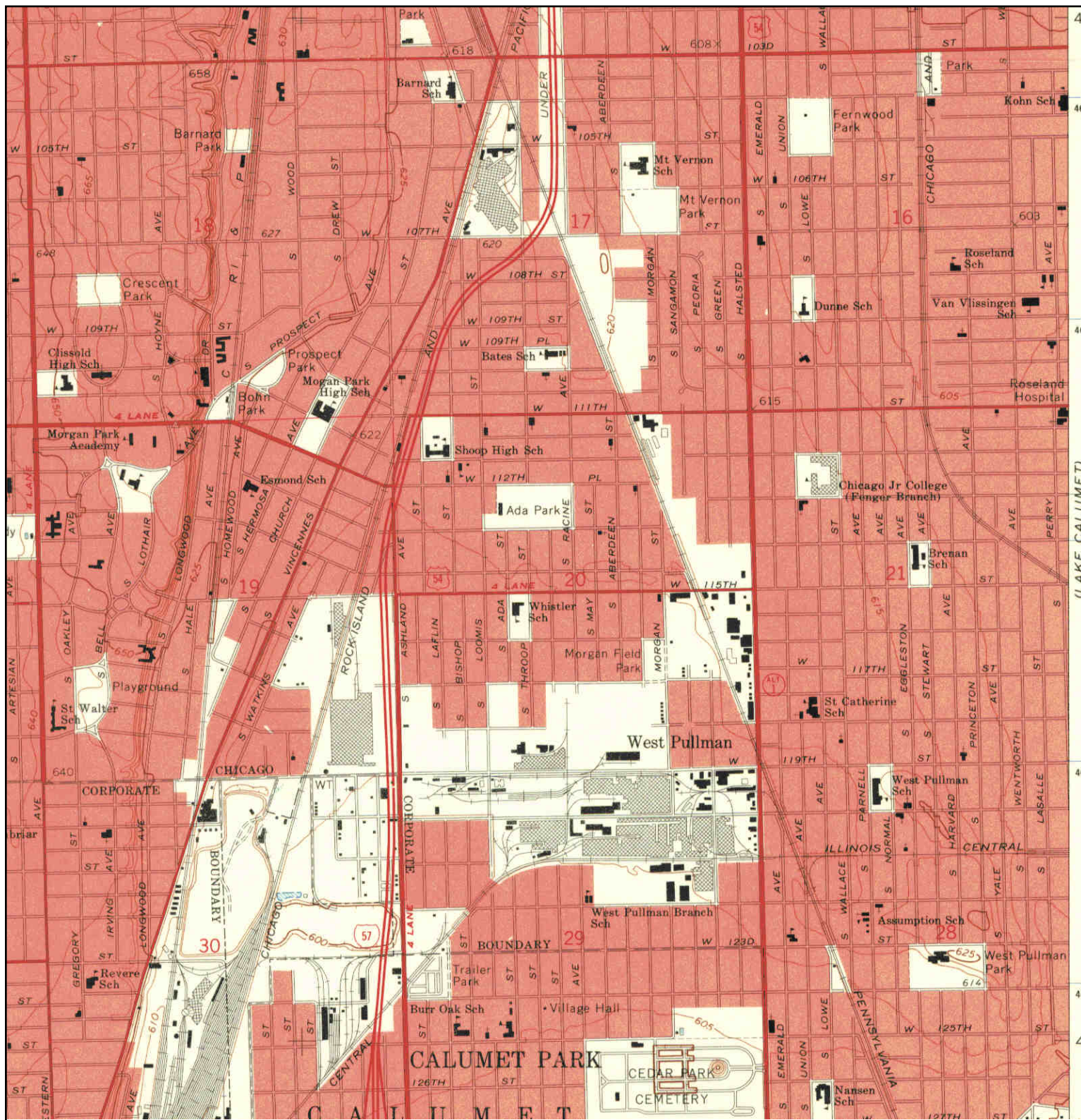
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|--|----------------------------------|---|------------------------------------|
| | TARGET QUAD | SITE NAME: Chicago 115th and Halsted | CLIENT: Tetra Tech EM, Inc. |
| | NAME: CHICAGO VICINITY 3A | ADDRESS: 830 W. 115th Street | CONTACT: Lance Summers |
| | MAP YEAR: 1953 | Chicago, IL 60643 | INQUIRY#: 3921318.4 |
| | SERIES: 7.5 | LAT/LONG: 41.6861 / -87.6439 | RESEARCH DATE: 04/23/2014 |
| | SCALE: 1:24000 | | |

Historical Topographic Map



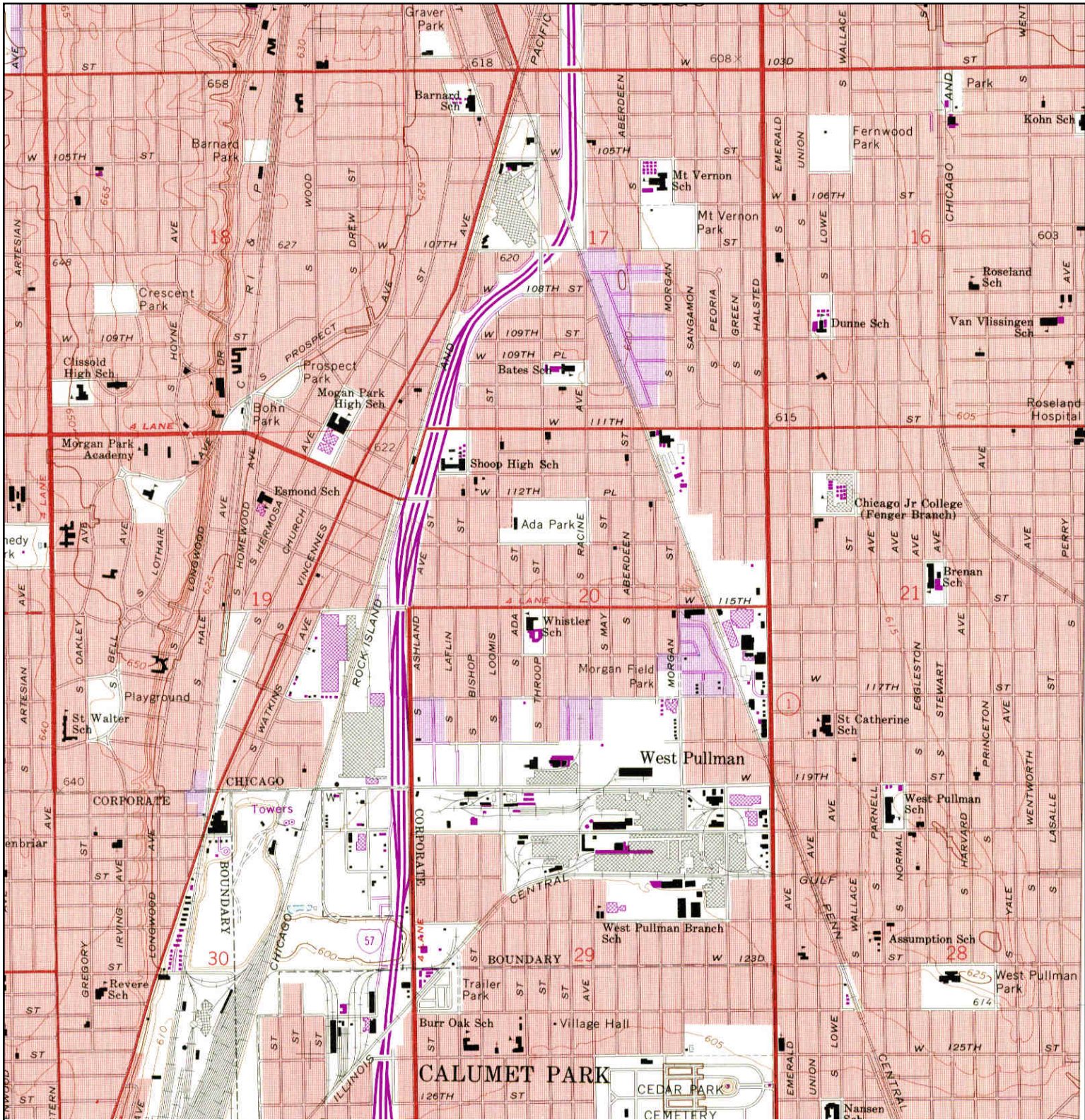
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| <p>N</p>  | <p>TARGET QUAD</p> <p>NAME: BLUE ISLAND</p> <p>MAP YEAR: 1953</p> | <p>SITE NAME: Chicago 115th and Halsted</p> <p>ADDRESS: 830 W. 115th Street
Chicago, IL 60643</p> <p>LAT/LONG: 41.6861 / -87.6439</p> | <p>CLIENT: Tetra Tech EM, Inc.</p> <p>CONTACT: Lance Summers</p> <p>INQUIRY#: 3921318.4</p> <p>RESEARCH DATE: 04/23/2014</p> |
| | <p>SERIES: 7.5</p> <p>SCALE: 1:24000</p> | | |
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Historical Topographic Map



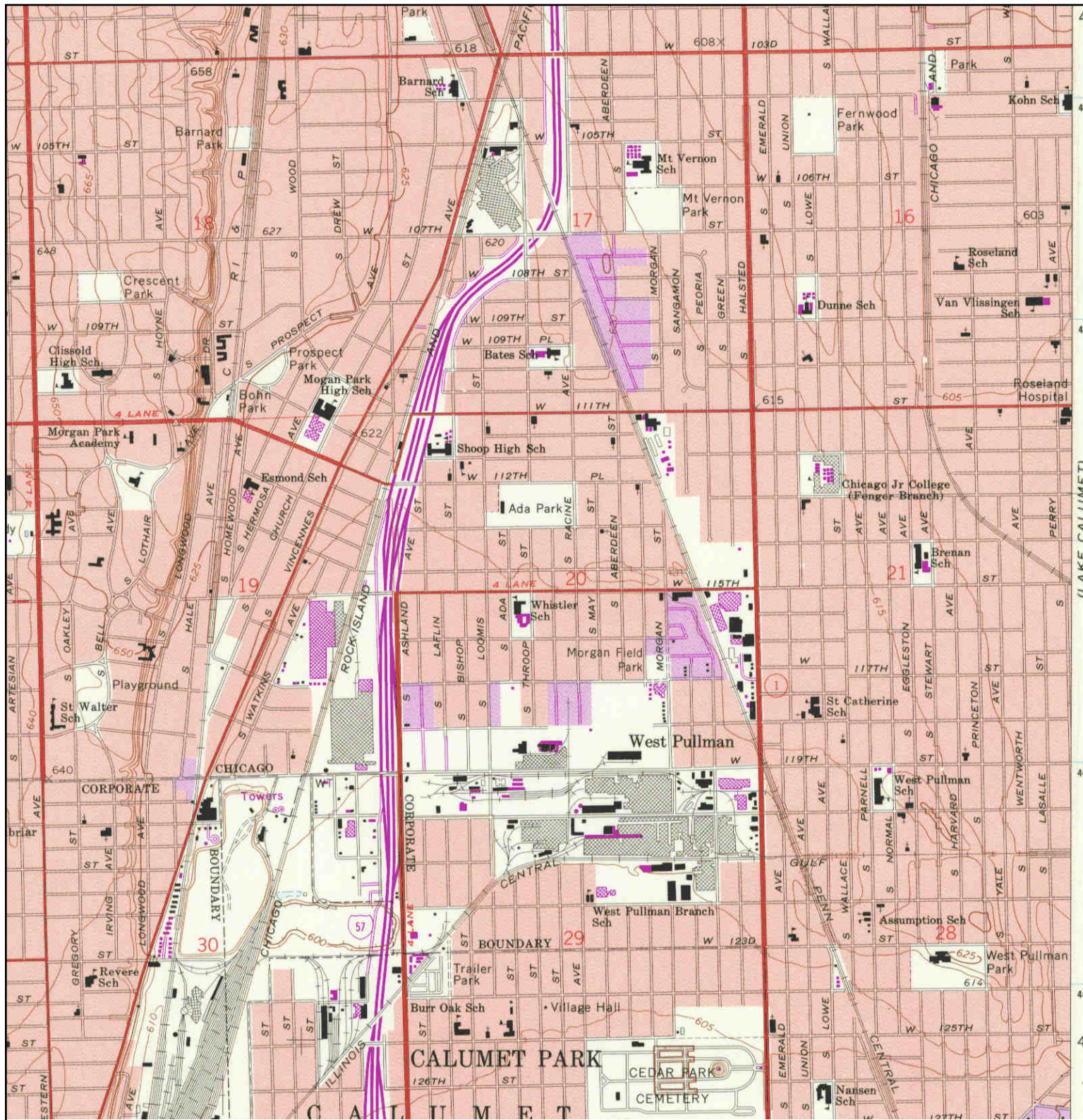
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| | NAME: BLUE ISLAND | ADDRESS: 830 W. 115th Street | CONTACT: Lance Summers |
| | MAP YEAR: 1963 | Chicago, IL 60643 | INQUIRY#: 3921318.4 |
| | SERIES: 7.5 | LAT/LONG: 41.6861 / -87.6439 | RESEARCH DATE: 04/23/2014 |
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Historical Topographic Map



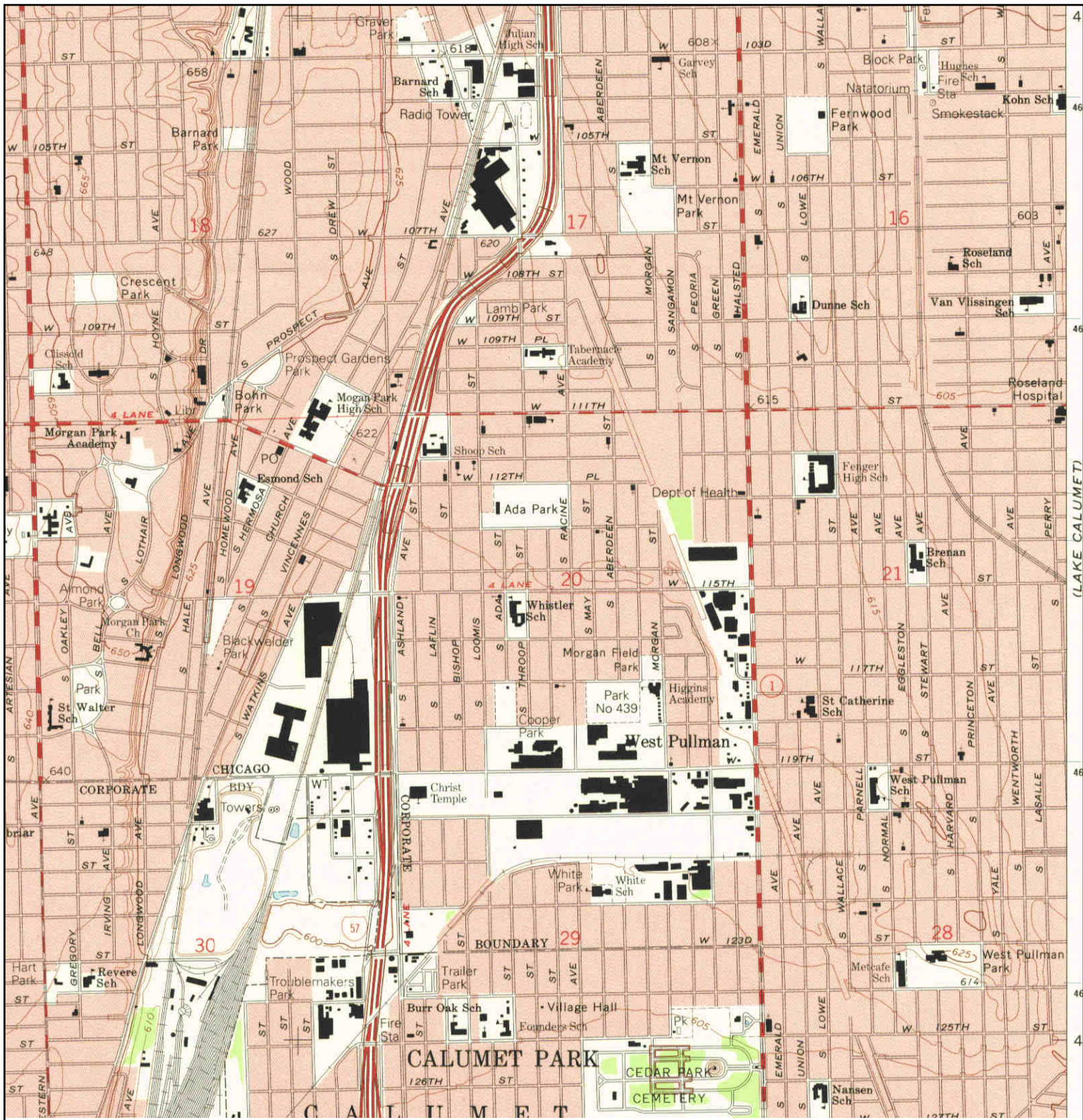
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|  | TARGET QUAD | SITE NAME: Chicago 115th and Halsted | CLIENT: Tetra Tech EM, Inc. |
| | NAME: BLUE ISLAND | ADDRESS: 830 W. 115th Street | CONTACT: Lance Summers |
| | MAP YEAR: 1973 | ADDRESS: Chicago, IL 60643 | INQUIRY#: 3921318.4 |
| | PHOTOREVISED FROM : 1963 | LAT/LONG: 41.6861 / -87.6439 | RESEARCH DATE: 04/23/2014 |
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Historical Topographic Map



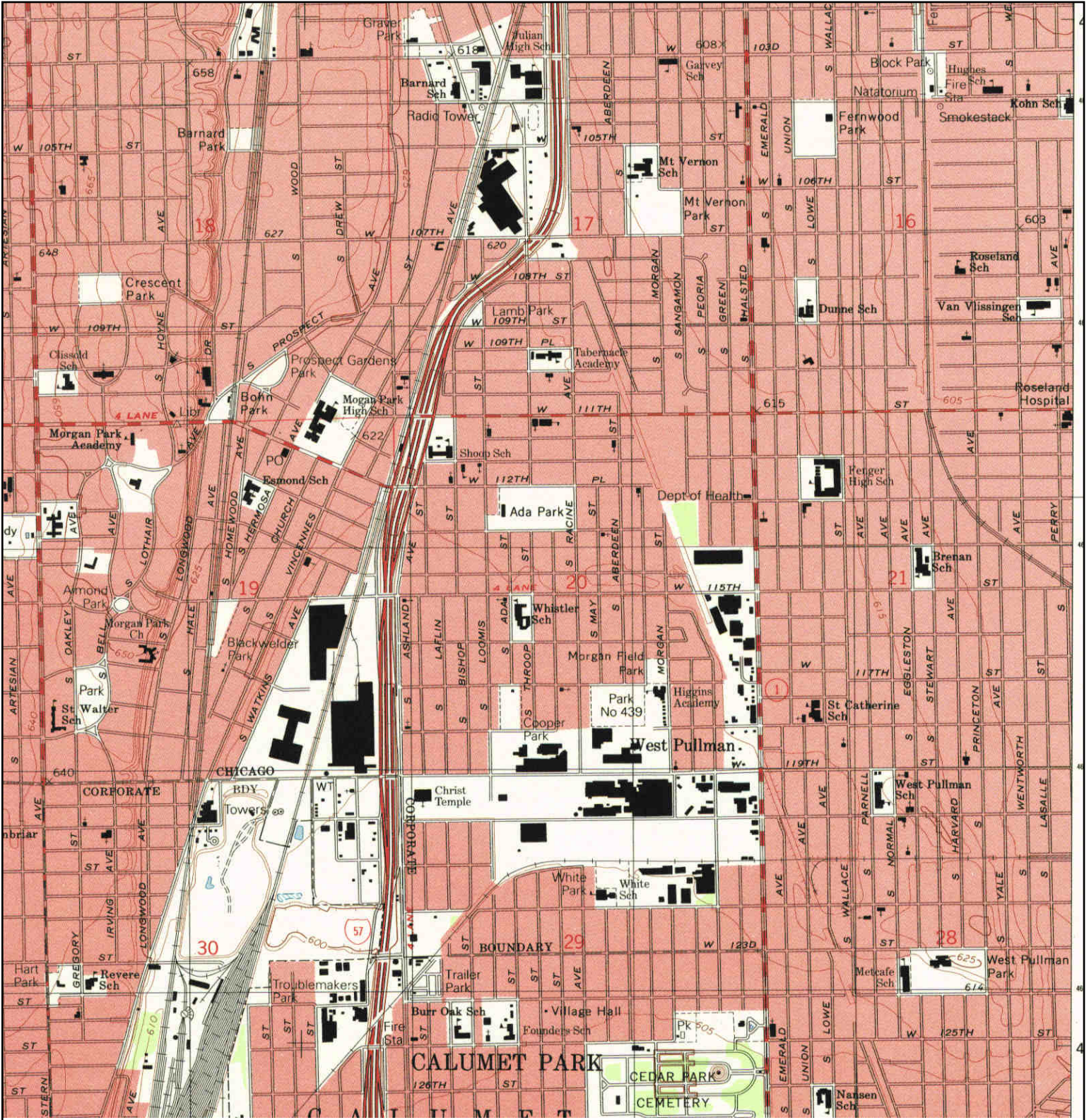
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| | TARGET QUAD | SITE NAME: | Chicago 115th and Halsted | CLIENT: | Tetra Tech EM, Inc. |
| | NAME: BLUE ISLAND | ADDRESS: | 830 W. 115th Street | CONTACT: | Lance Summers |
| | MAP YEAR: 1978 | | Chicago, IL 60643 | INQUIRY#: | 3921318.4 |
| | PHOTOINSPECTED FROM : 1963 | LAT/LONG: | 41.6861 / -87.6439 | RESEARCH DATE: | 04/23/2014 |
| | SERIES: 7.5 | | | | |
| | SCALE: 1:24000 | | | | |
| | | | | | |

Historical Topographic Map



| | | | |
|--|--------------------------|---|------------------------------------|
| | TARGET QUAD | SITE NAME: Chicago 115th and Halsted | CLIENT: Tetra Tech EM, Inc. |
| | NAME: BLUE ISLAND | ADDRESS: 830 W. 115th Street | CONTACT: Lance Summers |
| | MAP YEAR: 1993 | Chicago, IL 60643 | INQUIRY#: 3921318.4 |
| | SERIES: 7.5 | LAT/LONG: 41.6861 / -87.6439 | RESEARCH DATE: 04/23/2014 |
| | SCALE: 1:24000 | | |

Historical Topographic Map



APPENDIX C
SANBORN MAPS



Chicago 115th and Halsted

830 W. 115th Street

Chicago, IL 60643

Inquiry Number: 3921318.3

April 24, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

4/24/14

Site Name:

Chicago 115th and Halsted
830 W. 115th Street
Chicago, IL 60643

Client Name:

Tetra Tech EM, Inc.
1 South Wacker Drive
Chicago, IL 60606



EDR Inquiry # 3921318.3

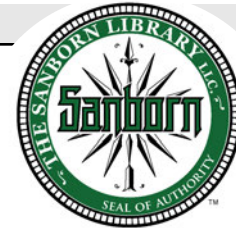
Contact: Lance Summers

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Certified Sanborn Results:

Site Name: Chicago 115th and Halsted
Address: 830 W. 115th Street
City, State, Zip: Chicago, IL 60643
Cross Street:
P.O. # Chicago Contract
Project: City of Chicago 115th&Halsted
Certification # 6D36-4C02-827F



Sanborn® Library search results
Certification # 6D36-4C02-827F

Maps Provided:

2004
1992
1989
1987
1975
1950

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- Library of Congress
- University Publications of America
- EDR Private Collection

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Sanborn Sheet Thumbnails

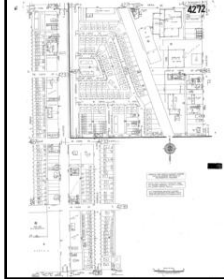
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



2004 Source Sheets



Volume 42 43, Sheet 4271

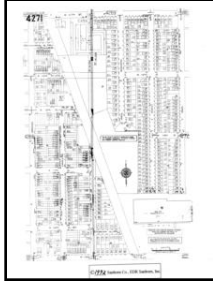


Volume 42 43, Sheet 4272

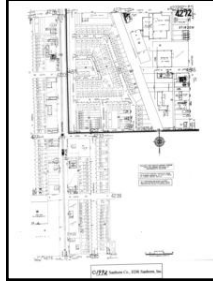
1992 Source Sheets



Volume 42, Sheet 4267



Volume 42, Sheet 4271



Volume 42, Sheet 4272

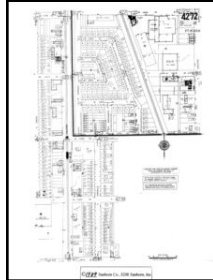
1989 Source Sheets



Volume 42, Sheet 4267



Volume 42, Sheet 4271

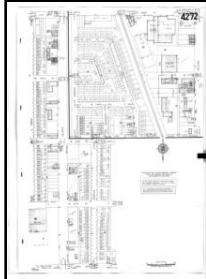


Volume 42, Sheet 4272

1987 Source Sheets



Volume 42_43, Sheet 4271



Volume 42_43, Sheet 4272



Volume 42_43, Sheet 4267

1975 Source Sheets



Volume 42_43, Sheet 4267



Volume 42_43, Sheet 4271



Volume 42_43, Sheet 4272

1950 Source Sheets



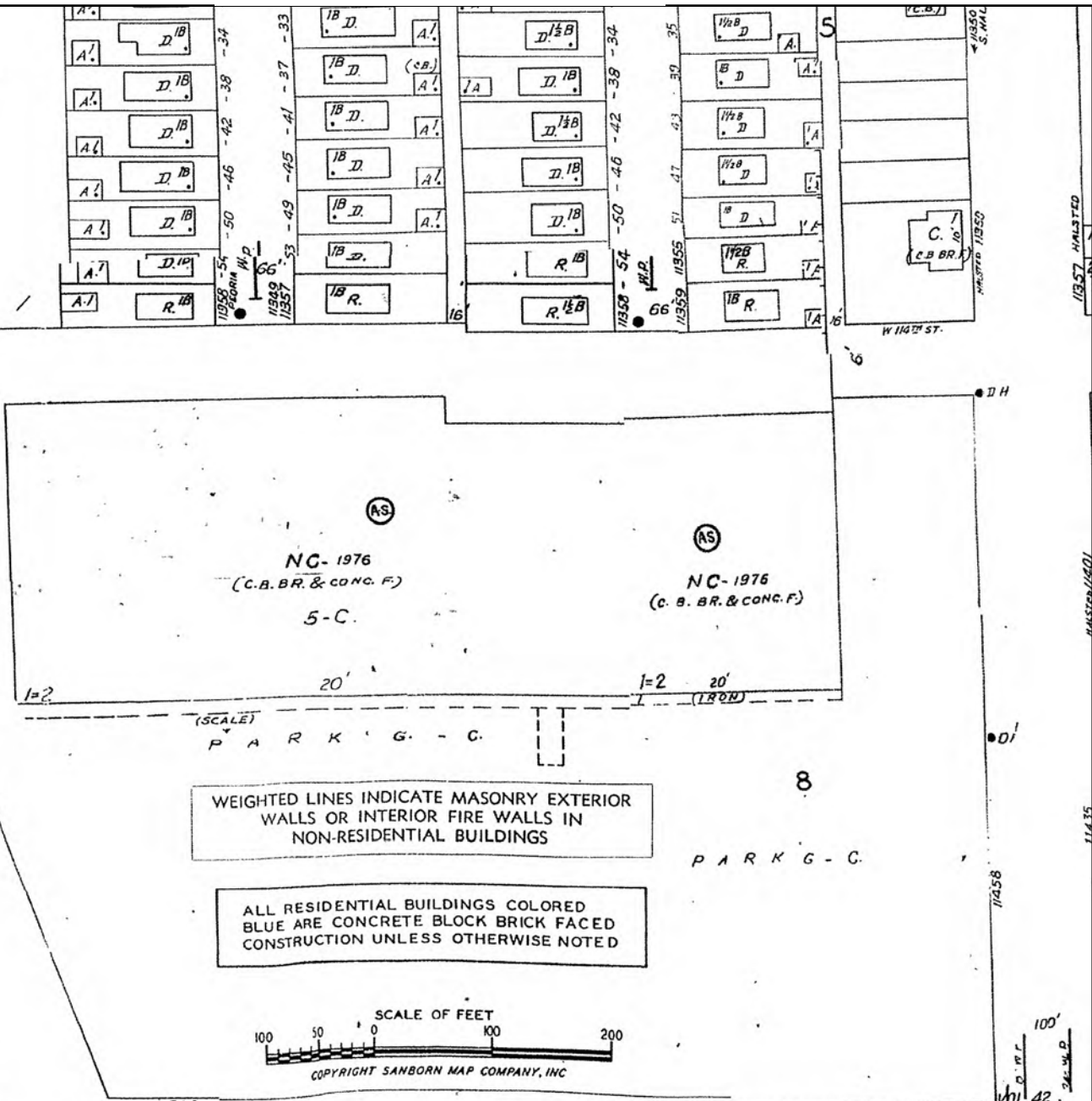
Volume 42, Sheet 4267

2004 Certified Sanborn Map



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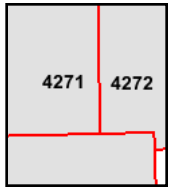
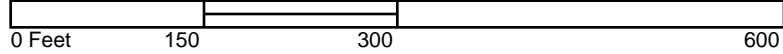
Certification # 6D36-4C02-827F



Site Name: Chicago 115th and Halsted
 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification # 6D36-4C02-827F
 Copyright: 2004



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



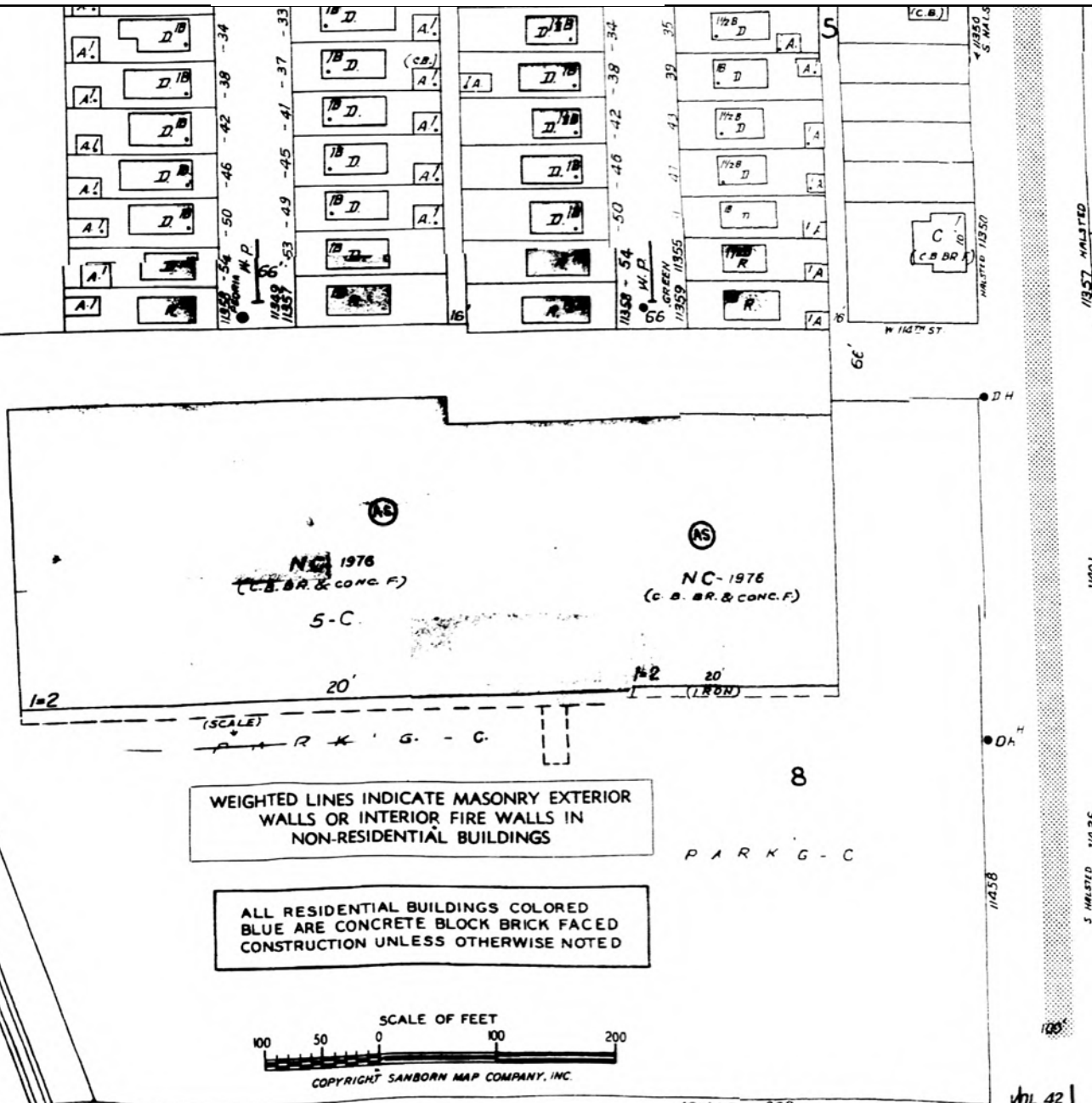
Volume 42 43, Sheet 4271
 Volume 42 43, Sheet 4272



1989 Certified Sanborn Map

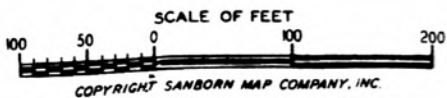


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WEIGHTED LINES INDICATE MASONRY EXTERIOR WALLS OR INTERIOR FIRE WALLS IN NON-RESIDENTIAL BUILDINGS

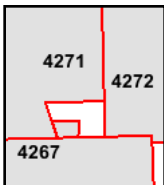
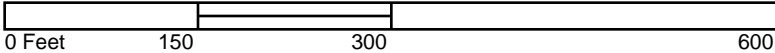
ALL RESIDENTIAL BUILDINGS COLORED BLUE ARE CONCRETE BLOCK BRICK FACED CONSTRUCTION UNLESS OTHERWISE NOTED



Site Name: Chicago 115th and Halsted
 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification #: 6D36-4C02-827F
 Copyright: 1989



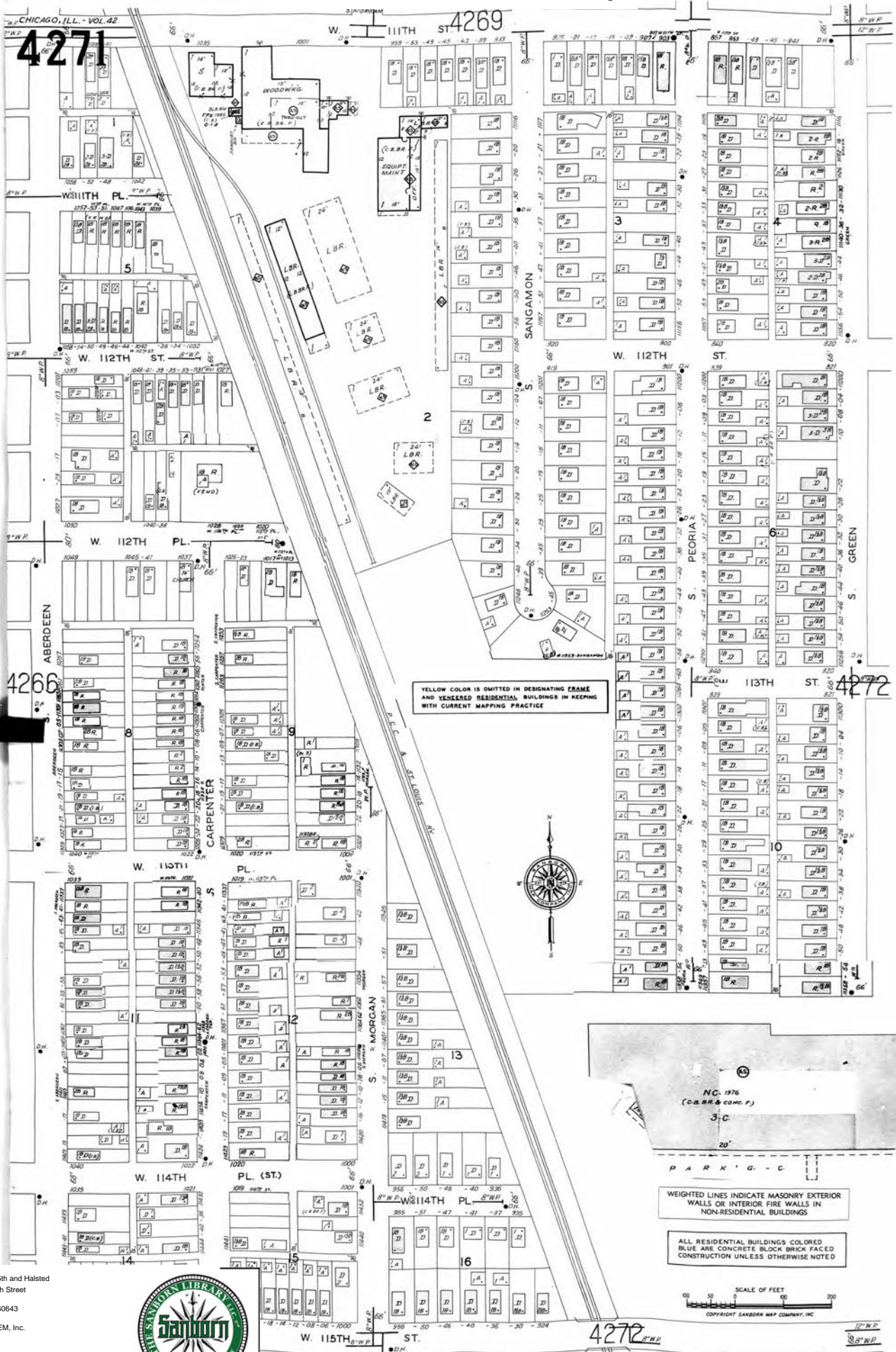
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 42, Sheet 4267
 Volume 42, Sheet 4271
 Volume 42, Sheet 4272



1987 Certified Sanborn Map



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Certification # 6D36-4C02-827F

Site Name: Chicago 115th and Halsted
 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification # 6D36-4C02-827F
 Copyright: 1987

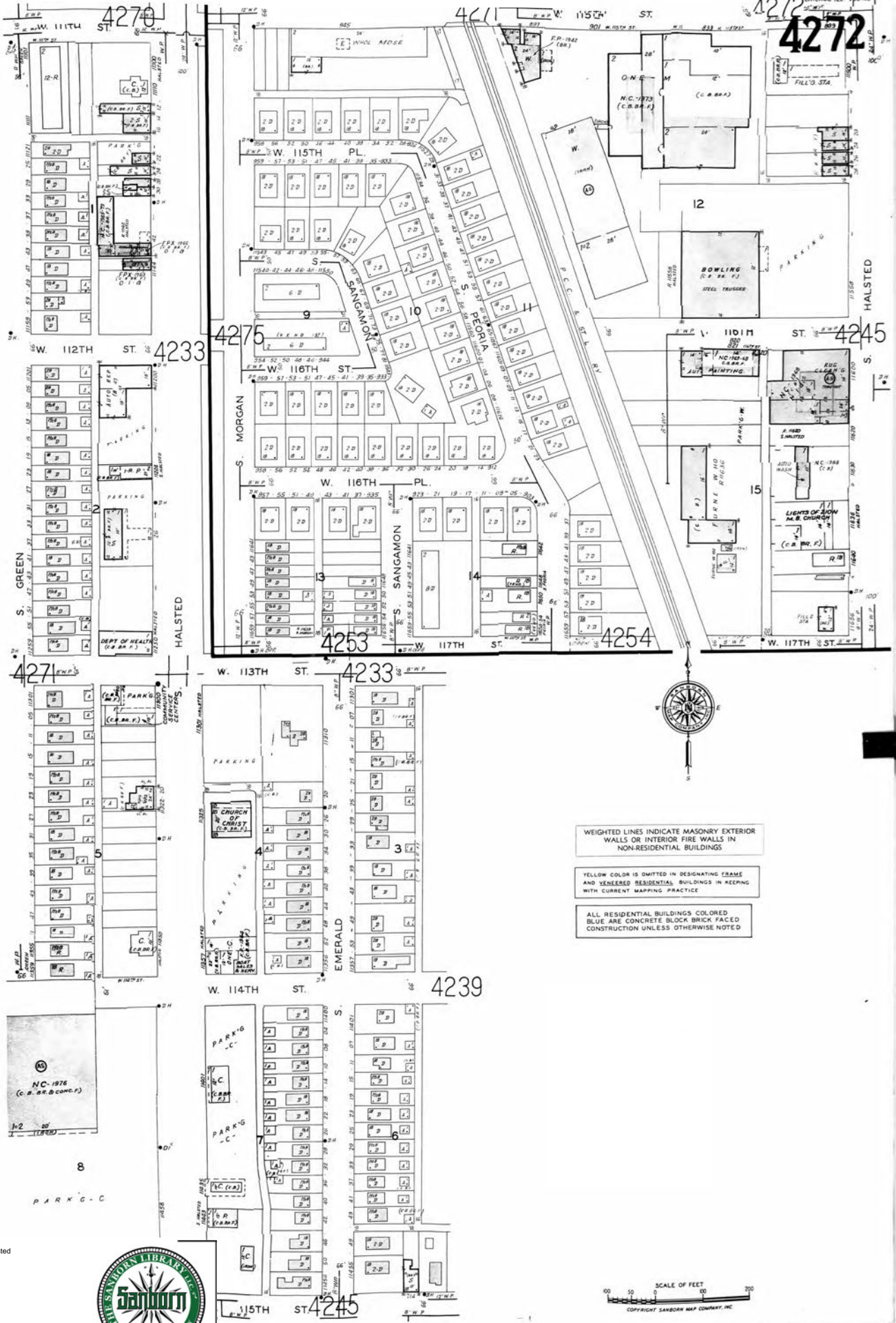


WEIGHTED LINES INDICATE MASONRY EXTERIOR WALLS OR INTERIOR FIRE WALLS IN NON-RESIDENTIAL BUILDINGS

ALL RESIDENTIAL BUILDINGS COLORED BLUE ARE CONCRETE BLOCK BRICK FACED CONSTRUCTION UNLESS OTHERWISE NOTED

SCALE OF FEET
 0 50 100 200
 COPYRIGHT SANBORN MAP COMPANY, INC.

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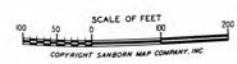
Certification # 6D36-4C02-827F

WEIGHTED LINES INDICATE MASONRY EXTERIOR WALLS OR INTERIOR FIRE WALLS IN NON-RESIDENTIAL BUILDINGS

YELLOW COLOR IS OMITTED IN DESIGNATING FRAME AND VENEERED RESIDENTIAL BUILDINGS IN KEEPING WITH CURRENT MAPPING PRACTICE

ALL RESIDENTIAL BUILDINGS COLORED BLUE ARE CONCRETE BLOCK BRICK FACED CONSTRUCTION UNLESS OTHERWISE NOTED

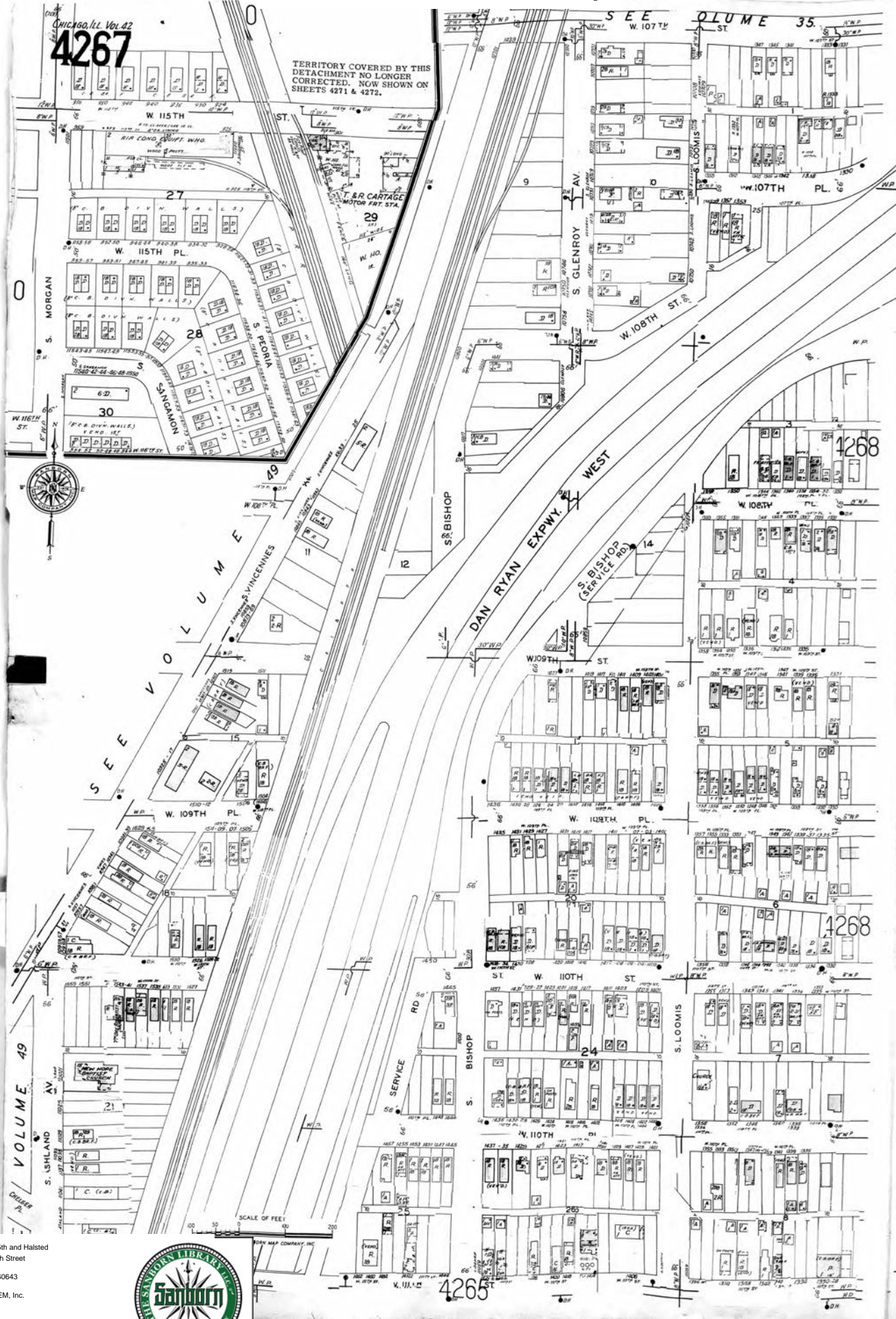
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 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification #: 6D36-4C02-827F
 Copyright: 1987



1987 Certified Sanborn Map

CHICAGO, ILL. Vol. 42
4267

TERRITORY COVERED BY THIS DETACHMENT NO LONGER CORRECTED. NOW SHOWN ON SHEETS 4271 & 4272.



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Certification # 6D36-4C02-827F

Site Name: Chicago 115th and Halsted
 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification #: 6D36-4C02-827F
 Copyright: 1987



1975 Certified Sanborn Map

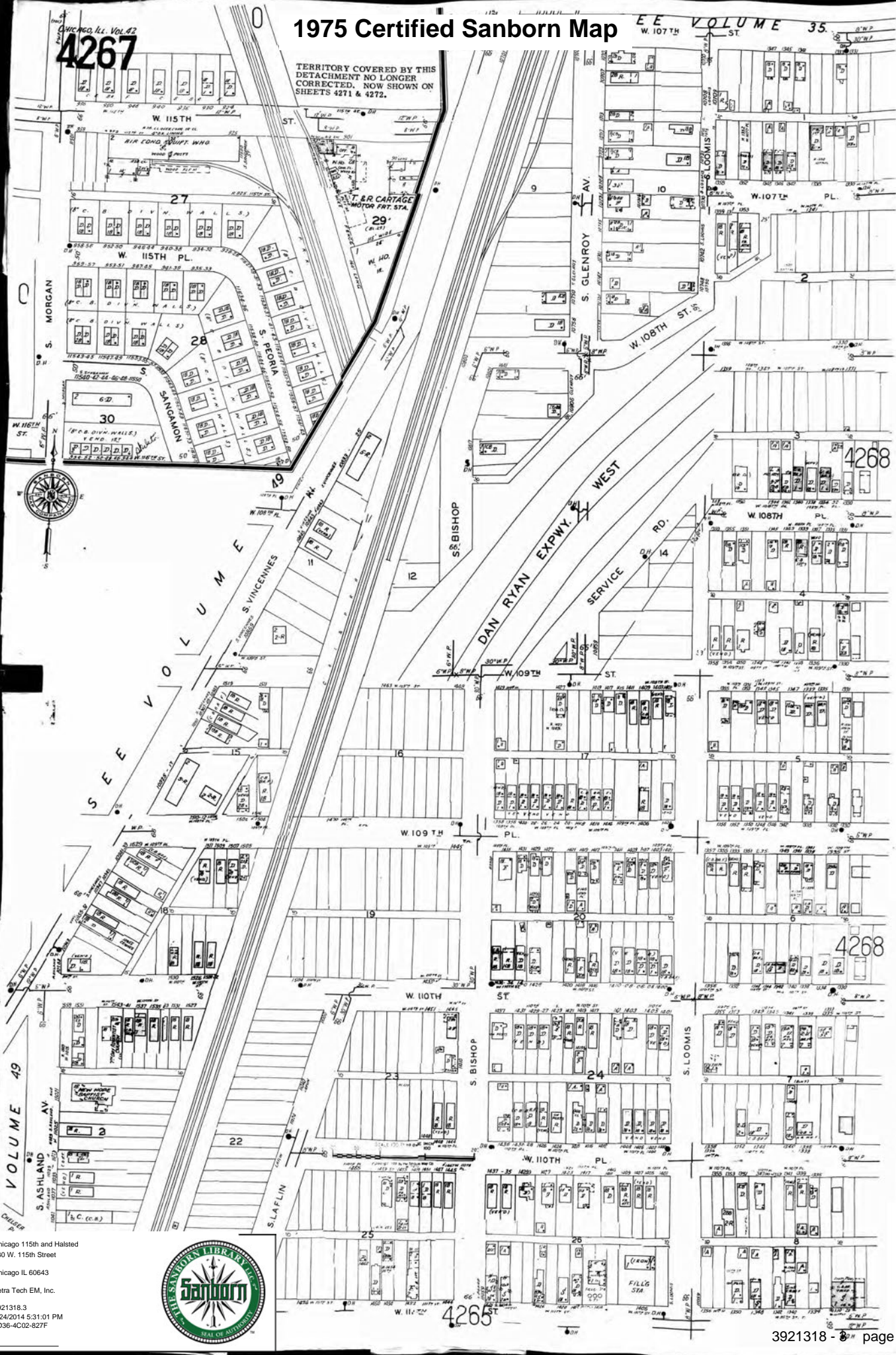
W. 107TH ST. VOLUME 35

CHICAGO, ILL. Vol. 42
4267

TERRITORY COVERED BY THIS DETACHMENT NO LONGER CORRECTED. NOW SHOWN ON SHEETS 4271 & 4272.

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Site Name: Chicago 115th and Halsted
Address: 830 W. 115th Street
City, ST, ZIP: Chicago IL 60643
Client: Tetra Tech EM, Inc.
EDR Inquiry: 3921318.3
Order Date: 4/24/2014 5:31:01 PM
Certification #: 6D36-4C02-827F

Copyright: 1975

1975 Certified Sanborn Map

4271



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Site Name: Chicago 115th and Halsted
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 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification # 6D36-4C02-827F
 Copyright: 1975



YELLOW COLOR IS OMITTED IN DESIGNATING FRAME AND VENEERED RESIDENTIAL BUILDINGS IN KEEPING WITH CURRENT MAPPING PRACTICE

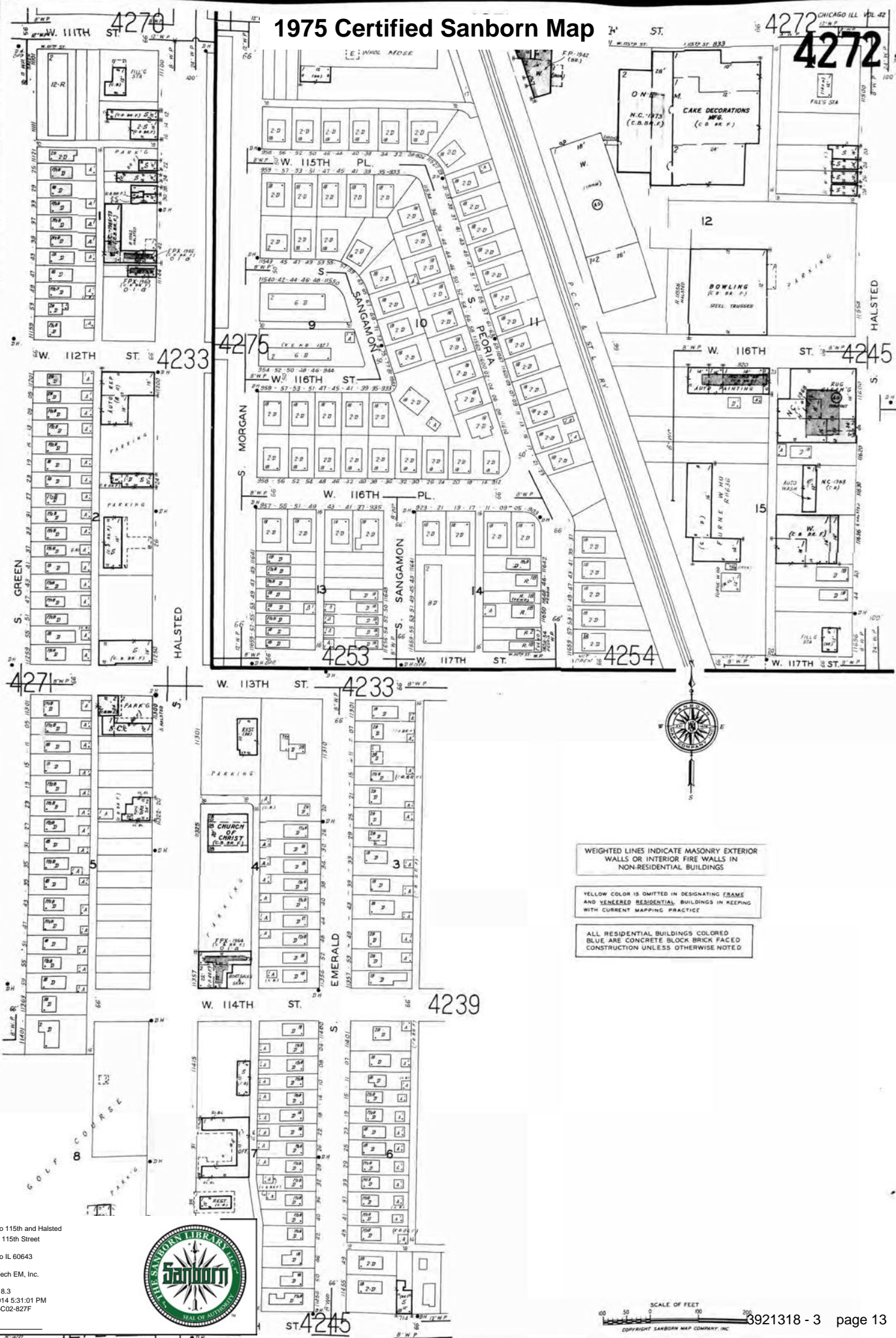
WEIGHTED LINES INDICATE MASONRY EXTERIOR WALLS OR INTERIOR FIRE WALLS IN NON-RESIDENTIAL BUILDINGS

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4272

1975 Certified Sanborn Map



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WEIGHTED LINES INDICATE MASONRY EXTERIOR WALLS OR INTERIOR FIRE WALLS IN NON-RESIDENTIAL BUILDINGS

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Site Name: Chicago 115th and Halsted
 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification # 6D36-4C02-827F
 Copyright: 1975



1950 Certified Sanborn Map



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Certification # 6D36-4C02-827F

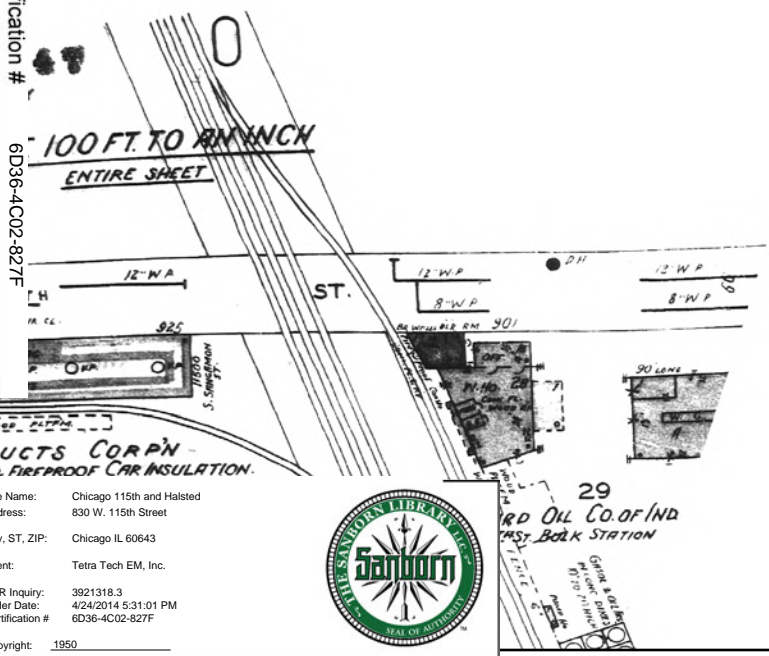
Site Name: Chicago 115th and Halsted
 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification #: 6D36-4C02-827F
 Copyright: 1950



1950 Certified Sanborn Map

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Certification # 6D36-4C02-827F



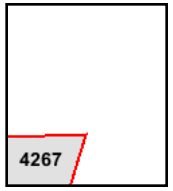
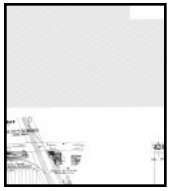
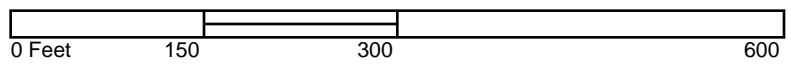
CHICAGO ILL. VOL. 42
4245
 (114 VOLS)
 ILL. . . 047

Site Name: Chicago 115th and Halsted
 Address: 830 W. 115th Street
 City, ST, ZIP: Chicago IL 60643
 Client: Tetra Tech EM, Inc.
 EDR Inquiry: 3921318.3
 Order Date: 4/24/2014 5:31:01 PM
 Certification # 6D36-4C02-827F
 Copyright: 1950



29
 OIL CO. OF IND
 BUNK STATION
 GARDEN & OILERS
 115th Street
 Halsted Street

This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 42, Sheet 4267



APPENDIX D
CITY DIRECTORIES

Chicago 115th and Halsted

830 W. 115th Street
Chicago, IL 60643

Inquiry Number: 3921318.5
April 24, 2014

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

| <u>Year</u> | <u>Source</u> | <u>TP</u> | <u>Adjoining</u> | <u>Text Abstract</u> | <u>Source Image</u> |
|-------------|---|-----------|------------------|----------------------|---------------------|
| 2013 | Cole Information Services | - | X | X | - |
| 2008 | Cole Information Services | - | X | X | - |
| | Cole Information Services | X | X | X | - |
| 1993 | Illinois Bell | - | - | - | - |
| 1976 | Illinois Bell Telephone | - | X | X | - |
| 1971 | The Reuben H. Donnelley Corporation Telephone | - | - | - | - |
| 1966 | The Reuben H. Donnelley Telephone Directory Company | - | X | X | - |
| 1961 | Illinois Bell Telephone | - | - | - | - |
| 1957 | Illinois Bell Telephone | - | - | - | - |
| 1951 | Illinois Bell Telephone | - | - | - | - |
| 1949 | Illinois Bell Telephone | - | X | X | - |
| 1947 | Illinois Bell Telephone | - | - | - | - |
| 1941 | The Reuben H. Donelley Corporation | - | - | - | - |
| 1932 | Illinois Bell Telephone | - | - | - | - |
| 1931 | Illinois Bell Telephone | - | - | - | - |
| 1928 | R. L. Polk & Co. | - | - | - | - |
| 1923 | R. L. Polk & Co. | - | - | - | - |

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

| <u>Address</u> | <u>Type</u> | <u>Findings</u> |
|-------------------------|----------------|-----------------|
| 11414 S. Halsted Street | Client Entered | X |
| 11420 S. Halsted Street | Client Entered | |
| 11442 S. Halsted Street | Client Entered | X |

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

830 W. 115th Street
Chicago, IL 60643

FINDINGS DETAIL

Target Property research detail.

halsted

11442 halsted

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|----------------|---------------------|
| 2005 | OKSHOES 773 5s | Haines Company Inc. |
| 1999 | OKSHOES | Haines & Company |

S HALSTED ST

11414 S HALSTED ST

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|--------------------------|-------------------------------|
| 2008 | JEWEL OSCO | Cole Information Services |
| | JEWEL OSCO 3089 | Cole Information Services |
| | OSCO DRUG PHARMACY | Cole Information Services |
| | TCF NATIONAL BANK | Cole Information Services |
| | VICTORS VALET | Cole Information Services |
| 2005 | JEWEL OSCO STORES | Haines Company Inc. |
| | MOSE VICTORS VALET INC | Haines Company Inc. |
| | SOUTH OSCO DRUG PHAR/GEN | Haines Company Inc. |
| 1999 | JEWEL OSCO STORES | Haines & Company |
| | SOUTH OSCO DRUG PHAR | Haines & Company |
| 1986 | General Merchandise | Illinois Bell Telephone |
| | Pharmacy | Illinois Bell Telephone |
| | Stores | Illinois Bell Telephone |
| 1981 | Bakery | Reuben H. Donnelley Telephone |
| | Chefs Kitchen | Reuben H. Donnelley Telephone |
| | Fashion Island | Reuben H. Donnelley Telephone |
| | Stores | Reuben H. Donnelley Telephone |

FINDINGS

S. Halsted Street

11414 S. Halsted Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|--------------------|--------------------------|-------------------------------|
| 2005 | JEWELOSCOSTORES | Haines Company Inc. |
| | MOSE VICTORS VALET INC | Haines Company Inc. |
| | SOUTH OSCO DRUG PHAR/GEN | Haines Company Inc. |
| 1999 | JEWEL OSCO STORES | Haines & Company |
| | SOUTH OSCO DRUG PHAR | Haines & Company |
| 1986 | General Merchandise | Illinois Bell Telephone |
| | Pharmacy | Illinois Bell Telephone |
| | Stores | Illinois Bell Telephone |
| 1981 | Bakery | Reuben H. Donnelley Telephone |
| | Chefs Kitchen | Reuben H. Donnelley Telephone |
| | Fashion Island | Reuben H. Donnelley Telephone |
| | Stores | Reuben H. Donnelley Telephone |

11420 S. Halsted Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|--------------------|--------------------|----------------------|
|--------------------|--------------------|----------------------|

11442 S. Halsted Street

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|--------------------|--------------------|----------------------|
| 2005 | OKSHOES 773 5s | Haines Company Inc. |
| 1999 | OKSHOES | Haines & Company |

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

115TH

833 115TH

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|---------------|-------------------------|
| 1949 | Winsberg Mayo | Illinois Bell Telephone |

835 115TH

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-------------------------|
| 1949 | residence | Illinois Bell Telephone |

115TH ST

817 115TH ST

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------|-------------------------|
| 1949 | Gardner C J | Illinois Bell Telephone |

W 115

833 W 115

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|-------------|-------------------------------|---|
| 1976 | WILTON NORMAN M OFC | Illinois Bell Telephone |
| | PILLSBURY PLAYTHINGS | Illinois Bell Telephone |
| | WILTON ENTERPRISES INC PUBR | Illinois Bell Telephone |
| | WILTON SCHOOL OF CAKE DECORTG | Illinois Bell Telephone |
| | WILTON WEDDING CAKES | Illinois Bell Telephone |
| 1966 | WILTON ENTERPRISES INC PUBR | The Reuben H. Donnelley Telephone Directory Company |
| | WILTON NORMAN M OFC | The Reuben H. Donnelley Telephone Directory Company |
| | WILTON WEDDING CAKES | The Reuben H. Donnelley Telephone Directory Company |
| | WILTON SCHL OF CAKE DECORTG | The Reuben H. Donnelley Telephone Directory Company |

FINDINGS

W 115TH ST

833 W 115TH ST

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|--------------------|-------------------------|---------------------------|
| 2013 | WALGREENS | Cole Information Services |
| 2008 | WALGREENS | Cole Information Services |
| | WALGREENS PHARMACY 9357 | Cole Information Services |

839 W 115TH ST

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|--------------------|--------------------|---------------------------|
| 2013 | SHOE FASHION | Cole Information Services |

843 W 115TH ST

| <u>Year</u> | <u>Uses</u> | <u>Source</u> |
|--------------------|--------------------|---------------------------|
| 2013 | J & J NAILS | Cole Information Services |

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

830 W. 115th Street

Address Not Identified in Research Source

2013, 1993, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

817 115TH ST

Address Not Identified in Research Source

2013, 2008, 2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1947, 1941, 1932, 1931, 1928, 1923

833 115TH

2013, 2008, 2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1947, 1941, 1932, 1931, 1928, 1923

833 W 115

2013, 2008, 2005, 1999, 1993, 1986, 1981, 1971, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

833 W 115TH ST

2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

835 115TH

2013, 2008, 2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1947, 1941, 1932, 1931, 1928, 1923

839 W 115TH ST

2008, 2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

843 W 115TH ST

2008, 2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

APPENDIX E
QUESTIONNAIRE

ASTM1527-05 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

| |
|---|
| SITE NAME: 115TH AND HALSTED |
| SITE ADDRESS: 11419 S. HALSTED, 11420 S. HALSTED |
| DATE: 4/30/14 |
| TETRA TECH PROJECT NUMBER: |
| PREPARED BY: xxx (Owner), xxx (Occupant), xxx (Tetra Tech) |
| COMPANY: Tetra Tech |

GENERAL QUESTIONS REGARDING PROPERTY CONDITION

ASTM RELATED QUESTIONS

| QUESTION | Owner | | | Occupant | | | Observed | | | COMMENTS |
|---|-------|---|---|----------|---|---|----------|---|---|----------|
| | Y | N | U | Y | N | U | Y | N | U | |
| 1a Is the property used for an industrial use? | | | | | | | | X | | |
| 1b Is any adjoining property used for an industrial use? | | | | | | | | X | | |
| 2a Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past? | | | | | | | | X | | |
| 2b Did you observe evidence or do you have any prior knowledge that the adjoining property has been used for an industrial use in the past? | | | | | | | | X | | |
| 3a Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.) | | | | | | | | X | | |
| 3b Is the adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? (If applicable, identify which.) | | | | | | | | X | | |

ASTM1527-05 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

| QUESTION | | Owner | | | Occupant | | | Observed | | | COMMENTS |
|----------|---|-------|---|---|----------|---|---|----------|---|---|----------|
| | | Y | N | U | Y | N | U | Y | N | U | |
| 4a | Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment storage, disposal, processing, or recycling facility? (If applicable, identify which.) | | | | | | | | X | | |
| 4b | Did you observe evidence or do you have any prior knowledge that the adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment storage, disposal, processing, or recycling facility? (If applicable, identify which.) | | | | | | | | X | | |
| 5a | Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints or other chemicals in individual containers of > 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility? | | | | | | | | X | | |
| 5b | Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints or other chemicals in individual containers of > 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility? | | | | | | | | X | | |
| 6a | Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility? | | | | | | | | X | | |
| 6b | Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility? | | | | | | | | X | | |
| 7a | Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site? | | | | | | | | X | | |
| 7b | Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin? | | | | | | | | X | | |

ASTM1527-05 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

| QUESTION | Owner | | | Occupant | | | Observed | | | COMMENTS |
|----------|--|---|---|----------|---|---|----------|---|---|----------|
| | Y | N | U | Y | N | U | Y | N | U | |
| 8a | Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal? | | | | | | | | | |
| 8b | Did you observe evidence or do you have any prior knowledge that there have been previously any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal? | | | | | | | | | |
| 9a | Is there currently any stained soil on the property? | | | | | | | | | |
| 9b | Did you observe evidence or do you have any prior knowledge that there has been previously any stained soil on the property? | | | | | | | | | |
| 10a | Are there currently any registered or unregistered storage tanks (above or underground) located on the property? | | | | | | | | | |
| 10b | Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property? | | | | | | | | | |
| 11a | Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure on the property? | | | | | | | | | |
| 11b | Did you observe evidence or do you have any prior knowledge that there have been previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? | | | | | | | | | |
| 12a | Are there currently any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors? | | | | | | | | | |
| 12b | Did you observe evidence or do you have any prior knowledge that there have been previously any flooring, drains, or walls within the facility that are stained by substances other than water or were emitting foul odors? | | | | | | | | | |

ASTM1527-05 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

| QUESTION | | Owner | | | Occupant | | | Observed | | | COMMENTS |
|----------|---|-------|---|---|----------|---|---|----------|---|---|----------|
| | | Y | N | U | Y | N | U | Y | N | U | |
| 13a | If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system? | | | | | | | | X | | |
| 13b | If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency? | | | | | | | | X | | |
| 14 | Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property? | | | | | | | | | X | |
| 15a | Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property? | | | | | | | | | X | |
| 15b | Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property? | | | | | | | | | X | |
| 15c | Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property? | | | | | | | | | X | |
| 15d | Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property? | | | | | | | | | X | |
| 16 | Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property? | | | | | | | | | X | |

ASTM1527-05 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

| QUESTION | | Owner | | | Occupant | | | Observed | | | COMMENTS |
|----------|--|-------|---|---|----------|---|---|----------|---|---|----------|
| | | Y | N | U | Y | N | U | Y | N | U | |
| 17 | Does the owner or occupant of the property know of any past, threatened , or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property? | | | | | | | | | X | |
| 18a | Does the property discharge waste water, on or adjacent to the property, other than storm water, into a storm water sewer system? | | | | | | | | | X | |
| 18b | Does the property discharge waste water, on or adjacent to the property, other than storm water, into a sanitary sewer system? | | | | | | | | | X | |
| 19 | Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property? | | | | | | | | X | | |
| 20 | Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs? | | | | | | | | | X | |
| 21 | Is there any knowledge of a valuation reduction for the property based upon environmental issues? | | | | | | | | | X | |
| 22a | Is there any knowledge of activity and use limitations placed on the property due to residual contamination? | | | | | | | | X | | |
| 22b | Is there any knowledge of activity and use limitations placed on adjacent properties due to residual contamination? | | | | | | | | | X | |
| 23a | Is there any knowledge of the property being abandoned or evidence of unauthorized uses or uncontrolled access to the property? | | | | | | | | X | | |
| 23b | Is there any knowledge of an adjacent property being abandoned or evidence of unauthorized uses or uncontrolled access to the property? | | | | | | | | X | | |

ASTM1527-05 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

| NON-ASTM RELATED QUESTIONS | | | | | | | | | | | | |
|----------------------------|---|---|---|----------|---|---|----------|---|---|----------|--|--|
| QUESTION | Owner | | | Occupant | | | Observed | | | COMMENTS | | |
| | Y | N | U | Y | N | U | Y | N | U | | | |
| 21 | Are there any wetland or floodplains? (100-year or 500-year floodplains?) | | | | | | | | | | | |
| 22 | Any known or suspect asbestos-containing materials? What year was the property/structure constructed? | | | | | | | | | | | |
| 23 | Any known or suspect lead-based paint? Date constructed? | | | | | | | | | | | |
| 24 | Radon issues? How long will the area be occupied? Is the area in a basement? | | | | | | | | | | | |
| FOR ACTIVE FACILITIES | | | | | | | | | | | | |
| QUESTION | Owner | | | Occupant | | | Observed | | | COMMENTS | | |
| | Y | N | U | Y | N | U | Y | N | U | | | |
| 25 | Any visual signs of indoor air quality issues? For example excessive dust, smells, or mold observed on the walls? | | | | | | | | | | | |
| 26 | Community Right to Know posting of Materials Safety Data Sheets and/or other health related information? | | | | | | | | | | | |
| 27 | Are employees wearing PPE for work conditions noted? For example, hard-toed shoes, hard hat, safety glasses, hearing protection, etc? | | | | | | | | | | | |
| 28 | Does there appear to be excessive noise issues? | | | | | | | | | | | |
| 29 | Other potential unsafe working conditions identified? | | | | | | | | | | | |
| 30 | Health and safety gear observed, such as, first aid kits, fire extinguishers, or eye wash stations? | | | | | | | | | | | |
| 31 | Are there any pits, tanks, or sumps that must be entered by employees that may be a confined space? | | | | | | | | | | | |

ASTM1527-05 ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

| GOVERNMENT RECORDS/HISTORICAL SOURCES INQUIRY | | | | | |
|---|--|-------------------|----------|-----------------|-----------------|
| 32 | Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below: | Y | N | COMMENTS | |
| | National Priorities List – within 1.0 mile (1.6 Km)? | | | UNKNOWN | |
| | CERCLIS List – within 0.5 mile (0.8 Km)? | | | " | |
| | RCRA CORRACTS Facilities – within 1.0 mile (1.6 Km)? | | | " | |
| | RCRA non-CORRACTS TSD Facilities – within 0.5 mile (0.8 Km)? | | | " | |
| 33 | Do any of the following state record systems list the property or any property within the circumference of the area noted below: | Y | N | COMMENTS | |
| | List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state equivalent to National Priorities List – within 1.0 mile (1.6 Km)? | | | UNKNOWN | |
| | List maintained by state environmental agency of sites identified for investigation or remediation that is the state equivalent to CERCLIS List – within 0.5 mile (0.8 Km)? | | | " | |
| | Leaking Underground Storage Tank (LUST) List – within 0.5 mile (0.8 Km)? | | | " | |
| | Solid Waste/Landfill Facilities – within 0.5 mile (0.8 Km)? | | | " | |
| 34 | Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property? | Y | N | N/A | COMMENTS |
| | | | | X | |
| KEY: Y = YES, N = NO, U = UNKNOWN, N/A = NOT APPLICABLE | | | | | |
| Prepared by: <u>EDWARDS LEWIS, DDD</u> (Occupant), and Lance Summers (Tetra Tech) | | | | | |
| Signature: | Date: | Signature: | | Date: | |
| Tetra Tech EM Inc. | | | | | |

APPENDIX F
REGULATORY DATABASE INFORMATION AND VAPOR
INTRUSION SCREEN

Chicago 115th and Halsted

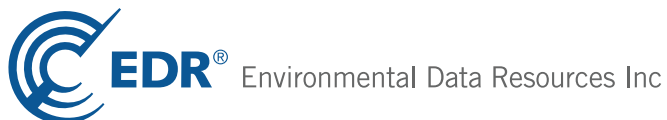
830 W. 115th Street

Chicago, IL 60643

Inquiry Number: 3921318.2s

April 23, 2014

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

830 W. 115TH STREET
CHICAGO, IL 60643

COORDINATES

Latitude (North): 41.6861000 - 41° 41' 9.96"
Longitude (West): 87.6439000 - 87° 38' 38.04"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 446410.9
UTM Y (Meters): 4614912.5
Elevation: 619 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41087-F6 BLUE ISLAND, IL
Most Recent Revision: 1997

East Map: 41087-F5 LAKE CALUMET, IL IN
Most Recent Revision: 1997

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

IL SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to
State Surcharge
IL LF SPECIAL WASTE..... Special Waste Site List
IL NIPC..... Solid Waste Landfill Inventory
IL CCDD..... Clean Construction or Demolition Debris

State and tribal leaking storage tank lists

IL LUST TRUST..... Underground Storage Tank Fund Payment Priority List
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

IL ENG CONTROLS..... Sites with Engineering Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

State and tribal Brownfields sites

IL BROWNFIELDS..... Municipal Brownfields Redevelopment Grant Program Project Descriptions

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

IL CDL..... Meth Drug Lab Site Listing

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

IL SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data

DOD..... Department of Defense Sites

FUDS..... Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

ROD..... Records Of Decision

UMTRA..... Uranium Mill Tailings Sites

US MINES..... Mines Master Index File

TRIS..... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

MLTS..... Material Licensing Tracking System

RADINFO..... Radiation Information Database

RAATS..... RCRA Administrative Action Tracking System

RMP..... Risk Management Plans

IL NPDES..... A Listing of Active Permits

IL HWAR..... Hazard Waste Annual Report

EXECUTIVE SUMMARY

| | |
|-----------------------------|--|
| IL DRYCLEANERS..... | Illinois Licensed Drycleaners |
| IL IMPDMNT..... | Surface Impoundment Inventory |
| IL AIRS..... | AIRS |
| IL TIER 2..... | Tier 2 Information Listing |
| INDIAN RESERV..... | Indian Reservations |
| SCRD DRYCLEANERS..... | State Coalition for Remediation of Drycleaners Listing |
| IL BOL..... | Bureau of Land Inventory Database |
| IL PIMW..... | Potentially Infectious Medical Waste |
| IL Financial Assurance..... | Financial Assurance Information Listing |
| IL COAL ASH..... | Coal Ash Site Listing |
| EPA WATCH LIST..... | EPA WATCH LIST |
| PCB TRANSFORMER..... | PCB Transformer Registration Database |
| COAL ASH EPA..... | Coal Combustion Residues Surface Impoundments List |
| 2020 COR ACTION..... | 2020 Corrective Action Program List |
| US FIN ASSUR..... | Financial Assurance Information |
| COAL ASH DOE..... | Steam-Electric Plant Operation Data |
| LEAD SMELTERS..... | Lead Smelter Sites |
| US AIRS..... | Aerometric Information Retrieval System Facility Subsystem |
| PRP..... | Potentially Responsible Parties |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

IL RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank
IL RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
IL RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

EXECUTIVE SUMMARY

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------------------|------------------------|--------------------------------|---------------|-------------|
| <i>WEST PULLMAN WORKS-FORMERLY</i> | <i>1015 W 120TH ST</i> | <i>SSW 1/2 - 1 (0.643 mi.)</i> | <i>53</i> | <i>57</i> |

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|----------------------------------|-----------------------|-----------------------------|---------------|-------------|
| <i>CHICAGO HOSUING AUTHORITY</i> | <i>833 W 115TH ST</i> | <i>0 - 1/8 (0.000 mi.)</i> | <i>A1</i> | <i>8</i> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-----------------------------|------------------------|----------------------------------|---------------|-------------|
| <i>QUALITY MUFFLER</i> | <i>11453 S HALSTED</i> | <i>ESE 0 - 1/8 (0.026 mi.)</i> | <i>C18</i> | <i>24</i> |
| <i>ROSELAND AUTO BODY</i> | <i>821 W 116TH ST</i> | <i>SSE 0 - 1/8 (0.124 mi.)</i> | <i>G29</i> | <i>32</i> |
| <i>KLEEN TOWNE CLEANERS</i> | <i>11249 S HALSTED</i> | <i>NNE 1/8 - 1/4 (0.188 mi.)</i> | <i>H36</i> | <i>41</i> |
| <i>LONGS GARDEN CENTER</i> | <i>11226 S HALSTED</i> | <i>NNE 1/8 - 1/4 (0.215 mi.)</i> | <i>H38</i> | <i>43</i> |

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--------------------------------|-------------------------|----------------------------------|---------------|-------------|
| <i>PEP BOYS #891</i> | <i>11550 SO HALSTED</i> | <i>SSE 0 - 1/8 (0.071 mi.)</i> | <i>D19</i> | <i>25</i> |
| <i>FRANKS AUTO REPAIR SHOP</i> | <i>1119 W 115TH ST</i> | <i>WSW 1/8 - 1/4 (0.249 mi.)</i> | <i>K46</i> | <i>50</i> |

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

IL SSU: The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

A review of the IL SSU list, as provided by EDR, and dated 02/03/2014 has revealed that there is 1 IL SSU site within approximately 1 mile of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|--------------------|-----------------------------|---------------|-------------|
| DUTCH BOY PAINT | 12042 SOUTH PEORIA | S 1/2 - 1 (0.684 mi.) | 54 | 64 |

State and tribal leaking storage tank lists

IL LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the IL LUST list, as provided by EDR, and dated 12/04/2013 has revealed that there are 10 IL LUST sites within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|--------------------------------|----------------------------------|---------------|-------------|
| CHICAGO HOUSING AUTHORITY
NFA/NFR Letter: 11/01/2010 | 833 WEST 115TH ST. | 0 - 1/8 (0.000 mi.) | A3 | 10 |
| TAWIL, TAWFIQ
NFA/NFR Letter: 07/18/2007 | 1200 WEST 111TH ST. | NW 1/4 - 1/2 (0.487 mi.) | 51 | 56 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
| AMOCO OIL
NFA/NFR Letter: 09/05/2003 | 11500 SOUTH HALSTED STR | SE 0 - 1/8 (0.002 mi.) | A9 | 15 |
| MOBIL CARWASH
NFA/NFR Letter: 11/15/2002 | 11501 SOUTH HALSTED STR | SE 0 - 1/8 (0.006 mi.) | A12 | 17 |
| FIRST COOK COMM. BANK
NFA/NFR Letter: 08/18/1992 | 11453 SOUTH HALSTED ST. | ESE 0 - 1/8 (0.026 mi.) | C17 | 23 |
| E.J. BROWNLEE TRANSPORTATION
NFA/NFR Letter: 04/01/1999 | 1001 WEST 115TH ST. | WSW 0 - 1/8 (0.099 mi.) | F23 | 29 |
| LONGS GARDEN CENTER
NFA/NFR Letter: 02/19/1999 | 11226 S HALSTED | NNE 1/8 - 1/4 (0.215 mi.) | H38 | 43 |
| PUBLIC PETROLEUM CO. | 11656 SOUTH HALSTED | SSE 1/8 - 1/4 (0.231 mi.) | I42 | 46 |
| SHERWIN WILLIAMS PAINT COMPANY | 549 115TH STREET | E 1/4 - 1/2 (0.278 mi.) | 47 | 52 |
| STATEWIDE MORTGAGE | 11501 SOUTH RACINE | W 1/4 - 1/2 (0.333 mi.) | 48 | 53 |

State and tribal registered storage tank lists

IL UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the IL UST list, as provided by EDR, and dated 01/27/2014 has revealed that there are 11

EXECUTIVE SUMMARY

IL UST sites within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|----------------|-----------------------------|---------------|-------------|
| CHA WAREHOUSE | 833 W 115TH ST | 0 - 1/8 (0.000 mi.) | A2 | 10 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--------------------------------|--------------------------------|-------------------------------|---------------|-------------|
| AMOCO OIL | 11500 SOUTH HALSTED STR | SE 0 - 1/8 (0.002 mi.) | A9 | 15 |
| FORMER CHA WAREHOUSE | 901 W. 115TH STREET | SE 0 - 1/8 (0.006 mi.) | A10 | 16 |
| MOBIL CARWASH | 11501 SOUTH HALSTED STR | SE 0 - 1/8 (0.006 mi.) | A12 | 17 |
| MCDONALD'S CORP. | 11421 S. HALSTED STREET | ENE 0 - 1/8 (0.007 mi.) | B13 | 19 |
| 0415 CLARK SER STATION | 11525 S HALSTED ST | SE 0 - 1/8 (0.018 mi.) | A15 | 20 |
| FORMER QUALITY MUFFLER SHOP | 11453 S HALSTED ST | ESE 0 - 1/8 (0.026 mi.) | C16 | 21 |
| WHITMAL OIL SER INC | 11328 S HALSTED | NNE 0 - 1/8 (0.087 mi.) | E21 | 27 |
| E J BROWNLEE TRANSPORTATION IN | 1001 W 115TH ST | WSW 0 - 1/8 (0.099 mi.) | F24 | 30 |
| DEVOTION UNISEX BEAUTY SALON | 11300 S HALSTED ST | NNE 0 - 1/8 (0.121 mi.) | E25 | 30 |
| LONG-GARDEN-CENTER INC | 11226 S HALSTED | NNE 1/8 - 1/4 (0.215 mi.) | H39 | 45 |

State and tribal institutional control / engineering control registries

IL INST CONTROL: Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

A review of the IL INST CONTROL list, as provided by EDR, and dated 01/17/2014 has revealed that there is 1 IL INST CONTROL site within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|---------------------------------------|--------------------------------|--------------------------------|---------------|-------------|
| SHELDON HEIGHTS CHURCH OF CHRI | 11819-11849 SOUTH GREEN | S 1/4 - 1/2 (0.401 mi.) | 49 | 54 |

State and tribal voluntary cleanup sites

IL SRP: Illinois Environmental Protection Agency, Site Remediation Program Database

A review of the IL SRP list, as provided by EDR, and dated 01/17/2014 has revealed that there are 6 IL SRP sites within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|----------------------------------|---------------------------|-----------------------------|---------------|-------------|
| CHICAGO HOUSING AUTHORITY | 833 WEST 115TH ST. | 0 - 1/8 (0.000 mi.) | A3 | 10 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|---------------------------------------|--------------------------------|----------------------------------|---------------|-------------|
| KLEENE TOWNE CLEANERS | 11249 SOUTH HALSTED STR | NNE 1/8 - 1/4 (0.188 mi.) | H34 | 35 |
| PUBLIC PETROLEUM CO. | 11656 SOUTH HALSTED | SSE 1/8 - 1/4 (0.231 mi.) | I42 | 46 |
| SHELDON HEIGHTS CHURCH OF CHRI | 11819-11849 SOUTH GREEN | S 1/4 - 1/2 (0.401 mi.) | 49 | 54 |
| WIRA STUDY AREAS 1 AND 2 | 11701 SOUTH RACINE AVEN | SW 1/4 - 1/2 (0.434 mi.) | 50 | 55 |
| WIRA EAST INGERSOLL PROPERTY | 920 WEST 119TH STREET | S 1/4 - 1/2 (0.499 mi.) | 52 | 56 |

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|------------------------|--------------------------------|---------------|-------------|
| <i>AMOCO 5954</i> | <i>11500 S HALSTED</i> | <i>SE 0 - 1/8 (0.002 mi.)</i> | <i>A7</i> | <i>13</i> |
| <i>BROWNLEE E J TRANS INC</i> | <i>1001 W 115TH ST</i> | <i>WSW 0 - 1/8 (0.099 mi.)</i> | <i>F22</i> | <i>28</i> |

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-----------------------------|------------------------|----------------------------------|---------------|-------------|
| <i>KLEEN TOWNE CLEANERS</i> | <i>11249 S HALSTED</i> | <i>NNE 1/8 - 1/4 (0.188 mi.)</i> | <i>H36</i> | <i>41</i> |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 14 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------------|-----------------------------|---------------|-------------|
| NOVAK CHAS W | 11500 S HALSTED | 0 - 1/8 (0.000 mi.) | A5 | 12 |
| Not reported | 11500 S HALSTED ST | SE 0 - 1/8 (0.002 mi.) | A6 | 12 |
| G & Z AMOCO | 11500 S HALSTED ST | SE 0 - 1/8 (0.002 mi.) | A8 | 14 |
| Not reported | 11501 S HALSTED ST | SE 0 - 1/8 (0.006 mi.) | A11 | 17 |
| BOB S SUPER 100 | 11525 S HALSTED PKWY | SE 0 - 1/8 (0.018 mi.) | A14 | 20 |
| Not reported | 11550 S HALSTED ST | SSE 0 - 1/8 (0.082 mi.) | D20 | 27 |

EXECUTIVE SUMMARY

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|----------------------------|-----------------------|-----------------------------|---------------|-------------|
| Not reported | 821 W 116TH ST | SSE 0 - 1/8 (0.124 mi.) | G28 | 31 |
| MIDAS AUTO SERVICE EXPERTS | 11641 SOUTH HALSTED S | SSE 1/8 - 1/4 (0.150 mi.) | G30 | 34 |
| Not reported | 11641 S HALSTED ST | SSE 1/8 - 1/4 (0.150 mi.) | G31 | 34 |
| B AND G SERVICE STA | 11656 S HALSTED PKWY | SSE 1/8 - 1/4 (0.230 mi.) | I40 | 46 |
| PHILLIPS | 11656 S HALSTED | SSE 1/8 - 1/4 (0.231 mi.) | I41 | 46 |
| CAR X AUTO SERVICE | 11203 S HALSTED ST | NNE 1/8 - 1/4 (0.244 mi.) | J43 | 48 |
| Not reported | 11200 S HALSTED ST | NNE 1/8 - 1/4 (0.246 mi.) | J44 | 48 |
| FRANK S AUTO REPAIR SHOP | 1119 W 115TH ST CIR | WSW 1/8 - 1/4 (0.249 mi.) | K45 | 49 |

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 7 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

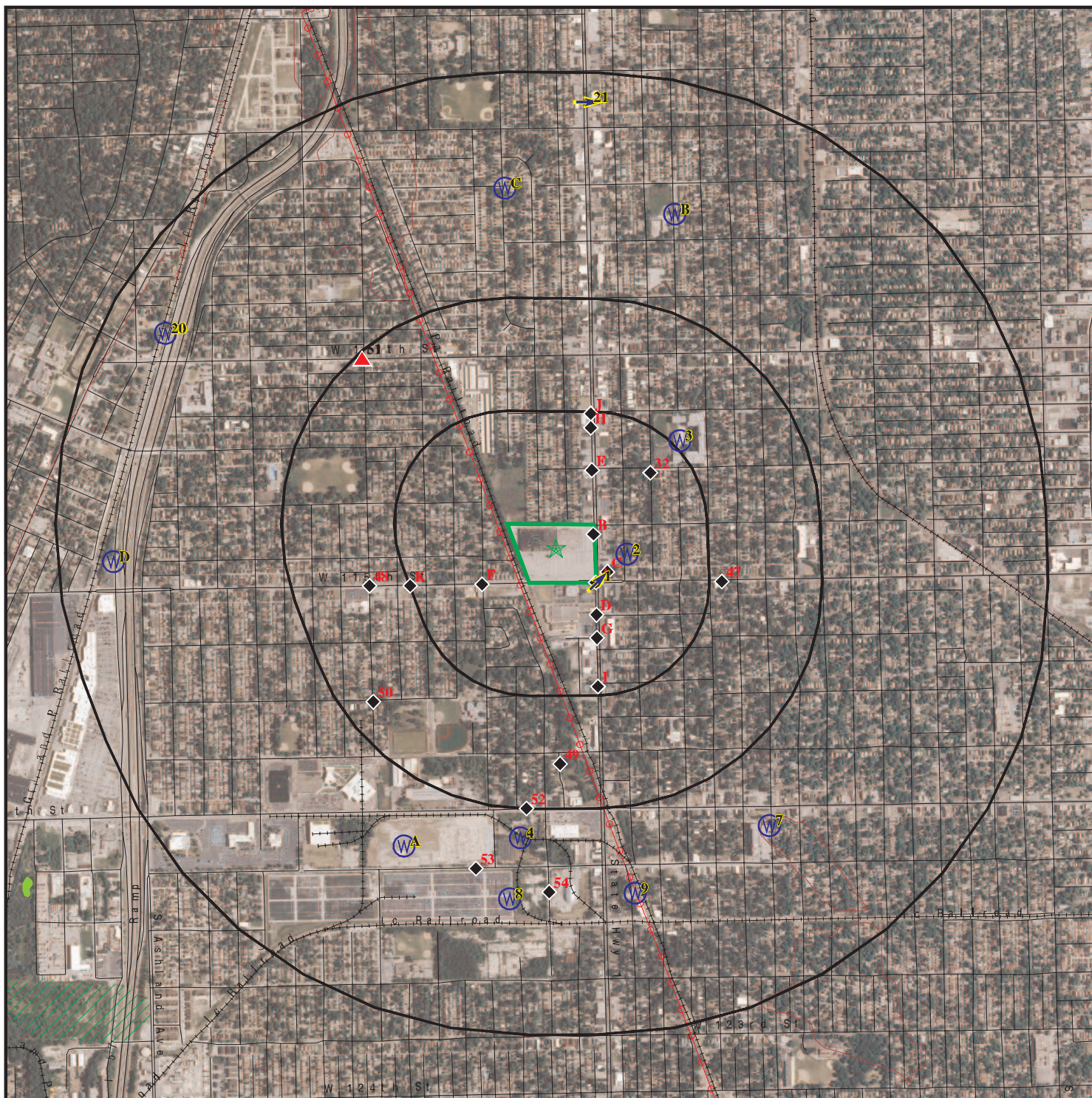
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------------|-----------------------------|---------------|-------------|
| Not reported | 11414 S HALSTED ST | 0 - 1/8 (0.000 mi.) | B4 | 11 |
| PRIDJIAN K A AND CO | 11600 S HALSTED PKWY | SSE 0 - 1/8 (0.123 mi.) | G26 | 31 |
| PRIDJIAN K A & CO | 11600 S HALSTED ST | SSE 0 - 1/8 (0.123 mi.) | G27 | 31 |
| Not reported | 11306 S UNION AVE | NE 1/8 - 1/4 (0.169 mi.) | 32 | 35 |
| Not reported | 11251 S HALSTED ST | NNE 1/8 - 1/4 (0.186 mi.) | H33 | 35 |
| KLEEN TOWNE CLNRS | 11249 S HALSTED ST | NNE 1/8 - 1/4 (0.188 mi.) | H35 | 41 |
| KLEEN TOWNE CLNRS | 11249 S HALSTED PKWY | NNE 1/8 - 1/4 (0.189 mi.) | H37 | 43 |

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

| <u>Site Name</u> | <u>Database(s)</u> |
|--|-----------------------------|
| CHICAGO COPPER AND CHEMICAL COMPAN
US SCRAP | CERCLIS
CERCLIS, CONSENT |
| CHICAGO DEPT STREETS & SANITATION | CERC-NFRAP |
| CHICAGO, CITY OF ABANDONMENT | RCRA-SQG, FINDS |
| CITY OF CHICAGO | RCRA-SQG, FINDS |
| ILDOT HALSTED ST | RCRA NonGen / NLR |
| CITY OF CHICAGO | RCRA NonGen / NLR, FINDS |
| CHICAGO HOUSING AUTHORITY | RCRA NonGen / NLR, FINDS |
| CITY OF CHICAGO CDOT BRIDGES | RCRA NonGen / NLR, FINDS |
| CHICAGO POLICE HDQTRS | RCRA-CESQG, FINDS |
| NORTH CHICAGO RIVER CONTROL WORKS | RCRA-CESQG, FINDS |
| CHICAGO HOUSING AUTHORITY | RCRA-CESQG, FINDS |
| CHICAGO TRANSIT AUTHORITY | FINDS |
| CHICAGO STREETS DEPT - FUEL PROCES | FINDS, IL AIRS |
| CHICAGO METHYL PARATHION SITES | FINDS |
| UNIVERSITY OF CHICAGO | FINDS |
| UNIVERSITY OF ILLINOIS AT CHICAGO | FINDS, IL AIRS |
| CHICAGO DEPT OF PUBLIC HEALTH, CIT | FINDS |
| DELTA AIR LINES - CHICAGO | FINDS |
| CHICAGO STATE UNIVERSITY | MLTS |

OVERVIEW MAP - 3921318.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

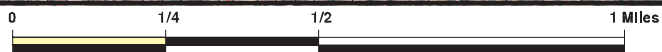
Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory










This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: Chicago 115th and Halsted
 ADDRESS: 830 W. 115th Street
 Chicago IL 60643
 LAT/LONG: 41.6861 / -87.6439

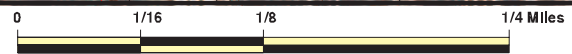
CLIENT: Tetra Tech EM, Inc.
 CONTACT: Lance Summers
 INQUIRY #: 3921318.2s
 DATE: April 23, 2014 1:13 pm

DETAIL MAP - 3921318.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| <p>SITE NAME: Chicago 115th and Halsted
 ADDRESS: 830 W. 115th Street
 Chicago IL 60643
 LAT/LONG: 41.6861 / -87.6439</p> | <p>CLIENT: Tetra Tech EM, Inc.
 CONTACT: Lance Summers
 INQUIRY #: 3921318.2s
 DATE: April 23, 2014 1:16 pm</p> |
|---|---|

MAP FINDINGS SUMMARY

| Database | Search
Distance
(Miles) | Target
Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total
Plotted |
|--|-------------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| STANDARD ENVIRONMENTAL RECORDS | | | | | | | | |
| <i>Federal NPL site list</i> | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Federal Delisted NPL site list</i> | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Federal CERCLIS list</i> | | | | | | | | |
| CERCLIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal CERCLIS NFRAP site List</i> | | | | | | | | |
| CERC-NFRAP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal RCRA CORRACTS facilities list</i> | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| <i>Federal RCRA non-CORRACTS TSD facilities list</i> | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal RCRA generators list</i> | | | | | | | | |
| RCRA-LQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| RCRA-SQG | 0.250 | | 3 | 2 | NR | NR | NR | 5 |
| RCRA-CESQG | 0.250 | | 1 | 1 | NR | NR | NR | 2 |
| <i>Federal institutional controls /
engineering controls registries</i> | | | | | | | | |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal ERNS list</i> | | | | | | | | |
| ERNS | TP | | NR | NR | NR | NR | NR | 0 |
| <i>State- and tribal - equivalent CERCLIS</i> | | | | | | | | |
| IL SSU | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| <i>State and tribal landfill and/or
solid waste disposal site lists</i> | | | | | | | | |
| IL SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL LF SPECIAL WASTE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL NIPC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL CCDD | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>State and tribal leaking storage tank lists</i> | | | | | | | | |
| IL LUST | 0.500 | | 5 | 2 | 3 | NR | NR | 10 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| IL LUST TRUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal registered storage tank lists | | | | | | | | |
| IL UST | 0.250 | | 10 | 1 | NR | NR | NR | 11 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| State and tribal institutional control / engineering control registries | | | | | | | | |
| IL ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL INST CONTROL | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| State and tribal voluntary cleanup sites | | | | | | | | |
| IL SRP | 0.500 | | 1 | 2 | 3 | NR | NR | 6 |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal Brownfields sites | | | | | | | | |
| IL BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ADDITIONAL ENVIRONMENTAL RECORDS | | | | | | | | |
| Local Brownfield lists | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Local Lists of Landfill / Solid Waste Disposal Sites | | | | | | | | |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Local Lists of Hazardous waste / Contaminated Sites | | | | | | | | |
| US CDL | TP | | NR | NR | NR | NR | NR | 0 |
| IL CDL | TP | | NR | NR | NR | NR | NR | 0 |
| US HIST CDL | TP | | NR | NR | NR | NR | NR | 0 |
| Local Land Records | | | | | | | | |
| LIENS 2 | TP | | NR | NR | NR | NR | NR | 0 |
| Records of Emergency Release Reports | | | | | | | | |
| HMIRS | TP | | NR | NR | NR | NR | NR | 0 |
| IL SPILLS | TP | | NR | NR | NR | NR | NR | 0 |
| IL SPILLS 90 | TP | | NR | NR | NR | NR | NR | 0 |
| Other Ascertainable Records | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 2 | 0 | NR | NR | NR | 2 |
| DOT OPS | TP | | NR | NR | NR | NR | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|------------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TRIS | TP | | NR | NR | NR | NR | NR | 0 |
| TSCA | TP | | NR | NR | NR | NR | NR | 0 |
| FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| HIST FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| SSTS | TP | | NR | NR | NR | NR | NR | 0 |
| ICIS | TP | | NR | NR | NR | NR | NR | 0 |
| PADS | TP | | NR | NR | NR | NR | NR | 0 |
| MLTS | TP | | NR | NR | NR | NR | NR | 0 |
| RADINFO | TP | | NR | NR | NR | NR | NR | 0 |
| FINDS | TP | | NR | NR | NR | NR | NR | 0 |
| RAATS | TP | | NR | NR | NR | NR | NR | 0 |
| RMP | TP | | NR | NR | NR | NR | NR | 0 |
| IL UIC | TP | | NR | NR | NR | NR | NR | 0 |
| IL NPDES | TP | | NR | NR | NR | NR | NR | 0 |
| IL HWAR | TP | | NR | NR | NR | NR | NR | 0 |
| NY MANIFEST | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| IL DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| IL IMPDMENT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| IL TIER 2 | TP | | NR | NR | NR | NR | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL BOL | TP | | NR | NR | NR | NR | NR | 0 |
| IL PIMW | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| IL Financial Assurance | TP | | NR | NR | NR | NR | NR | 0 |
| IL COAL ASH | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| EPA WATCH LIST | TP | | NR | NR | NR | NR | NR | 0 |
| PCB TRANSFORMER | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| US FIN ASSUR | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH DOE | TP | | NR | NR | NR | NR | NR | 0 |
| LEAD SMELTERS | TP | | NR | NR | NR | NR | NR | 0 |
| US AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| PRP | TP | | NR | NR | NR | NR | NR | 0 |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

| | | | | | | | | |
|-----------------------|-------|--|---|---|----|----|----|----|
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR US Hist Auto Stat | 0.250 | | 7 | 7 | NR | NR | NR | 14 |
| EDR US Hist Cleaners | 0.250 | | 3 | 4 | NR | NR | NR | 7 |

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

| | | | | | | | | |
|-------------|----|--|----|----|----|----|----|---|
| IL RGA LUST | TP | | NR | NR | NR | NR | NR | 0 |
|-------------|----|--|----|----|----|----|----|---|

MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Search
Distance
(Miles)</u> | <u>Target
Property</u> | <u>< 1/8</u> | <u>1/8 - 1/4</u> | <u>1/4 - 1/2</u> | <u>1/2 - 1</u> | <u>> 1</u> | <u>Total
Plotted</u> |
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|
| IL RGA HWS | TP | | NR | NR | NR | NR | NR | 0 |
| IL RGA LF | TP | | NR | NR | NR | NR | NR | 0 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
 < 1/8
 1 ft.

CHICAGO HOSUING AUTHORITY
833 W 115TH ST
CHICAGO, IL 60643

RCRA-SQG 1000613607
PADS ILD984839035
FINDS

Site 1 of 13 in cluster A

**Relative:
 Higher**

RCRA-SQG:

Date form received by agency: 10/07/1991
 Facility name: CHICAGO HOSUING AUTHORITY
 Facility address: 833 W 115TH ST
 CHICAGO, IL 60643
 EPA ID: ILD984839035
 Mailing address: 22 W MADISON ST RM 221
 CHICAGO, IL 60602
 Contact: EVON PARKS
 Contact address: 22 W MADISON ST RM 221
 CHICAGO, IL 60602
 Contact country: US
 Contact telephone: (312) 791-8500
 Contact email: Not reported
 EPA Region: 05
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Actual:
 619 ft.**

Owner/Operator Summary:

Owner/operator name: CHICAGO HOUSING AUTHORITY
 Owner/operator address: 22 W MADISON STE 400
 CHICAGO, IL 60602
 Owner/operator country: Not reported
 Owner/operator telephone: (312) 791-8444
 Legal status: Municipal
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHICAGO HOSUING AUTHORITY (Continued)

1000613607

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

PADS:

EPAID: ILD984839035
Facility name: CHICAGO HOUSING DEVELOPMENTS
Facility Address: 833 W 115TH ST
CHICAGO, IL 60643
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: CHICAGO HOUSING AUTHORITY
Contact title: Not reported
Contact name: ROWDER, MICHAEL
Contact tel: (312)567-7775
Contact extension: Not reported
Mailing address: 833 W 115TH ST
CHICAGO, IL 60643
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 06/07/1994
Date received: 07/06/1994

FINDS:

Registry ID: 110005898662

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A2 **CHA WAREHOUSE**
833 W 115TH ST
CHICAGO, IL 60643
 < 1/8
 1 ft.
Site 2 of 13 in cluster A

IL UST **U001142187**
 N/A

Relative: UST:
Higher Facility ID: 2026770
 Facility Status: CLOSED
Actual: **Facility Type:** **NONE**
619 ft. Owner Id: U0002876
 Owner Name: Chicago Housing Authority
 Owner Address: 60 East Van Buren, 13th Floor
 Owner City,St,Zip: Chicago, IL 60605

Tank Number: 1
Tank Status: **Removed**
 Tank Capacity: 550
 Tank Substance: Used Oil
 Last Used Date: Not reported
 OSFM First Notify Date: 2/6/1991
 Red Tag Issue Date: Not reported
 Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Self Service Permit Inspection Date: **Not reported**
Self Service Permit Expire Date: **Not reported**
 Fee Due: \$0.00

A3 **CHICAGO HOUSING AUTHORITY**
833 WEST 115TH ST.
CHICAGO, IL 60643
 < 1/8
 1 ft.
Site 3 of 13 in cluster A

IL LUST **S104524777**
IL SRP **N/A**

Relative: LUST:
Higher Incident Num: 921830
 IL EPA Id: 0316755035
Actual: Product: Uset Oil
619 ft. IEMA Date: 07/07/1992
 Project Manager: Myers
 Project Manager Phone: (217) 785-7491
 Email: Dave.Myers@illinois.gov
 PRP Name: Chicago Housing Authority
 PRP Contact: Scott Ammarell
 PRP Address: 60 East VanBuren, 12th Floor
 PRP City,St,Zip: Chicago, IL 60605
 PRP Phone: Not reported
 Site Classification: Not reported
 Section 57.5(g) Letter: 731
 Date Section 57.5(g) Letter: Not reported
 Non LUST Determination Letter: Not reported
 20 Report Received: 11/03/1994
 45 Report Received: 11/22/1994
NFA/NFR Letter: **11/01/2010**
 NFR Date Recorded: Not reported

SRP:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHICAGO HOUSING AUTHORITY (Continued)

S104524777

IL EPA Id: 0316755035
US EPA Id: ILD984839035
Longitude: -87.64337
Latitude: 41.68442
Contact Name: Thomas Morabito
Contact Address: 141 West Jackson Boulevard
Contact Address2: Suite 3540
Contact City,St,Zip: Chicago, IL 60604-
Contact Phone: (312) 327-2700
Date Enrolled: 06/25/2004
Point Of Contact: Richard C. Thomas
Consultant Company: Challenge Contractors, Inc.
Consultant Address: 2612 Flossmoor Road
Consultant Address2: P.O. Box 333
Consultant City,St,Zip: Flossmoor, IL 60422-
Consultant Phone: (708) 206-0007
Proj Mgr Assigned: Irwin
Sec. 4 Letter Date: Not reported
NFR Recorded: Not reported
Active: False
Total Acres: 4.299
No Further Remediation Letter Dt: Not reported
Remediation Applicant Co: Preferred-Halsted LLC
Remediation Applicant Title: Mr.
Remediation Applicant Name: Not reported
Remediation Applicant Company: Not reported
Remediation Applicant Address: Not reported
Remediation Applicant Address 2: Not reported
Remediation Applicant City,St,Zip: Not reported
Illinois EPA: Not reported
Site Name: Not reported
NFR Letter: Not reported
NFR Letter Date Recorded: Not reported
Site Type: Not reported
Comprehensive/Focused: Not reported
Institutional Controls: Not reported
Barrier: Not reported
Worker Caution: Not reported
Acres: Not reported

B4

**< 1/8
1 ft.**

**11414 S HALSTED ST
CHICAGO, IL 60628**

Site 1 of 2 in cluster B

**Relative:
Lower**

EDR Historical Cleaners:
Name: VICTORS VALET DRY CLEANING
Year: 2007
Address: 11414 S HALSTED ST

**Actual:
618 ft.**

**EDR US Hist Cleaners 1014977935
N/A**

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A5 **NOVAK CHAS W** **EDR US Hist Auto Stat** **1009098157**
11500 S HALSTED
< 1/8 **CHICAGO, IL** **N/A**
1 ft.

Site 4 of 13 in cluster A

Relative: EDR Historical Auto Stations:
Lower Name: NOVAK CHAS W
 Year: 1928
Actual: Type: GASOLINE AND OIL SERVICE STATIONS
618 ft.

A6 **11500 S HALSTED ST** **EDR US Hist Auto Stat** **1009074493**
SE **CHICAGO, IL 60628** **N/A**
< 1/8
0.002 mi.
11 ft. **Site 5 of 13 in cluster A**

Relative: EDR Historical Auto Stations:
Lower Name: ART S STANDARD SERV
 Year: 1981
Actual: Type: SERVICE STATIONS GASOLINE AND OIL
618 ft.

Name: G & Z AMOCO
Year: 2001
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2002
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2003
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2004
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2005
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2006
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2007
Address: 11500 S HALSTED ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A7
SE
< 1/8
0.002 mi.
11 ft.

AMOCO 5954
11500 S HALSTED
CHICAGO, IL 60628
Site 6 of 13 in cluster A

RCRA NonGen / NLR 1000862416
FINDS ILD984923177

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 07/13/2007
Facility name: AMOCO 5954
Facility address: 11500 S HALSTED
CHICAGO, IL 60628
EPA ID: ILD984923177
Mailing address: 2021 SPRING RD 400
OAK BROOK, IL 60521
Contact: LINDA CURRAN
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (708) 990-1043
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
618 ft.

Owner/Operator Summary:

Owner/operator name: AMOCO OIL CO
Owner/operator address: 2021 SPRING RD 400
OAK BROOK, IL 60521
Owner/operator country: Not reported
Owner/operator telephone: (708) 990-1043
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/20/1993
Facility name: AMOCO 5954
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO 5954 (Continued)

1000862416

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110005928345

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

A8
SE
< 1/8
0.002 mi.
11 ft.

G & Z AMOCO
11500 S HALSTED ST
CHICAGO, IL
Site 7 of 13 in cluster A

EDR US Hist Auto Stat 1009074404
N/A

Relative:
Lower

EDR Historical Auto Stations:

Name: G & Z AMOCO
Year: 2003
Type: SERVICE STATIONS GAS AND OIL

Actual:
618 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A9
SE
< 1/8
0.002 mi.
11 ft.

AMOCO OIL
11500 SOUTH HALSTED STREET
CHICAGO, IL 60628

Site 8 of 13 in cluster A

IL LUST U004110544
IL UST N/A

Relative:
Lower

LUST:
Incident Num: 923184
IL EPA Id: 0316545010
Product: Gasoline
IEMA Date: 11/12/1992
Project Manager: Friedel
Project Manager Phone: (217) 785-5736
Email: Melinda.Friedel@illinois.gov
PRP Name: Amoco Oil Co.
PRP Contact: Lyle Bruce
PRP Address: 28100 Torch Pkwy., 6-S
PRP City,St,Zip: Warrenville, IL 60555
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 12/01/1992
45 Report Received: 02/16/1993
NFA/NFR Letter: 09/05/2003
NFR Date Recorded: 09/25/2003

Actual:
618 ft.

UST:

Facility ID: 2023001
Facility Status: ACTIVE
Facility Type: SELF-SERVICE STATION
Owner Id: U0034353
Owner Name: Sania Oil Company
Owner Address: 1002 Sean Circle
Owner City,St,Zip: Darien, IL 60561

Tank Number: 1
Tank Status: Currently in use
Tank Capacity: 10000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 4/25/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1979
Green Tag Decal: N001799
Green Tag Issue Date: 6/18/2012
Green Tag Expire Date: 12/31/2014
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: \$0.00

Tank Number: 2
Tank Status: Currently in use
Tank Capacity: 10000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 4/25/1986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO OIL (Continued)

U004110544

Red Tag Issue Date: Not reported
Install Date: 1/1/1979
Green Tag Decal: N001799
Green Tag Issue Date: 6/18/2012
Green Tag Expire Date: 12/31/2014
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: \$0.00

Tank Number: 3
Tank Status: Currently in use
Tank Capacity: 10000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 4/25/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1979
Green Tag Decal: N001799
Green Tag Issue Date: 6/18/2012
Green Tag Expire Date: 12/31/2014
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: \$0.00

A10
SE
< 1/8
0.006 mi.
31 ft.

FORMER CHA WAREHOUSE
901 W. 115TH STREET
CHICAGO, IL 60628

IL UST U003971972
N/A

Site 9 of 13 in cluster A

Relative:
Lower

UST:

Facility ID: 2042212
Facility Status: EXEMPT
Facility Type: NONE
Owner Id: U0027885
Owner Name: Preferred Development
Owner Address: 141 W. Jackson
Owner City,St,Zip: Chicago, IL 60601

Actual:
618 ft.

Tank Number: 1
Tank Status: Exempt from registration
Tank Capacity: 3000
Tank Substance: Heating Oil
Last Used Date: 12/31/1973
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A11
SE
< 1/8
0.006 mi.
32 ft.

11501 S HALSTED ST
CHICAGO, IL 60628

EDR US Hist Auto Stat 1009074020
N/A

Site 10 of 13 in cluster A

Relative:
Lower

EDR Historical Auto Stations:

Name: HALSTED MOBIL
Year: 2003
Type: SERVICE STATIONS GAS AND OIL

Actual:
618 ft.

Name: HALSTED MOBIL
Year: 2004
Address: 11501 S HALSTED ST

Name: HALSTED MOBIL
Year: 2010
Address: 11501 S HALSTED ST

Name: HALSTED MOBIL
Year: 2011
Address: 11501 S HALSTED ST

A12
SE
< 1/8
0.006 mi.
32 ft.

MOBIL CARWASH
11501 SOUTH HALSTED STREET
CHICAGO, IL 60628

IL LUST U000174475
IL UST N/A

Site 11 of 13 in cluster A

Relative:
Lower

LUST:

Incident Num: 990250
IL EPA Id: 0316495058
Product: Gasoline
IEMA Date: 02/05/1999
Project Manager: Malcom
Project Manager Phone: (217) 524-9140
Email: James.Malcom@illinois.gov
PRP Name: Equilon Enterprises LLC
PRP Contact: John Robbins
PRP Address: 603 Diehl Rd., Suite 103
PRP City,St,Zip: Naperville, IL 60563
PRP Phone: 6302764206
Site Classification: HIGH
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 02/10/1999
45 Report Received: 02/26/1999
NFA/NFR Letter: 11/15/2002
NFR Date Recorded: 01/21/2003

Actual:
618 ft.

UST:

Facility ID: 2007045
Facility Status: ACTIVE
Facility Type: SELF-SERVICE STATION
Owner Id: U0034774
Owner Name: Rockbuild Enterprises, Inc.
Owner Address: 3720 Albert Lane
Owner City,St,Zip: Long Grove, IL 60047

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL CARWASH (Continued)

U000174475

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 9520
Tank Substance: Gasoline
Last Used Date: 6/1/2001
OSFM First Notify Date: 4/25/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1973
Green Tag Decal: **O000177**
Green Tag Issue Date: **8/6/2013**
Green Tag Expire Date: **12/31/2015**
Self Service Permit Inspection Date: **8/6/2013**
Self Service Permit Expire Date: **12/31/2015**
Fee Due: \$0.00

Tank Number: 2
Tank Status: **Removed**
Tank Capacity: 9520
Tank Substance: Gasoline
Last Used Date: 6/1/2001
OSFM First Notify Date: 4/25/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1973
Green Tag Decal: **O000177**
Green Tag Issue Date: **8/6/2013**
Green Tag Expire Date: **12/31/2015**
Self Service Permit Inspection Date: **8/6/2013**
Self Service Permit Expire Date: **12/31/2015**
Fee Due: \$0.00

Tank Number: 3
Tank Status: **Removed**
Tank Capacity: 7734
Tank Substance: Gasoline
Last Used Date: 6/1/2001
OSFM First Notify Date: 4/25/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1973
Green Tag Decal: **O000177**
Green Tag Issue Date: **8/6/2013**
Green Tag Expire Date: **12/31/2015**
Self Service Permit Inspection Date: **8/6/2013**
Self Service Permit Expire Date: **12/31/2015**
Fee Due: \$0.00

Tank Number: 4
Tank Status: **Currently in use**
Tank Capacity: 4000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 3/5/2002
Red Tag Issue Date: Not reported
Install Date: 9/5/2001
Green Tag Decal: **O000177**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL CARWASH (Continued)

U000174475

Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
Fee Due: \$0.00

Tank Number: 5
Tank Status: Currently in use
Tank Capacity: 8000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 3/5/2002
Red Tag Issue Date: Not reported
Install Date: 9/5/2001
Green Tag Decal: O000177
Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
Fee Due: \$0.00

Tank Number: 6
Tank Status: Currently in use
Tank Capacity: 12000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 3/5/2002
Red Tag Issue Date: Not reported
Install Date: 9/5/2001
Green Tag Decal: O000177
Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
Fee Due: \$0.00

B13
ENE
< 1/8
0.007 mi.
35 ft.

MCDONALD'S CORP.
11421 S. HALSTED STREET
CHICAGO, IL 60628

IL UST U004107018
N/A

Site 2 of 2 in cluster B

Relative:
Lower

UST:
Facility ID: 2043655
Facility Status: EXEMPT
Facility Type: NONE
Owner Id: U0030322
Owner Name: McDonald's USA, LLC
Owner Address: 4320 Winfield Rd., Suite 400
Owner City,St,Zip: Warrenville, IL 60555

Actual:
618 ft.

Tank Number: 1
Tank Status: Exempt from registration
Tank Capacity: 1150
Tank Substance: Heating Oil
Last Used Date: 12/31/1973

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCDONALD'S CORP. (Continued)

U004107018

OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

A14
SE
< 1/8
0.018 mi.
95 ft.

BOB S SUPER 100
11525 S HALSTED PKWY
CHICAGO, IL
Site 12 of 13 in cluster A

EDR US Hist Auto Stat **1009076533**
N/A

Relative:
Lower

Actual:
618 ft.

EDR Historical Auto Stations:
Name: BOB S SUPER 100
Year: 1981
Type: SERVICE STATIONS GASOLINE AND OIL

A15
SE
< 1/8
0.018 mi.
95 ft.

0415 CLARK SER STATION
11525 S HALSTED ST
CHICAGO, IL 60628
Site 13 of 13 in cluster A

IL UST **U001142318**
N/A

Relative:
Lower

Actual:
618 ft.

UST:
Facility ID: 2009966
Facility Status: CLOSED
Facility Type: NONE
Owner Id: U0003073
Owner Name: Clark Retail Enterprises, Inc.
Owner Address: 3003 Butterfield Road, Suite 300
Owner City,St,Zip: Oak Brook, IL 60523

Tank Number: 1
Tank Status: Removed
Tank Capacity: 5000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 5/2/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: \$100.00

Tank Number: 2
Tank Status: Removed
Tank Capacity: 5000
Tank Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

0415 CLARK SER STATION (Continued)

U001142318

Last Used Date: Not reported
OSFM First Notify Date: 5/2/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: \$100.00

Tank Number: 3
Tank Status: Removed
Tank Capacity: 10000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 5/2/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: \$100.00

C16
ESE
< 1/8
0.026 mi.
135 ft.

FORMER QUALITY MUFFLER SHOP
11453 S HALSTED ST
CHICAGO, IL 60643
Site 1 of 3 in cluster C

IL UST U001141777
N/A

Relative:
Lower

UST:
Facility ID: 2029904
Facility Status: CLOSED
Facility Type: NONE
Owner Id: U0019371
Owner Name: 1St Cook Comm Bk Fsb
Owner Address: 2720 W Devon Ave
Owner City,St,Zip: Chicago, IL 60659

Actual:
618 ft.

Tank Number: 1
Tank Status: Removed
Tank Capacity: 10000
Tank Substance: Gasoline
Last Used Date: 1/1/1989
OSFM First Notify Date: 5/4/1992
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER QUALITY MUFFLER SHOP (Continued)

U001141777

Tank Number: 2
Tank Status: **Removed**
Tank Capacity: 8000
Tank Substance: Gasoline
Last Used Date: 1/1/1989
OSFM First Notify Date: 5/4/1992
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Self Service Permit Inspection Date: **Not reported**
Self Service Permit Expire Date: **Not reported**
Fee Due: Not reported

Tank Number: 3
Tank Status: **Removed**
Tank Capacity: 6000
Tank Substance: Gasoline
Last Used Date: 1/1/1989
OSFM First Notify Date: 5/4/1992
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Self Service Permit Inspection Date: **Not reported**
Self Service Permit Expire Date: **Not reported**
Fee Due: Not reported

Tank Number: 4
Tank Status: **Removed**
Tank Capacity: 2000
Tank Substance: Gasoline
Last Used Date: 1/1/1989
OSFM First Notify Date: 5/4/1992
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Self Service Permit Inspection Date: **Not reported**
Self Service Permit Expire Date: **Not reported**
Fee Due: Not reported

Tank Number: 5
Tank Status: **Removed**
Tank Capacity: 1000
Tank Substance: Gasoline
Last Used Date: 1/1/1989
OSFM First Notify Date: 5/4/1992
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER QUALITY MUFFLER SHOP (Continued)

U001141777

Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
 Fee Due: Not reported

Tank Number: 6
Tank Status: Removed
 Tank Capacity: 550
 Tank Substance: Used Oil
 Last Used Date: 1/1/1989
 OSFM First Notify Date: 5/4/1992
 Red Tag Issue Date: Not reported
 Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
 Fee Due: Not reported

C17
ESE
< 1/8
0.026 mi.
135 ft.

FIRST COOK COMM. BANK
11453 SOUTH HALSTED ST.
CHICAGO, IL 60643
Site 2 of 3 in cluster C

IL LUST S104525208
N/A

Relative:
Lower

LUST:
 Incident Num: 920332
 IL EPA Id: 0316755040
 Product: Gasoline
 IEMA Date: 02/05/1992
 Project Manager: Nickell
 Project Manager Phone: (217) 782-6762
 Email: Not reported
 PRP Name: First Cook Comm. Bank
 PRP Contact: Adam Epstein
 PRP Address: 2720 West Devon Ave.
 PRP City,St,Zip: Chicago, IL 60659
 PRP Phone: Not reported
 Site Classification: Not reported
 Section 57.5(g) Letter: 731
 Date Section 57.5(g) Letter: Not reported
 Non LUST Determination Letter: Not reported
 20 Report Received: 05/12/1992
 45 Report Received: 05/22/1992
NFA/NFR Letter: 08/18/1992
 NFR Date Recorded: Not reported

Actual:
618 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C18
ESE
< 1/8
0.026 mi.
135 ft.

QUALITY MUFFLER
11453 S HALSTED
CHICAGO, IL
Site 3 of 3 in cluster C

RCRA-SQG 1000614937
FINDS ILD984852525

Relative:
Lower

RCRA-SQG:

Date form received by agency: 02/26/1992
Facility name: QUALITY MUFFLER
Facility address: 11453 S HALSTED
CHICAGO, IL 60628
EPA ID: ILD984852525
Mailing address: 2720 W DEVON
CHICAGO, IL 60659
Contact: ADAM EPSTEIN
Contact address: 2720 W DEVON
CHICAGO, IL 60659
Contact country: US
Contact telephone: (312) 761-2700
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: FIRST COOK COMMUNITY BANK
Owner/operator address: 2720 W DEVON
CHICAGO, IL 60659
Owner/operator country: Not reported
Owner/operator telephone: (312) 761-2700
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUALITY MUFFLER (Continued)

1000614937

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110005906742

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D19
SSE
< 1/8
0.071 mi.
375 ft.

PEP BOYS #891
11550 SO HALSTED
CHICAGO, IL

RCRA-CESQG **1004696278**
FINDS **ILR000043224**

Site 1 of 2 in cluster D

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 10/07/1997

Facility name: PEP BOYS #891

Facility address: 11550 SO HALSTED
CHICAGO, IL 60648

EPA ID: ILR000043224

Mailing address: 3111 W ALLEGHENY AVE
PHILADELPHIA, PA 19132

Contact: JOHN KERELO

Contact address: 3111 W ALLEGHENY AVE
PHILADELPHIA, PA 19132

Contact country: US

Contact telephone: (215) 227-9277

Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEP BOYS #891 (Continued)

1004696278

hazardous waste

Owner/Operator Summary:

Owner/operator name: THE PEP BOYS
Owner/operator address: 3111 W ALLEGHENY AVE
PHILADELPHIA, PA 19132
Owner/operator country: Not reported
Owner/operator telephone: (215) 227-9277
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110006408529

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D20
SSE
< 1/8
0.082 mi.
431 ft.

11550 S HALSTED ST
CHICAGO, IL 60628

EDR US Hist Auto Stat **1015169673**
N/A

Site 2 of 2 in cluster D

Relative:
Lower

Actual:
618 ft.

EDR Historical Auto Stations:
Name: PEP BOYS EXPRESS
Year: 1999
Address: 11550 S HALSTED ST

E21
NNE
< 1/8
0.087 mi.
458 ft.

WHITMAL OIL SER INC
11328 S HALSTED
CHICAGO, IL 60628

IL UST **U001143309**
N/A

Site 1 of 2 in cluster E

Relative:
Lower

Actual:
618 ft.

UST:
Facility ID: 2000228
Facility Status: CLOSED
Facility Type: OTHER
Owner Id: U0016354
Owner Name: Whitmal Oil Ser Inc
Owner Address: 11328 S Halsted
Owner City,St,Zip: Chicago, IL 60628

Tank Number: 1
Tank Status: Removed
Tank Capacity: 4000
Tank Substance: Not reported
Last Used Date: 1/15/1998
OSFM First Notify Date: 9/17/1998
Red Tag Issue Date: Not reported
Install Date: 10/1/1987
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Tank Number: 2
Tank Status: Removed
Tank Capacity: 4000
Tank Substance: Used Oil
Last Used Date: 1/15/1998
OSFM First Notify Date: 11/21/1987
Red Tag Issue Date: Not reported
Install Date: 10/1/1987
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F22
WSW
< 1/8
0.099 mi.
524 ft.

BROWNLEE E J TRANS INC
1001 W 115TH ST
CHICAGO, IL

RCRA NonGen / NLR 1000438172
FINDS ILD020957544

Site 1 of 3 in cluster F

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 08/13/1986

Facility name: BROWNLEE E J TRANS INC

Facility address: 1001 W 115TH ST

CHICAGO, IL 60643

EPA ID: ILD020957544

Contact: EDISON BROWNLEE

Contact address: 1001 W 115TH ST

CHICAGO, IL 60643

Contact country: US

Contact telephone: (312) 660-1999

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
616 ft.

Owner/Operator Summary:

Owner/operator name: BROWNLEE E J

Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported

Owner/operator telephone: (312) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED

Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported

Owner/operator telephone: (312) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BROWNLEE E J TRANS INC (Continued)

1000438172

Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
 Waste name: Not Defined

Waste code: D001
 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110005820781

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

F23
WSW
< 1/8
0.099 mi.
524 ft.

E.J. BROWNLEE TRANSPORTATION
1001 WEST 115TH ST.
CHICAGO, IL 60643

IL LUST S104528868
N/A

Site 2 of 3 in cluster F

Relative:
Lower

LUST:
 Incident Num: 981649
 IL EPA Id: 0316755006
 Product: Deisel
 IEMA Date: 07/08/1998
 Project Manager: Carlock
 Project Manager Phone: (217) 782-6762
 Email: Not reported
 PRP Name: E.J. Brownlee Transportation
 PRP Contact: Edison Brownlee
 PRP Address: 1001 West 115th St.
 PRP City,St,Zip: Chicago, IL 60643
 PRP Phone: 7736601999
 Site Classification: Not reported
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not reported
 Non LUST Determination Letter: Not reported
 20 Report Received: 07/28/1998
 45 Report Received: 12/18/1998
NFA/NFR Letter: 04/01/1999
 NFR Date Recorded: 09/16/1999

Actual:
616 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F24
WSW
< 1/8
0.099 mi.
524 ft.

E J BROWNLEE TRANSPORTATION INC
1001 W 115TH ST
CHICAGO, IL 60643
Site 3 of 3 in cluster F

IL UST U001629852
N/A

Relative:
Lower

UST:
Facility ID: 2032613
Facility Status: CLOSED
Facility Type: OTHER
Owner Id: U0022158
Owner Name: Brownlee Edison
Owner Address: 1001 W 115Th St
Owner City,St,Zip: Chicago, IL 60643

Actual:
616 ft.

Tank Number: 1
Tank Status: Removed
Tank Capacity: 3000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 10/18/1993
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

E25
NNE
< 1/8
0.121 mi.
637 ft.

DEVOTION UNISEX BEAUTY SALON
11300 S HALSTED ST
CHICAGO, IL 60628
Site 2 of 2 in cluster E

IL UST U001629884
N/A

Relative:
Lower

UST:
Facility ID: 2032718
Facility Status: EXEMPT
Facility Type: COMMERCIAL / RETAIL
Owner Id: U0022323
Owner Name: Juanita Wilson
Owner Address: 11300 S Halsted St
Owner City,St,Zip: Chicago, IL 60628

Actual:
618 ft.

Tank Number: 1
Tank Status: Exempt from registration
Tank Capacity: 500
Tank Substance: Heating Oil
Last Used Date: 1/1/1969
OSFM First Notify Date: 11/12/1993
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

MAP FINDINGS

| | | | |
|-----------|------|-------------|---------------|
| Map ID | | | EDR ID Number |
| Direction | | | |
| Distance | | | |
| Elevation | Site | Database(s) | EPA ID Number |

| | | | |
|---|--|-----------------------------|---------------------------------|
| G26
SSE
< 1/8
0.123 mi.
647 ft. | PRIDJIAN K A AND CO
11600 S HALSTED PKWY
CHICAGO, IL

Site 1 of 6 in cluster G | EDR US Hist Cleaners | 1009187501
N/A |
|---|--|-----------------------------|---------------------------------|

| | |
|----------------------------------|--|
| Relative:
Lower | EDR Historical Cleaners:
Name: PRIDJIAN K A AND CO
Year: 1981
Type: CARPET AND RUG CLEANERS |
| Actual:
617 ft. | |

| | | | |
|---|--|-----------------------------|---------------------------------|
| G27
SSE
< 1/8
0.123 mi.
652 ft. | PRIDJIAN K A & CO
11600 S HALSTED ST
CHICAGO, IL

Site 2 of 6 in cluster G | EDR US Hist Cleaners | 1009186887
N/A |
|---|--|-----------------------------|---------------------------------|

| | |
|----------------------------------|--|
| Relative:
Lower | EDR Historical Cleaners:
Name: PRIDJIAN K A & CO
Year: 2003
Type: CARPET AND RUG CLEANERS |
| Actual:
617 ft. | |

| | | | |
|---|--|------------------------------|---------------------------------|
| G28
SSE
< 1/8
0.124 mi.
656 ft. | 821 W 116TH ST
CHICAGO, IL 60643

Site 3 of 6 in cluster G | EDR US Hist Auto Stat | 1015647799
N/A |
|---|--|------------------------------|---------------------------------|

| | |
|----------------------------------|--|
| Relative:
Lower | EDR Historical Auto Stations:
Name: ROSELAND AUTO SHOP
Year: 1999
Address: 821 W 116TH ST |
| Actual:
617 ft. | |
| | Name: ROSELAND AUTO SHOP
Year: 2000
Address: 821 W 116TH ST |
| | Name: ROSELAND AUTO SHOP
Year: 2001
Address: 821 W 116TH ST |
| | Name: ROSELAND AUTO SHOP
Year: 2002
Address: 821 W 116TH ST |
| | Name: ROSELAND AUTO SHOP
Year: 2003
Address: 821 W 116TH ST |
| | Name: ROSELAND AUTO BODY
Year: 2005
Address: 821 W 116TH ST |
| | Name: RIVERDALE BODY SHOP
Year: 2007
Address: 821 W 116TH ST |
| | Name: ROSELAND AUTO BODY |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015647799

Year: 2008
Address: 821 W 116TH ST

Name: ROSELAND AUTO BODY
Year: 2009
Address: 821 W 116TH ST

Name: RIVERDALE COLLISION
Year: 2010
Address: 821 W 116TH ST

Name: RIVERDALE BODY SHOP
Year: 2011
Address: 821 W 116TH ST

Name: RIVERDALE BODY SHOP
Year: 2012
Address: 821 W 116TH ST

G29
SSE
< 1/8
0.124 mi.
656 ft.

ROSELAND AUTO BODY
821 W 116TH ST
CHICAGO, IL 60643

RCRA-SQG 1000203955
FINDS ILD982209991

Site 4 of 6 in cluster G

Relative:
Lower

RCRA-SQG:

Actual:
617 ft.

Date form received by agency: 08/12/1987
Facility name: ROSELAND AUTO BODY
Facility address: 821 W 116TH ST
CHICAGO, IL 60643

EPA ID: ILD982209991
Contact: AL DERE
Contact address: 821 W 116TH ST
CHICAGO, IL 60643

Contact country: US
Contact telephone: (312) 468-1515
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DERE AL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND AUTO BODY (Continued)

1000203955

Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROSELAND AUTO BODY (Continued)

1000203955

ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110005861629

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**G30
SSE
1/8-1/4
0.150 mi.
792 ft.**

**MIDAS AUTO SERVICE EXPERTS
11641 SOUTH HALSTED ST
CHICAGO, IL**

**EDR US Hist Auto Stat 1009073807
N/A**

Site 5 of 6 in cluster G

**Relative:
Lower**

EDR Historical Auto Stations:

Name: MIDAS AUTO SERVICE EXPERTS
Year: 2003

**Actual:
617 ft.**

Type: AUTOMOBILE REPAIR AND SERVICE

**G31
SSE
1/8-1/4
0.150 mi.
792 ft.**

**11641 S HALSTED ST
CHICAGO, IL 60628**

**EDR US Hist Auto Stat 1015171418
N/A**

Site 6 of 6 in cluster G

**Relative:
Lower**

EDR Historical Auto Stations:

Name: MIDAS AUTO SYSTEMS EXPERTS
Year: 2000

**Actual:
617 ft.**

Address: 11641 S HALSTED ST

Name: MIDAS AUTO SERVICE EXPERTS
Year: 2001
Address: 11641 S HALSTED ST

Name: 116TH STREET AUTO SERVICE INC
Year: 2002
Address: 11641 S HALSTED ST

Name: MIDAS AUTO SERVICE EXPERTS
Year: 2003
Address: 11641 S HALSTED ST

MAP FINDINGS

| | | | |
|-----------|------|-------------|---------------|
| Map ID | | | EDR ID Number |
| Direction | | | EPA ID Number |
| Distance | | | |
| Elevation | Site | Database(s) | |

| | | | |
|--|--|-----------------------------|---------------------------------|
| 32
NE
1/8-1/4
0.169 mi.
894 ft. | 11306 S UNION AVE
CHICAGO, IL 60628 | EDR US Hist Cleaners | 1014977280
N/A |
|--|--|-----------------------------|---------------------------------|

| | | |
|----------------------------------|--------------------------|---------------------|
| Relative:
Lower | EDR Historical Cleaners: | |
| | Name: | STAR BRITE CLEANERS |
| | Year: | 2009 |
| Actual:
616 ft. | Address: | 11306 S UNION AVE |

| | | | |
|--|--|-----------------------------|---------------------------------|
| H33
NNE
1/8-1/4
0.186 mi.
981 ft. | 11251 S HALSTED ST
CHICAGO, IL 60628

Site 1 of 7 in cluster H | EDR US Hist Cleaners | 1014976874
N/A |
|--|--|-----------------------------|---------------------------------|

| | | |
|----------------------------------|--------------------------|---------------------|
| Relative:
Lower | EDR Historical Cleaners: | |
| | Name: | CLEAN TOWN CLEANERS |
| | Year: | 2010 |
| Actual:
617 ft. | Address: | 11251 S HALSTED ST |
| | Name: | CLEAN TOWN CLEANERS |
| | Year: | 2011 |
| | Address: | 11251 S HALSTED ST |
| | Name: | CLEAN TOWN CLEANERS |
| | Year: | 2012 |
| | Address: | 11251 S HALSTED ST |

| | | | |
|--|--|--------------------------------|---------------------------------|
| H34
NNE
1/8-1/4
0.188 mi.
994 ft. | KLEENE TOWNE CLEANERS
11249 SOUTH HALSTED STREET
CHICAGO, IL 60628

Site 2 of 7 in cluster H | IL UIC
IL SRP | S108255951
N/A |
|--|--|--------------------------------|---------------------------------|

| | | |
|----------------------------------|----------------------------|---------------------|
| Relative:
Lower | UIC: | |
| | Facility Id: | ILEA414 |
| | Facility Type: | Not reported |
| Actual:
617 ft. | Facility State Id: | 414 |
| | NAICS Code: | Not reported |
| | SIC Code: | Not reported |
| | Well: | |
| | Well Id: | ILEA5X267596414 |
| | Well Name: | Not reported |
| | Permit Id: | ILEA5RA |
| | AOR Well: | Not reported |
| | AUT Status: | RA |
| | Ownership Type: | Not reported |
| | Permit State Id: | IL |
| | Submission Date: | Not reported |
| | Aquifer Exempt: | No |
| | Total Depth: | Not reported |
| | Geology Id: | Not reported |
| | Well Site: | Not reported |
| | Well In Source Water Area: | Not reported |
| | Status Date: | 2004-09-15 00:00:00 |
| | Operate Status Code: | UC |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KLEENE TOWNE CLEANERS (Continued)

S108255951

Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267597414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267598414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267599414
Well Name: Not reported
Permit Id: ILEA5RA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KLEENE TOWNE CLEANERS (Continued)

S108255951

AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267600414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267601414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KLEENE TOWNE CLEANERS (Continued)

S108255951

Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267602414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267603414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267604414
Well Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KLEENE TOWNE CLEANERS (Continued)

S108255951

Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267605414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267606414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KLEENE TOWNE CLEANERS (Continued)

S108255951

Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267607414
Well Name: Not reported
Permit Id: ILEA5RA
AOR Well: Not reported
AUT Status: RA
Ownership Type: Not reported
Permit State Id: IL
Submission Date: Not reported
Aquifer Exempt: No
Total Depth: Not reported
Geology Id: Not reported
Well Site: Not reported
Well In Source Water Area: Not reported
Status Date: 2004-09-15 00:00:00
Operate Status Code: UC
Well Type: 5B6
Well Type Date: 2004-09-15 00:00:00
Contact Id: ILEA414
Contact Name: Not Provided
Contact Street: 11249 South Halsted St
Contact City/State/Zip: Chicago, IL 60628

SRP:

IL EPA Id: 0316495008
US EPA Id: ILD064381650
Longitude: -87.64190
Latitude: 41.68901
Contact Name: Karney Boyajian
Contact Address: 11249 South Halsted Street
Contact Address2: Not reported
Contact City,St,Zip: Chicago, IL 60628-
Contact Phone: (773) 785-2127
Date Enrolled: 07/02/2001
Point Of Contact: Christopher J. Lee
Consultant Company: Northern Environmental Technologies, Inc.
Consultant Address: 647 Academy Drive
Consultant Address2: Not reported
Consultant City,St,Zip: Northbrook, IL 60062-
Consultant Phone: (847) 562-8577
Proj Mgr Assigned: Murphy
Sec. 4 Letter Date: Not reported
NFR Recorded: Not reported
Active: False
Total Acres: 0.359
No Further Remediation Letter Dt: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KLEENE TOWNE CLEANERS (Continued)

S108255951

Remediation Applicant Co: Kleene Towne Cleaners
Remediation Applicant Title: Mr.
Remediation Applicant Name: Not reported
Remediation Applicant Company: Not reported
Remediation Applicant Address: Not reported
Remediation Applicant Address 2: Not reported
Remediation Applicant City,St,Zip: Not reported
Illinois EPA: Not reported
Site Name: Not reported
NFR Letter: Not reported
NFR Letter Date Recorded: Not reported
Site Type: Not reported
Comprehensive/Focused: Not reported
Institutional Controls: Not reported
Barrier: Not reported
Worker Caution: Not reported
Acres: Not reported

**H35
NNE
1/8-1/4
0.188 mi.
994 ft.**

**KLEEN TOWNE CLNRS
11249 S HALSTED ST
CHICAGO, IL**

**EDR US Hist Cleaners 1009183642
N/A**

Site 3 of 7 in cluster H

**Relative:
Lower**

EDR Historical Cleaners:

Name: KLEEN TOWNE CLNRS
Year: 2003
Type: DRAPERY AND CURTAIN CLEANERS

**Actual:
617 ft.**

**H36
NNE
1/8-1/4
0.188 mi.
994 ft.**

**KLEEN TOWNE CLEANERS
11249 S HALSTED
CHICAGO, IL 60628**

**RCRA-SQG 1000206885
FINDS ILD064381650
NY MANIFEST**

Site 4 of 7 in cluster H

**Relative:
Lower**

RCRA-SQG:

Date form received by agency: 11/18/1986
Facility name: KLEEN TOWNE CLEANERS
Facility address: 11249 S HALSTED
CHICAGO, IL 60628
EPA ID: ILD064381650
Contact: KARNEY BOYAJIAN
Contact address: 11249 S HALSTED
CHICAGO, IL 60628
Contact country: US
Contact telephone: (312) 785-2127
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KLEEN TOWNE CLEANERS (Continued)

1000206885

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BOYAJIAN KARNEY
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROETHYLENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110005835383

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KLEEN TOWNE CLEANERS (Continued)

1000206885

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: ILD064381650
 Country: USA
 Mailing Name: KLEENTOWNE CLEANERS
 Mailing Contact: SARKIS BOYAJIAN
 Mailing Address: 11249 S HALSTED ST
 Mailing Address 2: Not reported
 Mailing City: CHICAGO
 Mailing State: IL
 Mailing Zip: 60628
 Mailing Zip4: 4795
 Mailing Country: USA
 Mailing Phone: 773-785-2127

NY MANIFEST:

No Manifest Records Available

H37
 NNE
 1/8-1/4
 0.189 mi.
 997 ft.

KLEEN TOWNE CLNRS
11249 S HALSTED PKWY
CHICAGO, IL

EDR US Hist Cleaners

1009186655
N/A

Site 5 of 7 in cluster H

Relative:
Lower

EDR Historical Cleaners:
 Name: KLEEN TOWNE CLNRS
 Year: 1981
 Type: CLEANERS

Actual:
617 ft.

H38
 NNE
 1/8-1/4
 0.215 mi.
 1133 ft.

LONGS GARDEN CENTER
11226 S HALSTED
CHICAGO, IL

RCRA-SQG
FINDS
IL LUST

1001213751
ILR000045344

Site 6 of 7 in cluster H

Relative:
Lower

RCRA-SQG:
 Date form received by agency: 11/24/1997
 Facility name: LONGS GARDEN CENTER INC
 Facility address: 11226 S HALSTED
 CHICAGO, IL 60628
 EPA ID: ILR000045344
 Contact: GEORGE LONG
 Contact address: 11226 S HALSTED
 CHICAGO, IL 60628

Actual:
617 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LONGS GARDEN CENTER (Continued)

1001213751

Contact country: US
Contact telephone: (773) 785-3129
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: LONGS GARDEN CENTER INC
Owner/operator address: 11226 S HALSTED
CHICAGO, IL 60628
Owner/operator country: Not reported
Owner/operator telephone: (773) 785-3129
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110005960228

Environmental Interest/Information System

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LONGS GARDEN CENTER (Continued)

1001213751

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Incident Num: 980313
 IL EPA Id: 0316495100
 Product: Gasoline
 IEMA Date: 02/12/1998
 Project Manager: Haskins
 Project Manager Phone: (217) 782-6762
 Email: Not reported
 PRP Name: Long's Garden Center, Inc.
 PRP Contact: George Long
 PRP Address: 11226 South Halsted
 PRP City,St,Zip: Chicago, IL 60628
 PRP Phone: 7737853129
 Site Classification: Not reported
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not reported
 Non LUST Determination Letter: Not reported
 20 Report Received: 03/25/1998
 45 Report Received: 06/09/1998
NFA/NFR Letter: 02/19/1999
 NFR Date Recorded: 03/24/1999

H39
NNE
1/8-1/4
0.215 mi.
1133 ft.

LONG-GARDEN-CENTER INC
11226 S HALSTED
CHICAGO, IL 60628

IL UST U000865477
N/A

Site 7 of 7 in cluster H

Relative:
Lower

UST:

Facility ID: 2006606
 Facility Status: CLOSED
Facility Type: NONE
 Owner Id: U0009339
 Owner Name: Long Garden Center Inc
 Owner Address: 11226 S Halsted
 Owner City,St,Zip: Chicago, IL 60628

Actual:
617 ft.

Tank Number: 1
Tank Status: Removed
 Tank Capacity: 1000
 Tank Substance: Gasoline
 Last Used Date: 1/1/1993
 OSFM First Notify Date: 3/25/1986
 Red Tag Issue Date: Not reported
 Install Date: 1/1/1970
Green Tag Decal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LONG-GARDEN-CENTER INC (Continued)

U000865477

Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

I40
SSE
1/8-1/4
0.230 mi.
1212 ft.

B AND G SERVICE STA
11656 S HALSTED PKWY
CHICAGO, IL

EDR US Hist Auto Stat 1009074479
N/A

Site 1 of 3 in cluster I

Relative:
Lower

EDR Historical Auto Stations:

Name: B AND G SERVICE STA
Year: 1981

Actual:
616 ft.

Type: SERVICE STATIONS GASOLINE AND OIL

I41
SSE
1/8-1/4
0.231 mi.
1222 ft.

PHILLIPS
11656 S HALSTED
CHICAGO, IL

EDR US Hist Auto Stat 1009074202
N/A

Site 2 of 3 in cluster I

Relative:
Lower

EDR Historical Auto Stations:

Name: PHILLIPS
Year: 1976

Actual:
616 ft.

Type: SERVICE STATIONS GASOLINE AND OIL

Name: PHILLIPS
Year: 1981
Type: SERVICE STATIONS GASOLINE AND OIL

Name: MICKEYS AUTO CENTER
Year: 1999
Address: 11656 S HALSTED ST

Name: NORMICKS AUTO SERVICE CTR
Year: 2001
Address: 11656 S HALSTED ST

I42
SSE
1/8-1/4
0.231 mi.
1222 ft.

PUBLIC PETROLEUM CO.
11656 SOUTH HALSTED
CHICAGO, IL 60628

IL LUST S104521684
IL SRP N/A

Site 3 of 3 in cluster I

Relative:
Lower

LUST:

Incident Num: 970068
IL EPA Id: 0316495087
Product: Gasoline, Other Petro
IEMA Date: 01/13/1997
Project Manager: NOT ASSIGNED
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Public Petroleum Co.

Actual:
616 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC PETROLEUM CO. (Continued)

S104521684

PRP Contact: James Packtor
PRP Address: 2500 West 36th St.
PRP City,St,Zip: Chicago, IL 60632
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

SRP:

IL EPA Id: 0316495087
US EPA Id: Not reported
Longitude: -87.64239
Latitude: 41.68166
Contact Name: James Packtor
Contact Address: 2500 West 36th Street
Contact Address2: Not reported
Contact City,St,Zip: Chicago, IL 60632
Contact Phone: (773) 376-2500
Date Enrolled: 02/04/1997
Point Of Contact: Alisa S. Leyden
Consultant Company: Leyden Environmental, Inc.
Consultant Address: 2711 South Wabash Avenue
Consultant Address2: Not reported
Consultant City,St,Zip: Chicago, IL 60616
Consultant Phone: (312) 808-1476
Proj Mgr Assigned: NA
Sec. 4 Letter Date: Not reported
NFR Recorded: Not reported
Active: False
Total Acres: Not reported
No Further Remediation Letter Dt: Not reported
Remediation Applicant Co: Public Petroleum
Remediation Applicant Title: Mr.
Remediation Applicant Name: Not reported
Remediation Applicant Company: Not reported
Remediation Applicant Address: Not reported
Remediation Applicant Address 2: Not reported
Remediation Applicant City,St,Zip: Not reported
Illinois EPA: Not reported
Site Name: Not reported
NFR Letter: Not reported
NFR Letter Date Recorded: Not reported
Site Type: Not reported
Comprehensive/Focused: Not reported
Institutional Controls: Not reported
Barrier: Not reported
Worker Caution: Not reported
Acres: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J43
NNE
1/8-1/4
0.244 mi.
1286 ft.

CAR X AUTO SERVICE
11203 S HALSTED ST
CHICAGO, IL

EDR US Hist Auto Stat **1009073481**
N/A

Site 1 of 2 in cluster J

Relative:
Lower

EDR Historical Auto Stations:

Name: CAR X AUTO SERVICE
Year: 2003
Type: AUTOMOBILE REPAIR AND SERVICE

Actual:
617 ft.

Name: NEAT MUFFLER & BRAKE INC
Year: 2002
Address: 11203 S HALSTED ST

Name: NEAT MUFFLER & BRAKE
Year: 2003
Address: 11203 S HALSTED ST

Name: CARX AUTO SERVICIE
Year: 2011
Address: 11203 S HALSTED ST

Name: CARX AUTO SERVICE
Year: 2012
Address: 11203 S HALSTED ST

J44
NNE
1/8-1/4
0.246 mi.
1299 ft.

11200 S HALSTED ST
CHICAGO, IL 60628

EDR US Hist Auto Stat **1015161014**
N/A

Site 2 of 2 in cluster J

Relative:
Lower

EDR Historical Auto Stations:

Name: MORGAN PARK AUTO SERVICE
Year: 1999
Address: 11200 S HALSTED ST

Actual:
617 ft.

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2000
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO SERVICE
Year: 2001
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO SERVICE
Year: 2002
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SRVC
Year: 2003
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2005
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2006

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015161014

Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
 Year: 2007
 Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
 Year: 2008
 Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO SERVICE INC
 Year: 2009
 Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SVC
 Year: 2010
 Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
 Year: 2011
 Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
 Year: 2012
 Address: 11200 S HALSTED ST

K45
WSW
1/8-1/4
0.249 mi.
1316 ft.

FRANK S AUTO REPAIR SHOP
1119 W 115TH ST CIR
CHICAGO, IL

EDR US Hist Auto Stat

1009072849
N/A

Site 1 of 2 in cluster K

Relative:
Lower

EDR Historical Auto Stations:

Actual:
615 ft.

Name: FRANK S AUTO REPAIR SHOP
 Year: 2003
 Type: AUTOMOBILE REPAIR AND SERVICE

Name: FRANKS AUTO REPAIR
 Year: 1999
 Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR
 Year: 2000
 Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
 Year: 2003
 Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
 Year: 2004
 Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
 Year: 2005
 Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK S AUTO REPAIR SHOP (Continued)

1009072849

Year: 2006
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2007
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2008
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2009
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2010
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2011
Address: 1119 W 115TH ST

K46
WSW
1/8-1/4
0.249 mi.
1316 ft.

FRANKS AUTO REPAIR SHOP
1119 W 115TH ST
CHICAGO, IL 60643

RCRA-CESQG **1004695454**
FINDS **ILR000017905**

Site 2 of 2 in cluster K

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 03/12/1996
Facility name: FRANKS AUTO REPAIR SHOP
Facility address: 1119 W 115TH ST
CHICAGO, IL 60643

Actual:
615 ft.

EPA ID: ILR000017905
Contact: SHIRLEY LOGAN
Contact address: 1119 W 115TH ST
CHICAGO, IL 60643

Contact country: US
Contact telephone: (312) 785-1119
Contact email: Not reported

EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKS AUTO REPAIR SHOP (Continued)

1004695454

Owner/Operator Summary:

Owner/operator name: LOGAN FRANKLIN
Owner/operator address: 1119 W 115TH ST
CHICAGO, IL 60643
Owner/operator country: Not reported
Owner/operator telephone: (312) 785-1119
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRANKS AUTO REPAIR SHOP (Continued)

1004695454

F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
 Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
 Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110005941874

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

47
East
1/4-1/2
0.278 mi.
1468 ft.

SHERWIN WILLIAMS PAINT COMPANY
549 115TH STREET
CHICAGO, IL 60628

IL LUST S109167302
IL SPILLS N/A

Relative:
Lower
Actual:
615 ft.

LUST:
 Incident Num: 20080830
 IL EPA Id: 0316495039
 Product: Fuel Oil
 IEMA Date: 06/11/2008
 Project Manager: Not reported
 Project Manager Phone: Not reported
 Email: Not reported
 PRP Name: Not reported
 PRP Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS PAINT COMPANY (Continued)

S109167302

PRP Address: Not reported
PRP City,St,Zip: Not reported
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: 07/22/2008
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

SPILLS:

Incident ID: 20080830
Incident Date: Not reported
Date Received: 06/11/2008
Facility Address: 549 115TH ST
Facility City: CHICAGO
PRP Name: SHERWIN WILLIAMS
AC: Not reported
Source Table: dbo_OCIN_INCIDENTCUR

48
West
1/4-1/2
0.333 mi.
1760 ft.

STATEWIDE MORTGAGE
11501 SOUTH RACINE
CHICAGO, IL 60643

IL LUST S107739384
N/A

Relative:
Lower

LUST:

Actual:
615 ft.

Incident Num: 20060337
IL EPA Id: 0316725138
Product: Gasoline
IEMA Date: 03/20/2006
Project Manager: Kaiser
Project Manager Phone: (217) 524-4650
Email: Karl.Kaiser@illinois.gov
PRP Name: Not reported
PRP Contact: Not reported
PRP Address: Not reported
PRP City,St,Zip: Not reported
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: 05/01/2006
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

49
South
1/4-1/2
0.401 mi.
2116 ft.

SHELDON HEIGHTS CHURCH OF CHRIST
11819-11849 SOUTH GREEN STREET
CHICAGO, IL 60643

IL INST CONTROL **S105521066**
IL SRP **N/A**

Relative:
Lower

IL INSTUTIONAL CONTROL:

Actual:
615 ft.

Illinois EPA Id: 0316755117
NFR Letter: 10/19/2004
Date NFR Recorded: 11/23/2004
Type Of Site: Residential
Comprehensive / Focused: Comprehensive
Remediation Applicant Title: Mr.
Remediation Applicant Name: Willie Carter
RA Company: Sheldon Heights Church of Christ
RA Address: 11325 South Halsted Street
RA Secondary Address: Not reported
RA City,St,Zip: Chicago, IL 60628-
Institutional Controls: Groundwater use restriction
Engineered Barriers: Not reported
Worker Caution: False
Acres: 2.600

SRP:

IL EPA Id: 0316755117
US EPA Id: ILR000117911
Longitude: -87.64303
Latitude: 41.67911
Contact Name: Willie Carter
Contact Address: 11325 South Halsted Street
Contact Address2: Not reported
Contact City,St,Zip: Chicago, IL 60628-
Contact Phone: (773) 568-2929
Date Enrolled: 06/13/2002
Point Of Contact: Adam M. Moghamis, P.E.
Consultant Company: Applied GeoScience, Inc.
Consultant Address: 2385 Hammond Drive
Consultant Address2: Suite 6
Consultant City,St,Zip: Schaumburg, IL 60173-
Consultant Phone: (847) 303-0300
Proj Mgr Assigned: Catlin
Sec. 4 Letter Date: Not reported
NFR Recorded: 11/23/2004
Active: False
Total Acres: 2.600
No Further Remediation Letter Dt: 10/19/2004
Remediation Applicant Co: Sheldon Heights Church of Christ
Remediation Applicant Title: Mr.
Remediation Applicant Name: Mr. Willie Carter
Remediation Applicant Company: Sheldon Heights Church of Christ
Remediation Applicant Address: 11325 South Halsted Street
Remediation Applicant Address 2: Not reported
Remediation Applicant City,St,Zip: Chicago, IL 60628-
Illinois EPA: 0316755117
Site Name: Sheldon Heights Church of Christ
NFR Letter: 2004-10-19
NFR Letter Date Recorded: 2004-11-23
Site Type: Residential
Comprehensive/Focused: Comprehensive

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SHELDON HEIGHTS CHURCH OF CHRIST (Continued)

S105521066

| | |
|-------------------------|-----------------------------|
| Institutional Controls: | Groundwater use restriction |
| Barrier: | Not reported |
| Worker Caution: | False |
| Acres: | 2.600 |

**50
 SW
 1/4-1/2
 0.434 mi.
 2290 ft.**

**WIRA STUDY AREAS 1 AND 2
 11701 SOUTH RACINE AVENUE
 CHICAGO, IL 60643**

**IL SRP S106121985
 N/A**

**Relative:
 Lower**

SRP:

**Actual:
 613 ft.**

| | |
|------------------------------------|---|
| IL EPA Id: | 0316755126 |
| US EPA Id: | Not reported |
| Longitude: | -87.64992 |
| Latitude: | 41.68050 |
| Contact Name: | Ms. Worthington |
| Contact Address: | 30 North LaSalle Street |
| Contact Address2: | Room 2500 |
| Contact City,St,Zip: | Chicago, IL 60602- |
| Contact Phone: | (312) 744-4034 |
| Date Enrolled: | 06/02/2003 |
| Point Of Contact: | Carol L. Nissen, P.E. |
| Consultant Company: | Tetra Tech, Inc. |
| Consultant Address: | 200 East Randolph Drive |
| Consultant Address2: | Suite 4700 |
| Consultant City,St,Zip: | Chicago, IL 60601- |
| Consultant Phone: | (312) 856-8700 |
| Proj Mgr Assigned: | Landers |
| Sec. 4 Letter Date: | Not reported |
| NFR Recorded: | Not reported |
| Active: | False |
| Total Acres: | 3 |
| No Further Remediation Letter Dt: | Not reported |
| Remediation Applicant Co: | City of Chicago Department of Environment |
| Remediation Applicant Title: | Ms. |
| Remediation Applicant Name: | Not reported |
| Remediation Applicant Company: | Not reported |
| Remediation Applicant Address: | Not reported |
| Remediation Applicant Address 2: | Not reported |
| Remediation Applicant City,St,Zip: | Not reported |
| Illinois EPA: | Not reported |
| Site Name: | Not reported |
| NFR Letter: | Not reported |
| NFR Letter Date Recorded: | Not reported |
| Site Type: | Not reported |
| Comprehensive/Focused: | Not reported |
| Institutional Controls: | Not reported |
| Barrier: | Not reported |
| Worker Caution: | Not reported |
| Acres: | Not reported |

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

51
NW
1/4-1/2
0.487 mi.
2570 ft.

TAWIL, TAWFIQ
1200 WEST 111TH ST.
CHICAGO, IL 60643

IL LUST **S105815973**
 N/A

Relative:
Higher

LUST:

Incident Num: 20030615
 IL EPA Id: 0316325378
 Product: Gasoline
 IEMA Date: 04/28/2003
 Project Manager: Jones
 Project Manager Phone: (217) 524-1253
 Email: Steve.Jones@illinois.gov
 PRP Name: Not reported
 PRP Contact: Not reported
 PRP Address: Not reported
 PRP City,St,Zip: Not reported
 PRP Phone: Not reported
 Site Classification: Not reported
 Section 57.5(g) Letter: P.A.
 Date Section 57.5(g) Letter: Not reported
 Non LUST Determination Letter: Not reported
 20 Report Received: 09/28/2006
 45 Report Received: 09/27/2006
NFA/NFR Letter: 07/18/2007
 NFR Date Recorded: 08/06/2007

52
South
1/4-1/2
0.499 mi.
2636 ft.

WIRA EAST INGERSOLL PROPERTY
920 WEST 119TH STREET
CHICAGO, IL 60643

IL SRP **S106121984**
 N/A

Relative:
Lower

SRP:

IL EPA Id: 0316755125
 US EPA Id: Not reported
 Longitude: -87.64740
 Latitude: 41.67873
 Contact Name: Kimberly Worthington
 Contact Address: 30 North LaSalle Street
 Contact Address2: Room 2500
 Contact City,St,Zip: Chicago, IL 60602-
 Contact Phone: (312) 744-4034
 Date Enrolled: 06/02/2003
 Point Of Contact: Carol L. Nissen, P.E.
 Consultant Company: Tetra Tech, Inc.
 Consultant Address: 200 East Randolph Drive
 Consultant Address2: Suite 4700
 Consultant City,St,Zip: Chicago, IL 60601-
 Consultant Phone: (312) 856-8700
 Proj Mgr Assigned: Landers
 Sec. 4 Letter Date: Not reported
 NFR Recorded: Not reported
 Active: False
 Total Acres: 3
 No Further Remediation Letter Dt: Not reported
 Remediation Applicant Co: City of Chicago, Department of Environment
 Remediation Applicant Title: Ms.
 Remediation Applicant Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WIRA EAST INGERSOLL PROPERTY (Continued)

S106121984

Remediation Applicant Company: Not reported
Remediation Applicant Address: Not reported
Remediation Applicant Address 2: Not reported
Remediation Applicant City,St,Zip: Not reported
Illinois EPA: Not reported
Site Name: Not reported
NFR Letter: Not reported
NFR Letter Date Recorded: Not reported
Site Type: Not reported
Comprehensive/Focused: Not reported
Institutional Controls: Not reported
Barrier: Not reported
Worker Caution: Not reported
Acres: Not reported

53
SSW
1/2-1
0.643 mi.
3394 ft.

WEST PULLMAN WORKS-FORMERLY
1015 W 120TH ST
CHICAGO, IL

CERCLIS 1000216851
CORRACTS ILD005213285
RCRA NonGen / NLR
PADS
FINDS

Relative:
Lower

CERCLIS:
Site ID: 0500184
EPA ID: ILD005213285
Facility County: COOK
Short Name: INTERNATIONAL HARVESTER
Congressional District: 02
IFMS ID: 05YE
SMSA Number: 1600
USGC Hydro Unit: 07120003
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 05
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Referred to Removal - NFRAP
Non NPL Status Date: 01/18/01
Site Fips Code: 17031
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

Actual:
611 ft.

CERCLIS Site Contact Name(s):
Contact ID: 5270200.00000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST PULLMAN WORKS-FORMERLY (Continued)

1000216851

Contact Name: PAUL STEADMAN
Contact Tel: Not reported
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 201
Alias Name: CALUMET HARVESTER
Alias Address: Not reported

IL
Alias ID: 301
Alias Name: INTERNATIONAL HARVESTER, INC.
Alias Address: 401 N. MICHIGAN AVE.
CHICAGO, IL 60611

Alias ID: 302
Alias Name: WEST PULLMAN WORKS
Alias Address: Not reported

Not reported
Alias Comments: Not reported

Site Description: ABANDONED 21 ACRE SITE WITH HIGH LEVELS OF PAH'S (E.G. PYRENE, PHEHANTHRNE, FLUORENE). HEAVY METALS AND ASBESTOS CONTAMINATION. ABANDONED 21 ACRE SITE WITH HIGH LEVELS OF PAH'S (E.G. PYRENE, PHEHANTHRNE, FLUORENE). HEAVY METALS AND ASBESTOS CONTAMINATION.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 06/17/87
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 08/10/87
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE INSPECTION
Date Started: / /
Date Completed: 10/22/90
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST PULLMAN WORKS-FORMERLY (Continued)

1000216851

Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 10/01/95
Date Completed: 01/26/96
Priority Level: Search Complete, Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

CORRACTS:

EPA ID: ILD005213285
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19930311
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 33272 33299 333111
Turned Product and Screw, Nut, and Bolt Manufacturing
All Other Fabricated Metal Product Manufacturing
Farm Machinery and Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD005213285
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19921228
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 33272 33299 333111
Turned Product and Screw, Nut, and Bolt Manufacturing
All Other Fabricated Metal Product Manufacturing
Farm Machinery and Equipment Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 03/01/2010
Facility name: WEST PULLMAN WORKS-FORMERLY
Facility address: 1015 W 120TH ST
CHICAGO, IL 60643
EPA ID: ILD005213285
Mailing address: 303 E WACKER DR STE 360
CHICAGO, IL 60601
Contact: EDITH ARDIENTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST PULLMAN WORKS-FORMERLY (Continued)

1000216851

Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (312) 836-3920
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAVISTAR INC
Owner/operator address: 303 E WACKER DR STE 360
CHICAGO, IL 60601
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1902
Owner/Op end date: Not reported

Owner/operator name: INTERNATIONAL HARVESTER CO
Owner/operator address: 1015 W 120TH ST
CHICAGO, IL 60643
Owner/operator country: Not reported
Owner/operator telephone: (312) 995-4000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CHICAGO, CITY OF
Owner/operator address: 30 N LASALLE ST STE 2500
CHICAGO, IL 60602
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1998
Owner/Op end date: Not reported

Owner/operator name: INTERNATIONAL HARVESTER CO
Owner/operator address: 1015 W 120TH ST
CITY NOT REPORTED, IL 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 995-4000
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST PULLMAN WORKS-FORMERLY (Continued)

1000216851

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 11/18/1980
Facility name: WEST PULLMAN WORKS-FORMERLY
Site name: INTERNATIONAL HARVESTER CO W PULLMAN PLT
Classification: Not a generator, verified

Date form received by agency: 08/05/1980
Facility name: WEST PULLMAN WORKS-FORMERLY
Site name: INTERNATIONAL HARVESTER CO W PULLMAN PLT
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: F009
Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: K062
Waste name: SPENT PICKLE LIQUOR GENERATED BY STEEL FINISHING OPERATIONS OF FACILITIES WITHIN THE IRON AND STEEL INDUSTRY (SIC CODES 331 AND 332).

Waste code: D008
Waste name: LEAD

Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST PULLMAN WORKS-FORMERLY (Continued)

1000216851

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: F009
Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: K062
Waste name: SPENT PICKLE LIQUOR GENERATED BY STEEL FINISHING OPERATIONS OF FACILITIES WITHIN THE IRON AND STEEL INDUSTRY (SIC CODES 331 AND 332).

Waste code: P106
Waste name: SODIUM CYANIDE

Corrective Action Summary:

Event date: 12/28/1992
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 03/11/1993
Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Violation Status: No violations found

PADS:

EPAID: ILD005213285
Facility name: FORMER WEST PULLMAN WORKS
Facility Address: 1015 WEST 120TH STREET
CHICAGO, IL 60643
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: CITY OF CHICAGO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST PULLMAN WORKS-FORMERLY (Continued)

1000216851

Contact title: Not reported
Contact name: EDITH ARDIENTE
Contact tel: (312)836-3051
Contact extension: Not reported
Mailing address: INTERNATIONAL TRUCK AND ENGINE, 455
CHICAGO, IL 60611
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 05/02/2000
Date received: 06/23/2000

FINDS:

Registry ID: 110005816377

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

54
South
1/2-1
0.684 mi.
3612 ft.

DUTCH BOY PAINT
12042 SOUTH PEORIA
CHICAGO, IL 60643

IL SSU S101467563
N/A

Relative:
Lower

SSU:

Facility ID: 0316005116
 Facility Type: Manufacturer - Paint
 Lat/Long: 41.6750984 / -87.644447
 Directions: Take I-55 North.
 Region: Des Plaines
 Current Program: SRP
 Project Manager: Frierdich
 Community Relations: Not reported
 SSU Status: Transferred
 FOS: NA
 Year Completed: Not reported
 Site Size: 5.25

Actual:
612 ft.

Count: 20 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|--------------|------------|------------------------------------|-------------------------------|-------|--------------------------|
| BLUE ISLAND | 1001116532 | ILDOT HALSTED ST | HALSTED ST & LITTLE CAL RIVER | 60643 | RCRA NonGen / NLR |
| CALUMET PARK | 1000166385 | CHICAGO COPPER AND CHEMICAL COMPAN | INTERSECTION OF WINCHESTER RD | 60643 | CERCLIS |
| CHICAGO | 1002886378 | US SCRAP | 123RD & COTTAGE GROVE | 60628 | CERCLIS, CONSENT |
| CHICAGO | 1007249984 | CHICAGO TRANSIT AUTHORITY | 1700 TO 1919 W 74TH ST | | FINDS |
| CHICAGO | 1004477170 | CHICAGO STREETS DEPT - FUEL PROCES | 34TH AT HAMLIN AVE | | FINDS, IL AIRS |
| CHICAGO | 1001206952 | CHICAGO STATE UNIVERSITY | D309 95TH AND KING DRIVE | 60628 | MLTS |
| CHICAGO | 1005415947 | CITY OF CHICAGO | 11700 S COTTAGE GROVE/SITE B | | RCRA NonGen / NLR, FINDS |
| CHICAGO | 1007249938 | CHICAGO METHYL PARATHION SITES | 1000 HOMES CITYWIDE | | FINDS |
| CHICAGO | 1007125611 | UNIVERSITY OF CHICAGO | 5445 INGLESIDE AVE | | FINDS |
| CHICAGO | 1006807175 | CHICAGO, CITY OF ABANDONMENT | 5248 S JUSTICE | | RCRA-SQG, FINDS |
| CHICAGO | 1006806999 | CHICAGO POLICE HDQTRS | 3501 S MICHIGAN | | RCRA-CESQG, FINDS |
| CHICAGO | 1006818826 | UNIVERSITY OF ILLINOIS AT CHICAGO | 1147 MORGAN ST M/C270 | | FINDS, IL AIRS |
| CHICAGO | 1007459167 | CHICAGO DEPT OF PUBLIC HEALTH, CIT | 1150 N NORTHBRANCH | | FINDS |
| CHICAGO | 1007135851 | DELTA AIR LINES - CHICAGO | OHARE INTL AIRPORT | | FINDS |
| CHICAGO | 1004697661 | CITY OF CHICAGO | 1700 W PERSHING/B | | RCRA-SQG, FINDS |
| CHICAGO | 1003870421 | CHICAGO DEPT STREETS & SANITATION | T37N R14E N1/2 NE1/4 SE1/4 | 60628 | CERC-NFRAP |
| CHICAGO | 1001218761 | CHICAGO HOUSING AUTHORITY | 3700 S RHODES | | RCRA NonGen / NLR, FINDS |
| CHICAGO | 1004698012 | CITY OF CHICAGO CDOT BRIDGES | 3124 S SACREMENTO | | RCRA NonGen / NLR, FINDS |
| CHICAGO | 1004696284 | NORTH CHICAGO RIVER CONTROL WORKS | 108 NORTH STREETER DR BY US | | RCRA-CESQG, FINDS |
| CHICAGO | 1001218760 | CHICAGO HOUSING AUTHORITY | 1276 WASHBURN | | RCRA-CESQG, FINDS |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

| | |
|---|--|
| Date of Government Version: 10/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 11/11/2013 | Telephone: N/A |
| Date Made Active in Reports: 01/28/2014 | Last EDR Contact: 04/08/2014 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 07/21/2014 |
| | Data Release Frequency: Quarterly |

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

| | |
|---|--|
| Date of Government Version: 10/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 11/11/2013 | Telephone: N/A |
| Date Made Active in Reports: 01/28/2014 | Last EDR Contact: 04/08/2014 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 07/21/2014 |
| | Data Release Frequency: Quarterly |

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

| | |
|---|---|
| Date of Government Version: 10/15/1991 | Source: EPA |
| Date Data Arrived at EDR: 02/02/1994 | Telephone: 202-564-4267 |
| Date Made Active in Reports: 03/30/1994 | Last EDR Contact: 08/15/2011 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/28/2011 |
| | Data Release Frequency: No Update Planned |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

| | |
|---|--|
| Date of Government Version: 10/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 11/11/2013 | Telephone: N/A |
| Date Made Active in Reports: 01/28/2014 | Last EDR Contact: 04/08/2014 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 07/21/2014 |
| | Data Release Frequency: Quarterly |

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

| | |
|---|--|
| Date of Government Version: 10/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 11/11/2013 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 02/13/2014 | Last EDR Contact: 02/28/2014 |
| Number of Days to Update: 94 | Next Scheduled EDR Contact: 06/09/2014 |
| | Data Release Frequency: Quarterly |

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

| | |
|---|---|
| Date of Government Version: 05/31/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/08/2013 | Telephone: 703-603-8704 |
| Date Made Active in Reports: 12/06/2013 | Last EDR Contact: 04/11/2014 |
| Number of Days to Update: 151 | Next Scheduled EDR Contact: 07/21/2014 |
| | Data Release Frequency: Varies |

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

| | |
|---|--|
| Date of Government Version: 10/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 11/11/2013 | Telephone: 703-412-9810 |
| Date Made Active in Reports: 02/13/2014 | Last EDR Contact: 02/28/2014 |
| Number of Days to Update: 94 | Next Scheduled EDR Contact: 06/09/2014 |
| | Data Release Frequency: Quarterly |

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

| | |
|---|---|
| Date of Government Version: 12/17/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/14/2014 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 01/28/2014 | Last EDR Contact: 03/10/2014 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 06/23/2014 |
| | Data Release Frequency: Varies |

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

| | |
|---|---|
| Date of Government Version: 12/17/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/14/2014 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 01/28/2014 | Last EDR Contact: 03/10/2014 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 06/23/2014 |
| | Data Release Frequency: Varies |

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

| | |
|---|--|
| Date of Government Version: 11/20/2013 | Source: Department of the Navy |
| Date Data Arrived at EDR: 11/21/2013 | Telephone: 843-820-7326 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 02/14/2014 |
| Number of Days to Update: 95 | Next Scheduled EDR Contact: 06/02/2014 |
| | Data Release Frequency: Varies |

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

| | |
|---|---|
| Date of Government Version: 09/30/2013 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 10/01/2013 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 12/06/2013 | Last EDR Contact: 04/04/2014 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 07/14/2014 |
| | Data Release Frequency: Annually |

State- and tribal - equivalent CERCLIS

SSU: State Sites Unit Listing

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

| | |
|---|--|
| Date of Government Version: 02/03/2014 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 02/07/2014 | Telephone: 217-524-4826 |
| Date Made Active in Reports: 03/10/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Semi-Annually |

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF WMRC: Waste Management & Research Center Landfill Database

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

| | |
|---|---|
| Date of Government Version: 12/31/2001 | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 10/06/2006 | Telephone: 217-333-8940 |
| Date Made Active in Reports: 11/06/2006 | Last EDR Contact: 09/18/2009 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 12/28/2009 |
| | Data Release Frequency: No Update Planned |

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

| | |
|---|--|
| Date of Government Version: 12/31/2012 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 01/30/2014 | Telephone: 217-785-8604 |
| Date Made Active in Reports: 03/07/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Annually |

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

| | |
|---|---|
| Date of Government Version: 01/01/1990 | Source: Illinois EPA |
| Date Data Arrived at EDR: 06/17/2009 | Telephone: 217-782-9288 |
| Date Made Active in Reports: 07/15/2009 | Last EDR Contact: 06/10/2009 |
| Number of Days to Update: 28 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

| | |
|---|---|
| Date of Government Version: 08/01/1988 | Source: Northeastern Illinois Planning Commission |
| Date Data Arrived at EDR: 08/01/1994 | Telephone: 312-454-0400 |
| Date Made Active in Reports: 08/12/1994 | Last EDR Contact: 05/23/2006 |
| Number of Days to Update: 11 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

CCDD: Clean Construction or Demolition Debris

Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

| | |
|---|--|
| Date of Government Version: 01/27/2014 | Source: Illinois EPA |
| Date Data Arrived at EDR: 01/28/2014 | Telephone: 217-524-3300 |
| Date Made Active in Reports: 02/10/2014 | Last EDR Contact: 01/28/2014 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

| | |
|---|--|
| Date of Government Version: 12/04/2013 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 01/28/2014 | Telephone: 217-782-6762 |
| Date Made Active in Reports: 03/06/2014 | Last EDR Contact: 01/28/2014 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Semi-Annually |

LUST TRUST: Underground Storage Tank Fund Payment Priority List

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

| | |
|---|--|
| Date of Government Version: 01/27/2014 | Source: Illinois EPA |
| Date Data Arrived at EDR: 01/28/2014 | Telephone: 217-782-6762 |
| Date Made Active in Reports: 03/06/2014 | Last EDR Contact: 01/28/2014 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

| | |
|---|--|
| Date of Government Version: 08/27/2013 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 08/27/2013 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 11/01/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

| | |
|---|--|
| Date of Government Version: 08/27/2012 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 08/28/2012 | Telephone: 303-312-6271 |
| Date Made Active in Reports: 10/16/2012 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Quarterly |

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

| | |
|---|---|
| Date of Government Version: 03/01/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/01/2013 | Telephone: 415-972-3372 |
| Date Made Active in Reports: 04/12/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Quarterly |

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

| | |
|---|--|
| Date of Government Version: 09/12/2011 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 09/13/2011 | Telephone: 214-665-6597 |
| Date Made Active in Reports: 11/11/2011 | Last EDR Contact: 02/21/2014 |
| Number of Days to Update: 59 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

| | |
|---|--|
| Date of Government Version: 11/21/2013 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 11/26/2013 | Telephone: 404-562-8677 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Semi-Annually |

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

| | |
|---|--|
| Date of Government Version: 02/13/2014 | Source: EPA, Region 5 |
| Date Data Arrived at EDR: 02/14/2014 | Telephone: 312-886-7439 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

| | |
|---|--|
| Date of Government Version: 11/06/2013 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 11/07/2013 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 12/06/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Quarterly |

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

| | |
|---|--|
| Date of Government Version: 02/01/2013 | Source: EPA Region 1 |
| Date Data Arrived at EDR: 05/01/2013 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 11/01/2013 | Last EDR Contact: 01/30/2014 |
| Number of Days to Update: 184 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

| | |
|---|--|
| Date of Government Version: 01/27/2014 | Source: Illinois State Fire Marshal |
| Date Data Arrived at EDR: 01/28/2014 | Telephone: 217-785-0969 |
| Date Made Active in Reports: 03/07/2014 | Last EDR Contact: 01/28/2014 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Quarterly |

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

| | |
|---|--|
| Date of Government Version: 02/01/2013 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 05/01/2013 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 01/27/2014 | Last EDR Contact: 01/30/2014 |
| Number of Days to Update: 271 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

| | |
|---|--|
| Date of Government Version: 02/05/2013 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 02/06/2013 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 04/12/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 65 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Quarterly |

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

| | |
|---|--|
| Date of Government Version: 07/29/2013 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 07/30/2013 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 12/06/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 129 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Quarterly |

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

| | |
|---|--|
| Date of Government Version: 07/29/2013 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 08/01/2013 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 11/01/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 92 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Quarterly |

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

| | |
|---|--|
| Date of Government Version: 12/31/2012 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 02/28/2013 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 04/12/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

| | |
|---|--|
| Date of Government Version: 01/29/2014 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 01/29/2014 | Telephone: 214-665-7591 |
| Date Made Active in Reports: 03/12/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Semi-Annually |

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

| | |
|---|--|
| Date of Government Version: 02/13/2014 | Source: EPA Region 5 |
| Date Data Arrived at EDR: 02/14/2014 | Telephone: 312-886-6136 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

| | |
|---|--|
| Date of Government Version: 11/21/2013 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 11/26/2013 | Telephone: 404-562-9424 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 90 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Semi-Annually |

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

| | |
|---|--|
| Date of Government Version: 01/01/2010 | Source: FEMA |
| Date Data Arrived at EDR: 02/16/2010 | Telephone: 202-646-5797 |
| Date Made Active in Reports: 04/12/2010 | Last EDR Contact: 04/15/2014 |
| Number of Days to Update: 55 | Next Scheduled EDR Contact: 07/28/2014 |
| | Data Release Frequency: Varies |

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

Sites using of engineered barriers (e.g., asphalt or concrete paving).

| | |
|---|--|
| Date of Government Version: 01/17/2014 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 01/21/2014 | Telephone: 217-782-6761 |
| Date Made Active in Reports: 02/20/2014 | Last EDR Contact: 04/28/2014 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 07/28/2014 |
| | Data Release Frequency: Quarterly |

Inst Control: Institutional Controls

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

| | |
|---|--|
| Date of Government Version: 01/17/2014 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 01/21/2014 | Telephone: 217-782-6761 |
| Date Made Active in Reports: 02/20/2014 | Last EDR Contact: 04/28/2014 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 07/28/2014 |
| | Data Release Frequency: Quarterly |

State and tribal voluntary cleanup sites

SRP: Site Remediation Program Database

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

| | |
|---|--|
| Date of Government Version: 01/17/2014 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 01/21/2014 | Telephone: 217-785-9407 |
| Date Made Active in Reports: 02/20/2014 | Last EDR Contact: 04/28/2014 |
| Number of Days to Update: 30 | Next Scheduled EDR Contact: 07/28/2014 |
| | Data Release Frequency: Semi-Annually |

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

| | |
|---|--|
| Date of Government Version: 09/17/2013 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 10/01/2013 | Telephone: 617-918-1102 |
| Date Made Active in Reports: 12/06/2013 | Last EDR Contact: 04/01/2014 |
| Number of Days to Update: 66 | Next Scheduled EDR Contact: 07/14/2014 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

| | |
|---|--|
| Date of Government Version: 03/20/2008 | Source: EPA, Region 7 |
| Date Data Arrived at EDR: 04/22/2008 | Telephone: 913-551-7365 |
| Date Made Active in Reports: 05/19/2008 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 07/20/2009 |
| | Data Release Frequency: Varies |

State and tribal Brownfields sites

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

| | |
|---|--|
| Date of Government Version: 01/27/2014 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 01/28/2014 | Telephone: 217-785-3486 |
| Date Made Active in Reports: 03/06/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

BROWNFIELDS: Redevelopment Assessment Database

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

| | |
|---|--|
| Date of Government Version: 01/27/2014 | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 01/28/2014 | Telephone: 217-524-1658 |
| Date Made Active in Reports: 03/06/2014 | Last EDR Contact: 01/28/2014 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

| | |
|---|---|
| Date of Government Version: 03/20/2014 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/20/2014 | Telephone: 202-566-2777 |
| Date Made Active in Reports: 04/09/2014 | Last EDR Contact: 03/20/2014 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 07/07/2014 |
| | Data Release Frequency: Semi-Annually |

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 01/15/2014
Date Data Arrived at EDR: 01/23/2014
Date Made Active in Reports: 03/06/2014
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 217-782-5750
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

| | |
|---|---|
| Date of Government Version: 02/06/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 04/25/2013 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 05/10/2013 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 15 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

| | |
|---|---|
| Date of Government Version: 12/31/2013 | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 01/03/2014 | Telephone: 202-366-4555 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 04/01/2014 |
| Number of Days to Update: 52 | Next Scheduled EDR Contact: 07/14/2014 |
| | Data Release Frequency: Annually |

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

| | |
|---|--|
| Date of Government Version: 06/28/2013 | Source: Illinois EPA |
| Date Data Arrived at EDR: 07/03/2013 | Telephone: 217-782-3637 |
| Date Made Active in Reports: 08/29/2013 | Last EDR Contact: 04/09/2014 |
| Number of Days to Update: 57 | Next Scheduled EDR Contact: 07/28/2014 |
| | Data Release Frequency: Varies |

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

| | |
|---|---|
| Date of Government Version: 07/18/2012 | Source: FirstSearch |
| Date Data Arrived at EDR: 01/03/2013 | Telephone: N/A |
| Date Made Active in Reports: 03/15/2013 | Last EDR Contact: 01/03/2013 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

| | |
|---|---|
| Date of Government Version: 03/11/2014 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/13/2014 | Telephone: 312-886-6186 |
| Date Made Active in Reports: 04/09/2014 | Last EDR Contact: 03/13/2014 |
| Number of Days to Update: 27 | Next Scheduled EDR Contact: 07/14/2014 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

| | |
|---|---|
| Date of Government Version: 01/09/2014 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/10/2014 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 03/12/2014 | Last EDR Contact: 04/09/2014 |
| Number of Days to Update: 61 | Next Scheduled EDR Contact: 07/21/2014 |
| | Data Release Frequency: Quarterly |

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

| | |
|---|--|
| Date of Government Version: 11/18/2013 | Source: EPA |
| Date Data Arrived at EDR: 02/27/2014 | Telephone: (312) 353-2000 |
| Date Made Active in Reports: 03/12/2014 | Last EDR Contact: 03/14/2014 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 06/23/2014 |
| | Data Release Frequency: Quarterly |

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

| | |
|---|---|
| Date of Government Version: 04/17/1995 | Source: EPA |
| Date Data Arrived at EDR: 07/03/1995 | Telephone: 202-564-4104 |
| Date Made Active in Reports: 08/07/1995 | Last EDR Contact: 06/02/2008 |
| Number of Days to Update: 35 | Next Scheduled EDR Contact: 09/01/2008 |
| | Data Release Frequency: No Update Planned |

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

| | |
|---|---|
| Date of Government Version: 11/01/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/12/2013 | Telephone: 202-564-8600 |
| Date Made Active in Reports: 02/13/2014 | Last EDR Contact: 01/27/2014 |
| Number of Days to Update: 63 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/04/2014
Number of Days to Update: 36

Source: Illinois EPA
Telephone: 217-782-9878
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 01/21/2014
Date Data Arrived at EDR: 01/22/2014
Date Made Active in Reports: 03/06/2014
Number of Days to Update: 43

Source: Illinois EPA
Telephone: 217-782-0610
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/24/2012
Date Made Active in Reports: 05/16/2012
Number of Days to Update: 22

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 04/10/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/10/2014
Number of Days to Update: 12

Source: Drycleaner Environmental Response Trust Fund of Illinois
Telephone: 800-765-4041
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

IMPDMT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 03/08/2002
Date Made Active in Reports: 06/03/2002
Number of Days to Update: 87

Source: Illinois Waste Management & Research Center
Telephone: 217-333-8940
Last EDR Contact: 02/20/2002
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: AIRS

A listing of air permits and emissions information.

| | |
|---|--|
| Date of Government Version: 09/06/2013 | Source: Illinois EPA |
| Date Data Arrived at EDR: 09/06/2013 | Telephone: 217-557-0314 |
| Date Made Active in Reports: 10/18/2013 | Last EDR Contact: 04/07/2014 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 07/21/2014 |
| | Data Release Frequency: Varies |

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

| | |
|---|--|
| Date of Government Version: 12/31/2013 | Source: Illinois Emergency Management Agency |
| Date Data Arrived at EDR: 02/18/2014 | Telephone: 217-785-9860 |
| Date Made Active in Reports: 03/10/2014 | Last EDR Contact: 02/18/2014 |
| Number of Days to Update: 20 | Next Scheduled EDR Contact: 06/02/2014 |
| | Data Release Frequency: Annually |

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

| | |
|---|--|
| Date of Government Version: 12/31/2005 | Source: USGS |
| Date Data Arrived at EDR: 12/08/2006 | Telephone: 202-208-3710 |
| Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 04/18/2014 |
| Number of Days to Update: 34 | Next Scheduled EDR Contact: 07/28/2014 |
| | Data Release Frequency: Semi-Annually |

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

| | |
|---|---|
| Date of Government Version: 03/07/2011 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/09/2011 | Telephone: 615-532-8599 |
| Date Made Active in Reports: 05/02/2011 | Last EDR Contact: 04/21/2014 |
| Number of Days to Update: 54 | Next Scheduled EDR Contact: 08/04/2014 |
| | Data Release Frequency: Varies |

COAL ASH: Coal Ash Site Listing

A listing of coal ash site locations.

| | |
|---|--|
| Date of Government Version: 10/01/2011 | Source: Illinois EPA |
| Date Data Arrived at EDR: 03/09/2012 | Telephone: 217-782-1654 |
| Date Made Active in Reports: 04/10/2012 | Last EDR Contact: 03/07/2014 |
| Number of Days to Update: 32 | Next Scheduled EDR Contact: 06/16/2014 |
| | Data Release Frequency: Annually |

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

| | |
|---|---|
| Date of Government Version: 01/29/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/14/2013 | Telephone: 703-603-8787 |
| Date Made Active in Reports: 02/27/2013 | Last EDR Contact: 04/04/2014 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 07/21/2014 |
| | Data Release Frequency: Varies |

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

BOL: Bureau of Land Inventory Database

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 03/04/2014
Date Data Arrived at EDR: 03/06/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 28

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 6

Source: Illinois EPA
Telephone: 217-524-3289
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Financial Assurance: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/26/2013
Number of Days to Update: 49

Source: Illinois Environmental Protection Agency
Telephone: 217-782-9887
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

| | |
|---|---|
| Date of Government Version: 02/01/2011 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/19/2011 | Telephone: 202-566-0517 |
| Date Made Active in Reports: 01/10/2012 | Last EDR Contact: 01/30/2014 |
| Number of Days to Update: 83 | Next Scheduled EDR Contact: 05/12/2014 |
| | Data Release Frequency: Varies |

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

| | |
|---|---|
| Date of Government Version: 06/30/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 08/13/2013 | Telephone: 617-520-3000 |
| Date Made Active in Reports: 09/13/2013 | Last EDR Contact: 02/10/2014 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 05/26/2014 |
| | Data Release Frequency: Quarterly |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

| | |
|----------------------------------|---|
| Date of Government Version: N/A | Source: EDR, Inc. |
| Date Data Arrived at EDR: N/A | Telephone: N/A |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: No Update Planned |

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

| | |
|----------------------------------|---------------------------------|
| Date of Government Version: N/A | Source: EDR, Inc. |
| Date Data Arrived at EDR: N/A | Telephone: N/A |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

| | |
|----------------------------------|---------------------------------|
| Date of Government Version: N/A | Source: EDR, Inc. |
| Date Data Arrived at EDR: N/A | Telephone: N/A |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

| | |
|----------------------------------|---------------------------------|
| Date of Government Version: N/A | Source: N/A |
| Date Data Arrived at EDR: N/A | Telephone: N/A |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

| | |
|----------------------------------|---------------------------------|
| Date of Government Version: N/A | Source: N/A |
| Date Data Arrived at EDR: N/A | Telephone: N/A |
| Date Made Active in Reports: N/A | Last EDR Contact: N/A |
| Number of Days to Update: N/A | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

| | |
|---|---|
| Date of Government Version: N/A | Source: Department of Natural Resources |
| Date Data Arrived at EDR: 07/01/2013 | Telephone: N/A |
| Date Made Active in Reports: 12/30/2013 | Last EDR Contact: 06/01/2012 |
| Number of Days to Update: 182 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

| | |
|---|--|
| Date of Government Version: N/A | Source: Illinois Environmental Protection Agency |
| Date Data Arrived at EDR: 07/01/2013 | Telephone: N/A |
| Date Made Active in Reports: 12/30/2013 | Last EDR Contact: 06/01/2012 |
| Number of Days to Update: 182 | Next Scheduled EDR Contact: N/A |
| | Data Release Frequency: Varies |

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Illinois Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/07/2014
Date Made Active in Reports: 03/31/2014
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012

Date Data Arrived at EDR: 08/09/2013

Date Made Active in Reports: 09/27/2013

Number of Days to Update: 49

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing

Source: Department of Children & Family Services

Telephone: 312-814-4150

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CHICAGO 115TH AND HALSTED
830 W. 115TH STREET
CHICAGO, IL 60643

TARGET PROPERTY COORDINATES

| | |
|-------------------------------|--------------------------|
| Latitude (North): | 41.6861 - 41° 41' 9.96" |
| Longitude (West): | 87.6439 - 87° 38' 38.04" |
| Universal Tranverse Mercator: | Zone 16 |
| UTM X (Meters): | 446410.9 |
| UTM Y (Meters): | 4614912.5 |
| Elevation: | 619 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|-----------------------|--------------------------|
| Target Property Map: | 41087-F6 BLUE ISLAND, IL |
| Most Recent Revision: | 1997 |

| | |
|-----------------------|------------------------------|
| East Map: | 41087-F5 LAKE CALUMET, IL IN |
| Most Recent Revision: | 1997 |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

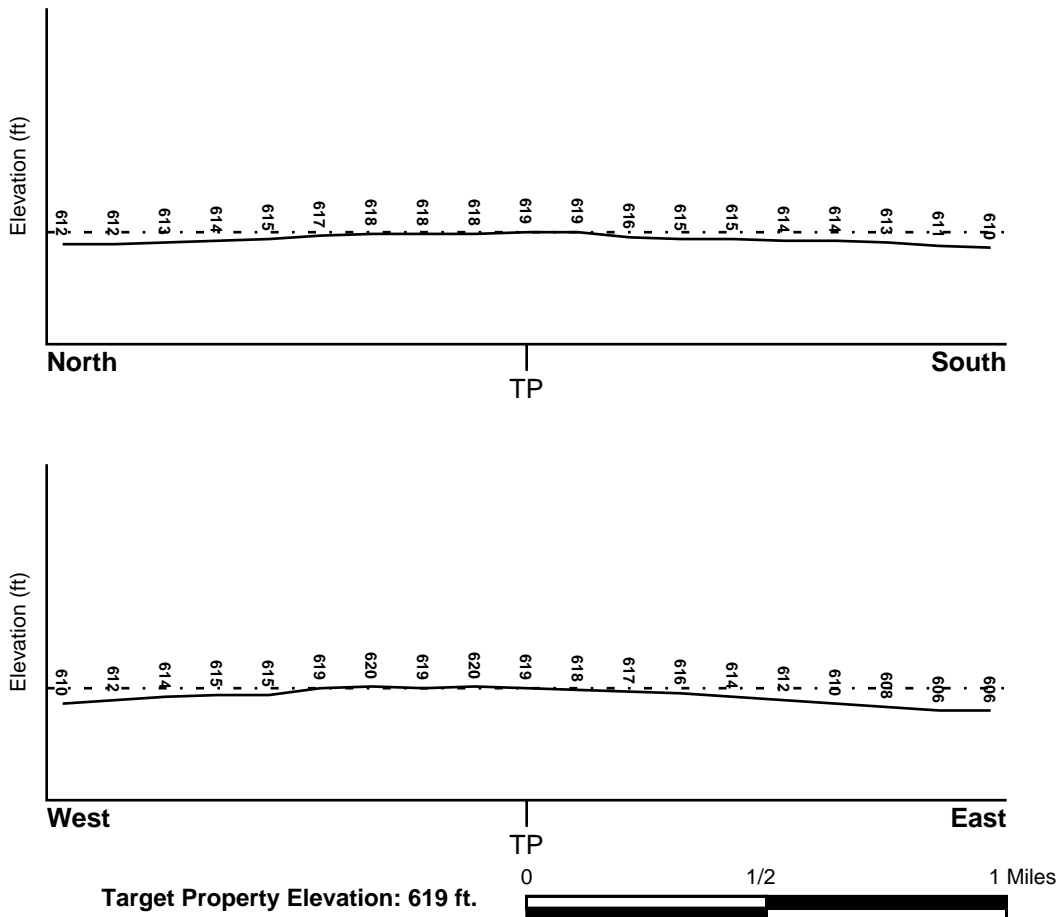
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

| | |
|---|--|
| <u>Target Property County</u>
COOK, IL | FEMA Flood
<u>Electronic Data</u>
YES - refer to the Overview Map and Detail Map |
| Flood Plain Panel at Target Property: | 17031C - FEMA DFIRM Flood data |
| Additional Panels in search area: | Not Reported |

NATIONAL WETLAND INVENTORY

| | |
|---|--|
| <u>NWI Quad at Target Property</u>
BLUE ISLAND | NWI Electronic
<u>Data Coverage</u>
YES - refer to the Overview Map and Detail Map |
|---|--|

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

| | |
|----------------|------------|
| Search Radius: | 1.25 miles |
| Status: | Not found |

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| <u>MAP ID</u> | <u>LOCATION FROM TP</u> | <u>GENERAL DIRECTION GROUNDWATER FLOW</u> |
|---------------|-------------------------|---|
| 1 | 0 - 1/8 Mile SE | NE |
| 21 | 1/2 - 1 Mile North | E |

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Silurian
Series: Middle Silurian (Niagoaran)
Code: S2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|------------------------|----------|-----------|--------------------|----------------|--------------|---------------------------|------------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Permeability Rate (in/hr) | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 60 inches | variable | Not reported | Not reported | Max: 0.00
Min: 0.00 | Max: 0.00
Min: 0.00 |

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand
fine sandy loam
silty clay loam
loamy fine sand

Surficial Soil Types: fine sand
fine sandy loam
silty clay loam
loamy fine sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand
fine sand
loamy sand
silty clay loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

| <u>DATABASE</u> | <u>SEARCH DISTANCE (miles)</u> |
|------------------|--------------------------------|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

FEDERAL USGS WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|----------------|-------------------------|
| _____ | _____ | _____ |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION
FROM TP</u> |
|---------------|-----------------|-----------------------------|
| 7 | USGS40000298903 | 1/2 - 1 Mile SE |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

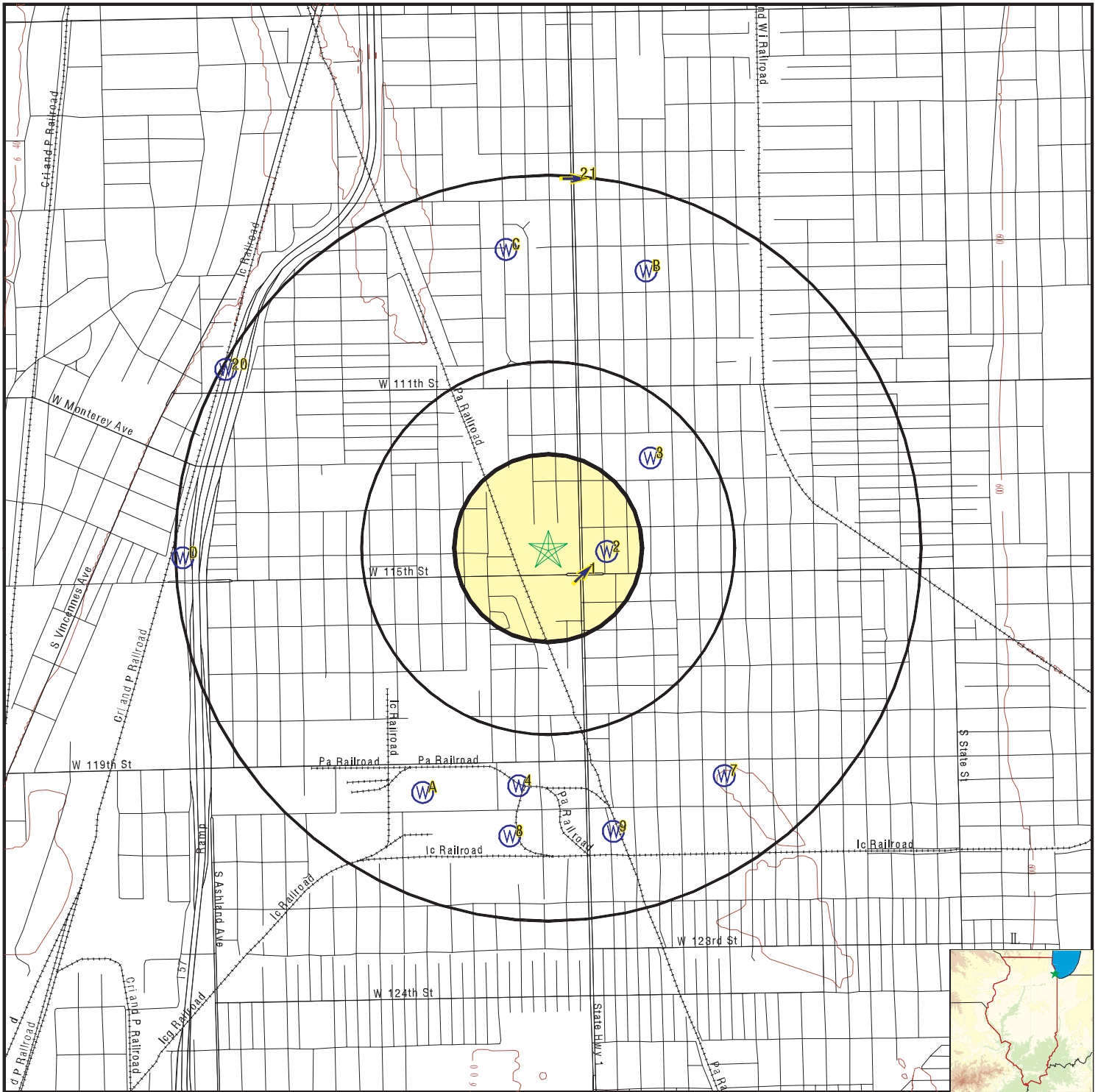
| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION
FROM TP</u> |
|---------------------|----------------|-----------------------------|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

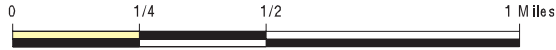
STATE DATABASE WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION
FROM TP</u> |
|---------------|-----------------|-----------------------------|
| 2 | ILSG20000196851 | 1/8 - 1/4 Mile East |
| 3 | ILSG20000197304 | 1/4 - 1/2 Mile NE |
| 4 | ILSG20000195707 | 1/2 - 1 Mile South |
| A5 | P5542 | 1/2 - 1 Mile SSW |
| A6 | P5543 | 1/2 - 1 Mile SSW |
| 8 | P5541 | 1/2 - 1 Mile South |
| 9 | ILSG20000195494 | 1/2 - 1 Mile SSE |
| B10 | ILSG20000197989 | 1/2 - 1 Mile NNE |
| B11 | ILSG20000197988 | 1/2 - 1 Mile NNE |
| B12 | ILSG20000197991 | 1/2 - 1 Mile NNE |
| B13 | ILSG20000197990 | 1/2 - 1 Mile NNE |
| C14 | ILSG20000198093 | 1/2 - 1 Mile North |
| C15 | ILSG20000198094 | 1/2 - 1 Mile North |
| D16 | ILSG20000196817 | 1/2 - 1 Mile West |
| D17 | ILSG20000196816 | 1/2 - 1 Mile West |
| D18 | ILSG20000196819 | 1/2 - 1 Mile West |
| D19 | ILSG20000196818 | 1/2 - 1 Mile West |
| 20 | ILSG20000197684 | 1/2 - 1 Mile WNW |

PHYSICAL SETTING SOURCE MAP - 3921318.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



SITE NAME: Chicago 115th and Halsted
 ADDRESS: 830 W. 115th Street
 Chicago IL 60643
 LAT/LONG: 41.6861 / -87.6439

CLIENT: Tetra Tech EM, Inc.
 CONTACT: Lance Summers
 INQUIRY #: 3921318.2s
 DATE: April 23, 2014 1:16 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

| | | | | |
|---|-------------------------------------|--|-----------------|--------------|
| 1
SE
0 - 1/8 Mile
Higher | Site ID: S102943691 | | AQUIFLOW | 62601 |
| | Groundwater Flow: NE | | | |
| | Deep Water Depth: 8.30 | | | |
| | Average Water Depth: Not Reported | | | |
| | Shallow Water Depth: 7.60 | | | |
| | Current Deep Depth: 7.51 | | | |
| | Current Average Depth: Not Reported | | | |
| | Current Shallow Depth: 7.08 | | | |
| | Date: 11/30/1998 | | | |

| | | | | |
|--|--|--|-----------------|------------------------|
| 2
East
1/8 - 1/4 Mile
Lower | | | IL WELLS | ILSG20000196851 |
| Pt api number: 120312626000 | Pt status: ENG | | | |
| Pt longitude: -87.640861 | | | | |
| Pt latitude: 41.685967 | | | | |
| Api number: 120312626000 | | | | |
| Longitude : -87.640861 | | | | |
| Latitude : 41.685967 | | | | |
| Section: 21 | Twp: 37 | | | |
| Tdir: N | Rng: 14 | | | |
| Rdir: E | Farm name: Normal Ave Sewer Sys | | | |
| Farm num: 9 | Company name: Chicago Pub. Works Dept. | | | |
| Status: Engineering Test | Elevation: 616 | | | |
| Elevref: Ground level | Total depth: 61 | | | |
| Wformation: Not Reported | Wfmfrom: 0 | | | |
| Wfmto: 0 | Pumpgpm: 0 | | | |

| | | | | |
|--|-------------------------------|--|-----------------|------------------------|
| 3
NE
1/4 - 1/2 Mile
Lower | | | IL WELLS | ILSG20000197304 |
| Pt api number: 120312669200 | Pt status: ENG | | | |
| Pt longitude: -87.638599 | | | | |
| Pt latitude: 41.689604 | | | | |
| Api number: 120312669200 | | | | |
| Longitude : -87.638599 | | | | |
| Latitude : 41.689604 | | | | |
| Section: 21 | Twp: 37 | | | |
| Tdir: N | Rng: 14 | | | |
| Rdir: E | Farm name: Fenger High School | | | |
| Farm num: B-B | Company name: Not Reported | | | |
| Status: Engineering Test | Elevation: 0 | | | |
| Elevref: Not Reported | Total depth: 10 | | | |
| Wformation: Not Reported | Wfmfrom: 0 | | | |
| Wfmto: 0 | Pumpgpm: 0 | | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

4
South
1/2 - 1 Mile
Lower

IL WELLS ILSG20000195707

| | | | |
|----------------|------------------|---------------|--------------------------|
| Pt api number: | 120312626200 | Pt status: | ENG |
| Pt longitude: | -87.645423 | | |
| Pt latitude: | 41.676864 | | |
| Api number: | 120312626200 | | |
| Longitude : | -87.645423 | | |
| Latitude : | 41.676864 | | |
| Section: | 29 | Twg: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Normal Ave Sewer Sys |
| Farm num: | 5 | Company name: | Chicago Pub. Works Dept. |
| Status: | Engineering Test | Elevation: | 613 |
| Elevref: | Ground level | Total depth: | 65 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

A5
SSW
1/2 - 1 Mile
Lower

IL WELLS P5542

| | | | |
|------------------|-------------------------------|----------------|-----------------|
| Well ID: | 028422 | Second ID: | Not Reported |
| Info Source: | IL Private Water Wells Survey | | |
| Owner: | INTERNATIONAL HARVESTER CO | | |
| Permit: | Not Reported | Date Drilled: | 00/00/0000 |
| Depth (in feet): | 1246 | Aquifer Type: | Bedrock |
| County Code: | 031 | County: | COOK |
| Township: | 37N | Range: | 14E |
| Section: | 29 | Plot Location: | 4H |
| Well Use: | IN | Well Type: | ASSUMED DRILLED |
| Record Type: | Construction Report,Geology | | |
| Driller: | Not Reported | | |

A6
SSW
1/2 - 1 Mile
Lower

IL WELLS P5543

| | | | |
|------------------|-------------------------------|----------------|--------------|
| Well ID: | 037379 | Second ID: | Not Reported |
| Info Source: | IL Private Water Wells Survey | | |
| Owner: | INTERNATIONAL HARVESTER CO | | |
| Permit: | Not Reported | Date Drilled: | 00/00/0000 |
| Depth (in feet): | 1246 | Aquifer Type: | Bedrock |
| County Code: | 031 | County: | COOK |
| Township: | 37N | Range: | 14E |
| Section: | 29 | Plot Location: | 4H |
| Well Use: | IN | Well Type: | |
| Record Type: | Construction Report,Geology | | |
| Driller: | Not Reported | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
SE
1/2 - 1 Mile
Higher

FED USGS USGS40000298903

| | | | |
|-----------------------------|--|--------------------------|--------------|
| Org. Identifier: | USGS-IL | Drainagearea value: | Not Reported |
| Formal name: | USGS Illinois Water Science Center | Contrib drainagearea: | Not Reported |
| Monloc Identifier: | USGS-414038087380501 | Latitude: | 41.6772565 |
| Monloc name: | bh23 west pullman school | Sourcemap scale: | Not Reported |
| Monloc type: | Well | Horiz Acc measure units: | seconds |
| Monloc desc: | s71 wrir 95-4253 | | |
| Huc code: | 07120003 | Vert measure val: | 624.37 |
| Drainagearea Units: | Not Reported | Vertacc measure val: | .1 |
| Contrib drainagearea units: | Not Reported | | |
| Longitude: | -87.6347697 | Countrycode: | US |
| Horiz Acc measure: | 5 | | |
| Horiz Collection method: | Interpolated from map | | |
| Horiz coord refsys: | NAD83 | | |
| Vert measure units: | feet | | |
| Vert accmeasure units: | feet | | |
| Vertcollection method: | Level or other surveying method | | |
| Vert coord refsys: | NGVD29 | | |
| Aquifername: | Sand and gravel aquifers (glaciated regions) | | |
| Formation type: | Sand (Holocene and/or Pleistocene) | | |
| Aquifer type: | Unconfined single aquifer | | |
| Construction date: | 19920603 | Welldepth: | 18 |
| Welldepth units: | ft | Wellholedepth: | 18 |
| Wellholedepth units: | ft | | |

Ground-water levels, Number of Measurements: 1

| Date | Feet below
Surface | Feet to
Sealevel |
|------------|-----------------------|---------------------|
| ----- | | |
| 1992-06-23 | 15.11 | |

8
South
1/2 - 1 Mile
Lower

IL WELLS P5541

| | | | |
|------------------|----------------------------------|----------------|-----------------|
| Well ID: | 028421 | Second ID: | Not Reported |
| Info Source: | IL Private Water Wells Survey | | |
| Owner: | WHITMAN & BARNES MFG CO | | |
| Permit: | Not Reported | Date Drilled: | 00/00/1893 |
| Depth (in feet): | 1308 | Aquifer Type: | Bedrock |
| County Code: | 031 | County: | COOK |
| Township: | 37N | Range: | 14E |
| Section: | 29 | Plot Location: | 2G |
| Well Use: | IN | Well Type: | ASSUMED DRILLED |
| Record Type: | Geology,Any other type of record | | |
| Driller: | Not Reported | | |

9
SSE
1/2 - 1 Mile
Lower

IL WELLS ILSG20000195494

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|----------------|------------------|---------------|--------------------------|
| Pt api number: | 120312626100 | Pt status: | ENG |
| Pt longitude: | -87.640514 | | |
| Pt latitude: | 41.67509 | | |
| Api number: | 120312626100 | | |
| Longitude : | -87.640514 | | |
| Latitude : | 41.67509 | | |
| Section: | 28 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Normal Ave Sewer Sys |
| Farm num: | 7 | Company name: | Chicago Pub. Works Dept. |
| Status: | Engineering Test | Elevation: | 608 |
| Elevref: | Ground level | Total depth: | 45 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

B10
NNE
1/2 - 1 Mile
Lower

IL WELLS ILSG20000197989

| | | | |
|----------------|------------------|---------------|------------------------|
| Pt api number: | 120313296600 | Pt status: | ENG |
| Pt longitude: | -87.63882 | | |
| Pt latitude: | 41.69687 | | |
| Api number: | 120313296600 | | |
| Longitude : | -87.63882 | | |
| Latitude : | 41.69687 | | |
| Section: | 16 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Dunne School Additions |
| Farm num: | 3 | Company name: | Testing Services Corp |
| Status: | Engineering Test | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 20 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

B11
NNE
1/2 - 1 Mile
Lower

IL WELLS ILSG20000197988

| | | | |
|----------------|------------------|---------------|------------------------|
| Pt api number: | 120313296400 | Pt status: | ENG |
| Pt longitude: | -87.63882 | | |
| Pt latitude: | 41.69687 | | |
| Api number: | 120313296400 | | |
| Longitude : | -87.63882 | | |
| Latitude : | 41.69687 | | |
| Section: | 16 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Dunne School Additions |
| Farm num: | 2 | Company name: | Testing Services Corp. |
| Status: | Engineering Test | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 20 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B12
NNE
1/2 - 1 Mile
Lower

IL WELLS ILSG20000197991

| | | | |
|----------------|------------------|---------------|------------------------|
| Pt api number: | 120313296800 | Pt status: | ENG |
| Pt longitude: | -87.63882 | | |
| Pt latitude: | 41.69687 | | |
| Api number: | 120313296800 | | |
| Longitude : | -87.63882 | | |
| Latitude : | 41.69687 | | |
| Section: | 16 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Dunne School Additions |
| Farm num: | 10 | Company name: | Testing Services Corp. |
| Status: | Engineering Test | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 20 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

B13
NNE
1/2 - 1 Mile
Lower

IL WELLS ILSG20000197990

| | | | |
|----------------|------------------|---------------|------------------------|
| Pt api number: | 120313296700 | Pt status: | ENG |
| Pt longitude: | -87.63882 | | |
| Pt latitude: | 41.69687 | | |
| Api number: | 120313296700 | | |
| Longitude : | -87.63882 | | |
| Latitude : | 41.69687 | | |
| Section: | 16 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Dunne School Additions |
| Farm num: | 8 | Company name: | Testing Services Corp. |
| Status: | Engineering Test | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 55 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

C14
North
1/2 - 1 Mile
Lower

IL WELLS ILSG20000198093

| | | | |
|----------------|--------------|---------------|---------------------|
| Pt api number: | 120313325300 | Pt status: | ENG |
| Pt longitude: | -87.646085 | | |
| Pt latitude: | 41.697704 | | |
| Api number: | 120313325300 | | |
| Longitude : | -87.646085 | | |
| Latitude : | 41.697704 | | |
| Section: | 17 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | 108th Place Bridge |
| Farm num: | B-1 | Company name: | IL Div. of Highways |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------|------------------|--------------|-----|
| Status: | Engineering Test | Elevation: | 617 |
| Elevref: | Not Reported | Total depth: | 30 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

**C15
North
1/2 - 1 Mile
Lower**

IL WELLS ILSG20000198094

| | | | |
|----------------|------------------|---------------|---------------------|
| Pt api number: | 120313325400 | Pt status: | ENG |
| Pt longitude: | -87.646085 | | |
| Pt latitude: | 41.697704 | | |
| Api number: | 120313325400 | | |
| Longitude : | -87.646085 | | |
| Latitude : | 41.697704 | | |
| Section: | 17 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | 108th Place Bridge |
| Farm num: | B-2 | Company name: | IL Div. of Highways |
| Status: | Engineering Test | Elevation: | 600 |
| Elevref: | Ground level | Total depth: | 40 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

**D16
West
1/2 - 1 Mile
Lower**

IL WELLS ILSG20000196817

| | | | |
|----------------|----------------------------|---------------|---------------------------|
| Pt api number: | 120313126100 | Pt status: | MONIT |
| Pt longitude: | -87.662833 | | |
| Pt latitude: | 41.685725 | | |
| Api number: | 120313126100 | | |
| Longitude : | -87.662833 | | |
| Latitude : | 41.685725 | | |
| Section: | 19 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Amoco Oil Co. |
| Farm num: | MW2 | Company name: | Environmental Constr. Co. |
| Status: | Water Well Monitoring Well | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 18 |
| Wformation: | silty clay w/gravel | Wfmfrom: | 7 |
| Wfmto: | 14 | Pumpgpm: | 0 |

**D17
West
1/2 - 1 Mile
Lower**

IL WELLS ILSG20000196816

| | | | |
|----------------|--------------|---------------|---------------------------|
| Pt api number: | 120313126000 | Pt status: | MONIT |
| Pt longitude: | -87.662833 | | |
| Pt latitude: | 41.685725 | | |
| Api number: | 120313126000 | | |
| Longitude : | -87.662833 | | |
| Latitude : | 41.685725 | | |
| Section: | 19 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Amoco Oil Co. |
| Farm num: | MW-1 | Company name: | Environmental Constr. Co. |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------|----------------------------|--------------|----|
| Status: | Water Well Monitoring Well | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 16 |
| Wformation: | silty clay w/gravel | Wfmfrom: | 8 |
| Wfmto: | 13 | Pumpgpm: | 0 |

**D18
West
1/2 - 1 Mile
Lower**

IL WELLS ILSG20000196819

| | | | |
|----------------|----------------------------|---------------|---------------------------|
| Pt api number: | 120313126300 | Pt status: | MONIT |
| Pt longitude: | -87.662833 | | |
| Pt latitude: | 41.685725 | | |
| Api number: | 120313126300 | | |
| Longitude : | -87.662833 | | |
| Latitude : | 41.685725 | | |
| Section: | 19 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Amoco Oil Co. |
| Farm num: | MW4 | Company name: | Environmental Constr. Co. |
| Status: | Water Well Monitoring Well | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 22 |
| Wformation: | clay/sand & gravel | Wfmfrom: | 8 |
| Wfmto: | 12 | Pumpgpm: | 0 |

**D19
West
1/2 - 1 Mile
Lower**

IL WELLS ILSG20000196818

| | | | |
|----------------|----------------------------|---------------|---------------------------|
| Pt api number: | 120313126200 | Pt status: | MONIT |
| Pt longitude: | -87.662833 | | |
| Pt latitude: | 41.685725 | | |
| Api number: | 120313126200 | | |
| Longitude : | -87.662833 | | |
| Latitude : | 41.685725 | | |
| Section: | 19 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Amoco Oil Co. |
| Farm num: | MW3 | Company name: | Environmental Constr. Co. |
| Status: | Water Well Monitoring Well | Elevation: | 0 |
| Elevref: | Not Reported | Total depth: | 24 |
| Wformation: | clay w/sand & gravel | Wfmfrom: | 6 |
| Wfmto: | 12 | Pumpgpm: | 0 |

**20
WNW
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000197684

| | | | |
|----------------|--------------|---------------|------------------------|
| Pt api number: | 120310092200 | Pt status: | ENG |
| Pt longitude: | -87.660612 | | |
| Pt latitude: | 41.693045 | | |
| Api number: | 120310092200 | | |
| Longitude : | -87.660612 | | |
| Latitude : | 41.693045 | | |
| Section: | 17 | Twp: | 37 |
| Tdir: | N | Rng: | 14 |
| Rdir: | E | Farm name: | Deep Tunnel Test |
| Farm num: | Dh-3 | Company name: | Chicago Sanitary Dist. |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------|------------------|--------------|-----|
| Status: | Engineering Test | Elevation: | 617 |
| Elevref: | Topographic Map | Total depth: | 931 |
| Wformation: | Not Reported | Wfmfrom: | 0 |
| Wfmto: | 0 | Pumpgpm: | 0 |

**21
North
1/2 - 1 Mile
Lower**

Site ID: S100530703
Groundwater Flow: E
Deep Water Depth: 12
Average Water Depth: Not Reported
Shallow Water Depth: 9
Current Deep Depth: Not Reported
Current Average Depth: 4.6
Current Shallow Depth: Not Reported
Date: 7/13/1998

AQUIFLOW 25687

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

| Zipcode | Result |
|---------|--------|
| 60643 | 1.8 |
| 60643 | 3.7 |
| 60643 | 1.2 |
| 60643 | 2.9 |
| 60643 | 0.6 |
| 60643 | 5.5 |
| 60643 | 2.3 |
| 60643 | 2.3 |
| 60643 | 5.5 |
| 60643 | 1.1 |
| 60643 | 3.6 |

Federal EPA Radon Zone for COOK County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 60643

Number of sites tested: 1

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | 0.000 pCi/L | 100% | 0% | 0% |

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Records

Source: Illinois Geological Survey

Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

OTHER STATE DATABASE INFORMATION

RADON

State Database: IL Radon

Source: Department of Nuclear Safety

Telephone: 217-785-9958

County Radon Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Chicago 115th and Halsted

830 W. 115th Street

Chicago, IL 60643

Inquiry Number: 3921318.6s

May 30, 2014

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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| Secondary Map | 3 |
| Aerial Photography | 4 |
| Map Findings | 5 |
| Record Sources and Currency | GR-1 |

Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

| | Maximum Search Distance* | Summary | | |
|---|--------------------------|----------|------|------------|
| | | property | 1/10 | 1/10 - 1/3 |
| STANDARD ENVIRONMENTAL RECORDS | | | | |
| Federal NPL | 0.333 | 0 | 0 | 0 |
| Federal CERCLIS | 0.333 | 0 | 0 | 0 |
| Federal RCRA CORRACTS facilities list | 0.333 | 0 | 0 | 0 |
| Federal RCRA TSD facilities list | 0.333 | 0 | 0 | 0 |
| Federal RCRA generators list | property | 0 | - | - |
| Federal institutional controls / engineering controls registries | 0.333 | 0 | 0 | 0 |
| Federal ERNS list | property | 0 | - | - |
| State and tribal - equivalent NPL | not searched | - | - | - |
| State and tribal - equivalent CERCLIS | 0.333 | 0 | 0 | 0 |
| State and tribal landfill / solid waste disposal | 0.333 | 0 | 0 | 0 |
| State and tribal leaking storage tank lists | 0.333 | 0 | 5 | 3 |
| State and tribal registered storage tank lists | property | 0 | - | - |
| State and tribal institutional control / engineering control registries | property | 0 | - | - |
| State and tribal voluntary cleanup sites | 0.333 | 0 | 1 | 2 |
| State and tribal Brownfields sites | 0.333 | 0 | 0 | 0 |
| Other Standard Environmental Records | 0.333 | 0 | 0 | 4 |
| HISTORICAL USE RECORDS | | | | |
| Former manufactured Gas Plants | 0.333 | 0 | 0 | 0 |
| Historical Gas Stations | 0.25 | 0 | 6 | 8 |
| Historical Dry Cleaners | 0.25 | 0 | 1 | 6 |
| Exclusive Recovered Govt. Archives | property | 0 | - | - |

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

CHICAGO 115TH AND HALSTED
830 W. 115TH STREET
CHICAGO, IL 60643

COORDINATES

| | |
|-------------------|----------------------------------|
| Latitude (North): | 41.6861 - 41° 41' 9.960022" |
| Longitude (West): | -87.6439 - -87° -38' -38.032837" |
| Elevation: | 619 ft. above sea level |

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone: Available

NWI Wetlands: Available

AQUIFLOW®

Search Radius: 0.333 Mile.

Map ID
Direction
Distance
Elevation

Database EDR ID Number

| | | | |
|--|---|-----------------|--------------|
| 1 ↗
SE
1/10 - 1/3 mile
Higher | Site ID: S102943691
Groundwater Flow: NE
Deep Water Depth: 8.30
Average Water Depth: Not Reported
Shallow Water Depth: 7.60
Current Deep Depth: 7.51
Current Average Depth: Not Reported
Current Shallow Depth: 7.08
Date: 11/30/1998 | AQUIFLOW | 62601 |
|--|---|-----------------|--------------|

| | | | |
|--|---|-----------------|--------------|
| 1G ↗
SE
1/10 - 1/3 mile
Lower | Site ID: S102943691
Groundwater Flow: NE
Deep Water Depth: 8.30
Average Water Depth: Not Reported
Shallow Water Depth: 7.60
Current Deep Depth: 7.51
Current Average Depth: Not Reported
Current Shallow Depth: 7.08
Date: 11/30/1998 | AQUIFLOW | 62601 |
|--|---|-----------------|--------------|

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

EXECUTIVE SUMMARY

Hydric Status: Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

| Soil Layer Information | | | | | | | |
|------------------------|----------|-----------|--------------------|----------------|--------------|---------------------------|------------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Permeability Rate (in/hr) | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 60 inches | variable | Not reported | Not reported | Max: 0.00
Min: 0.00 | Max: 0.00
Min: 0.00 |

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand
fine sandy loam
silty clay loam
loamy fine sand

Surficial Soil Types: fine sand
fine sandy loam
silty clay loam
loamy fine sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand
fine sand
loamy sand
silty clay loam

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

| <u>Name</u> | <u>Address</u> | <u>Dist/Dir</u> | <u>Map ID</u> | <u>Page</u> |
|--|----------------------------|-----------------|---------------|-------------|
| CHICAGO HOUSING AUTHORITY
LUST: State and tribal leaking storage tank lists
SRP: State and tribal voluntary cleanup sites | 833 WEST 115TH ST. | <1/10 SSE | ▲ A1 | 12 |
| AMOCO OIL
UST: State and tribal registered storage tank lists
LUST: State and tribal leaking storage tank lists | 11500 SOUTH HALSTED STREET | <1/10 SE | ▼ A5 | 17 |
| MOBIL CARWASH
UST: State and tribal registered storage tank lists
LUST: State and tribal leaking storage tank lists | 11501 SOUTH HALSTED STREET | <1/10 SE | ▼ A7 | 20 |
| FIRST COOK COMM. BANK
LUST: State and tribal leaking storage tank lists | 11453 SOUTH HALSTED ST. | <1/10 ESE | ▼ 10 | 25 |
| E.J. BROWNLEE TRANSPORTATION
LUST: State and tribal leaking storage tank lists | 1001 WEST 115TH ST. | <1/10 WSW | ▼ 12 | 27 |
| KLEENE TOWNE CLEANERS
UIC: Other Standard Environmental Records
SRP: State and tribal voluntary cleanup sites | 11249 SOUTH HALSTED STREET | 1/10 - 1/3 NNE | ▼ D21 | 37 |
| KLEEN TOWNE CLEANERS
FINDS: Other Standard Environmental Records
RCRA-SQG: Federal RCRA generators list
FINDS: Other Standard Environmental Records
RCRA-SQG: Federal RCRA generators list
MANIFEST: Other Standard Environmental Records | 11249 S HALSTED | 1/10 - 1/3 NNE | ▼ D22 | 44 |
| LONGS GARDEN CENTER
RCRA-SQG: Federal RCRA generators list
FINDS: Other Standard Environmental Records
LUST: State and tribal leaking storage tank lists | 11226 S HALSTED | 1/10 - 1/3 NNE | ▼ D24 | 49 |
| PUBLIC PETROLEUM CO.
LUST: State and tribal leaking storage tank lists
SRP: State and tribal voluntary cleanup sites | 11656 SOUTH HALSTED | 1/10 - 1/3 SSE | ▼ E26 | 52 |
| SHERWIN WILLIAMS PAINT COMPANY
LUST: State and tribal leaking storage tank lists
SPILLS: Other Standard Environmental Records | 549 115TH STREET | 1/10 - 1/3 E | ▼ 31 | 60 |

HISTORICAL USE RECORDS

| <u>Name</u> | <u>Address</u> | <u>Dist/Dir</u> | <u>Map ID</u> | <u>Page</u> |
|-------------|----------------|-----------------|---------------|-------------|
|-------------|----------------|-----------------|---------------|-------------|

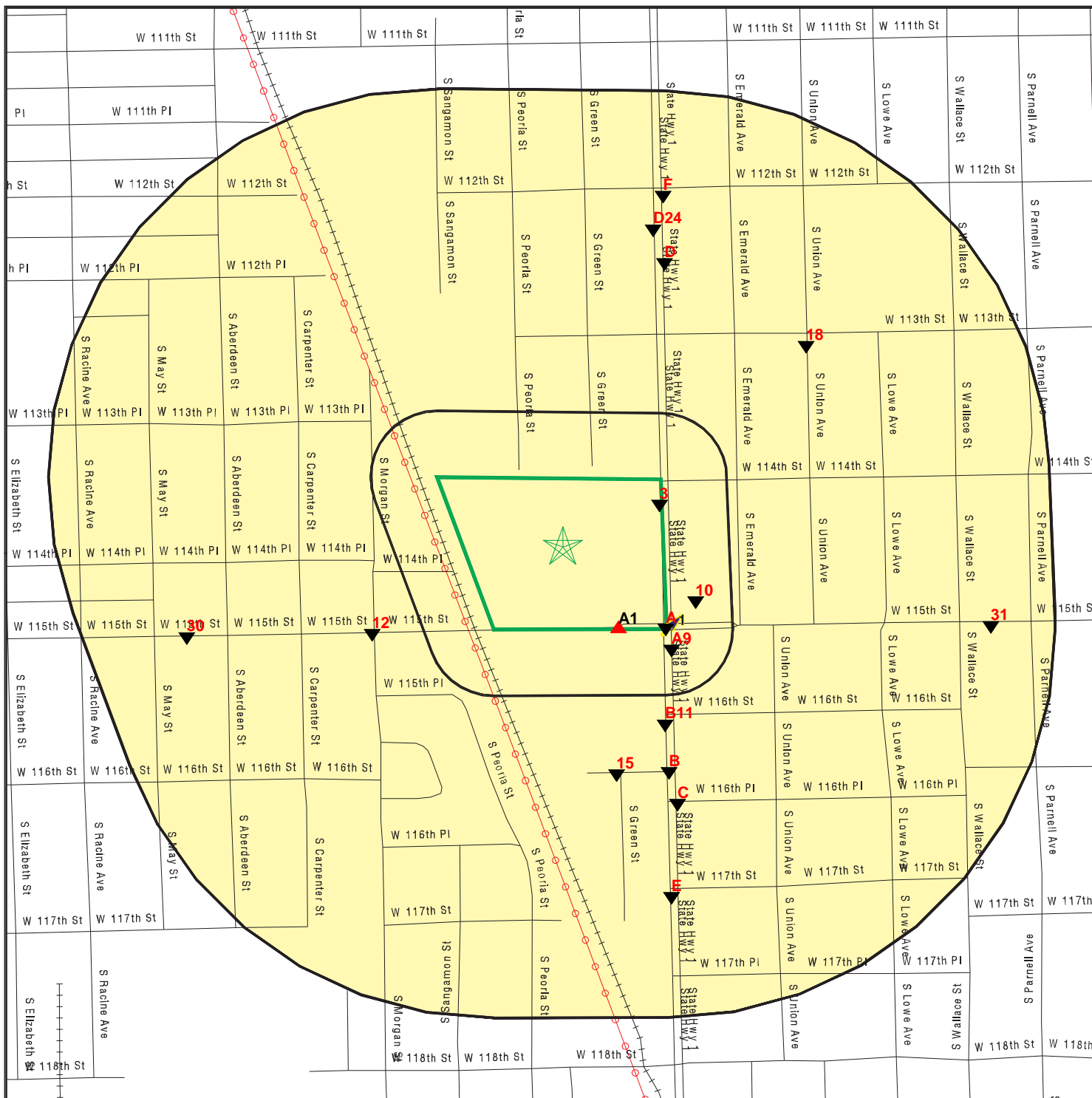
EXECUTIVE SUMMARY

| <u>Name</u> | <u>Address</u> | <u>Dist/Dir</u> | <u>Map ID</u> | <u>Page</u> |
|--|------------------------|-----------------|---------------|-------------|
| NOVAK CHAS W
EDR US Hist Auto Stat: Historical Gas Stations | 11500 S HALSTED | <1/10 SE | ▼ A2 | 14 |
| 11414 S HALSTED ST
EDR US Hist Cleaners: Historical Dry Cleaners | 11414 S HALSTED ST | <1/10 ENE | ▼ 3 | 15 |
| 11500 S HALSTED ST
EDR US Hist Auto Stat: Historical Gas Stations | 11500 S HALSTED ST | <1/10 SE | ▼ A4 | 16 |
| G & Z AMOCO
EDR US Hist Auto Stat: Historical Gas Stations | 11500 S HALSTED ST | <1/10 SE | ▼ A6 | 19 |
| 11501 S HALSTED ST
EDR US Hist Auto Stat: Historical Gas Stations | 11501 S HALSTED ST | <1/10 SE | ▼ A8 | 23 |
| BOB S SUPER 100
EDR US Hist Auto Stat: Historical Gas Stations | 11525 S HALSTED PKWY | <1/10 SE | ▼ A9 | 24 |
| 11550 S HALSTED ST
EDR US Hist Auto Stat: Historical Gas Stations | 11550 S HALSTED ST | <1/10 SSE | ▼ B11 | 26 |
| PRIDJIAN K A AND CO
EDR US Hist Cleaners: Historical Dry Cleaners | 11600 S HALSTED PKWY | 1/10 - 1/3 SSE | ▼ B13 | 28 |
| PRIDJIAN K A & CO
EDR US Hist Cleaners: Historical Dry Cleaners | 11600 S HALSTED ST | 1/10 - 1/3 SSE | ▼ B14 | 29 |
| 821 W 116TH ST
EDR US Hist Auto Stat: Historical Gas Stations | 821 W 116TH ST | 1/10 - 1/3 SSE | ▼ 15 | 30 |
| MIDAS AUTO SERVICE EXPERTS
EDR US Hist Auto Stat: Historical Gas Stations | 11641 SOUTH HALSTED ST | 1/10 - 1/3 SSE | ▼ C16 | 32 |
| 11641 S HALSTED ST
EDR US Hist Auto Stat: Historical Gas Stations | 11641 S HALSTED ST | 1/10 - 1/3 SSE | ▼ C17 | 33 |
| 11306 S UNION AVE
EDR US Hist Cleaners: Historical Dry Cleaners | 11306 S UNION AVE | 1/10 - 1/3 NE | ▼ 18 | 34 |
| 11251 S HALSTED ST
EDR US Hist Cleaners: Historical Dry Cleaners | 11251 S HALSTED ST | 1/10 - 1/3 NNE | ▼ D19 | 35 |
| KLEEN TOWNE CLNRS
EDR US Hist Cleaners: Historical Dry Cleaners | 11249 S HALSTED ST | 1/10 - 1/3 NNE | ▼ D20 | 36 |
| KLEEN TOWNE CLNRS
EDR US Hist Cleaners: Historical Dry Cleaners | 11249 S HALSTED PKWY | 1/10 - 1/3 NNE | ▼ D23 | 48 |
| B AND G SERVICE STA | 11656 S HALSTED PKWY | 1/10 - 1/3 SSE | ▼ E25 | 51 |

EXECUTIVE SUMMARY

| <u>Name</u> | <u>Address</u> | <u>Dist/Dir</u> | <u>Map ID</u> | <u>Page</u> |
|--|---------------------|-----------------|---------------|-------------|
| EDR US Hist Auto Stat: Historical Gas Stations | | | | |
| PHILLIPS
EDR US Hist Auto Stat: Historical Gas Stations | 11656 S HALSTED | 1/10 - 1/3 SSE | ▼ E27 | 54 |
| CAR X AUTO SERVICE
EDR US Hist Auto Stat: Historical Gas Stations | 11203 S HALSTED ST | 1/10 - 1/3 NNE | ▼ F28 | 55 |
| 11200 S HALSTED ST
EDR US Hist Auto Stat: Historical Gas Stations | 11200 S HALSTED ST | 1/10 - 1/3 NNE | ▼ F29 | 56 |
| FRANK S AUTO REPAIR SHOP
EDR US Hist Auto Stat: Historical Gas Stations | 1119 W 115TH ST CIR | 1/10 - 1/3 WSW | ▼ 30 | 58 |

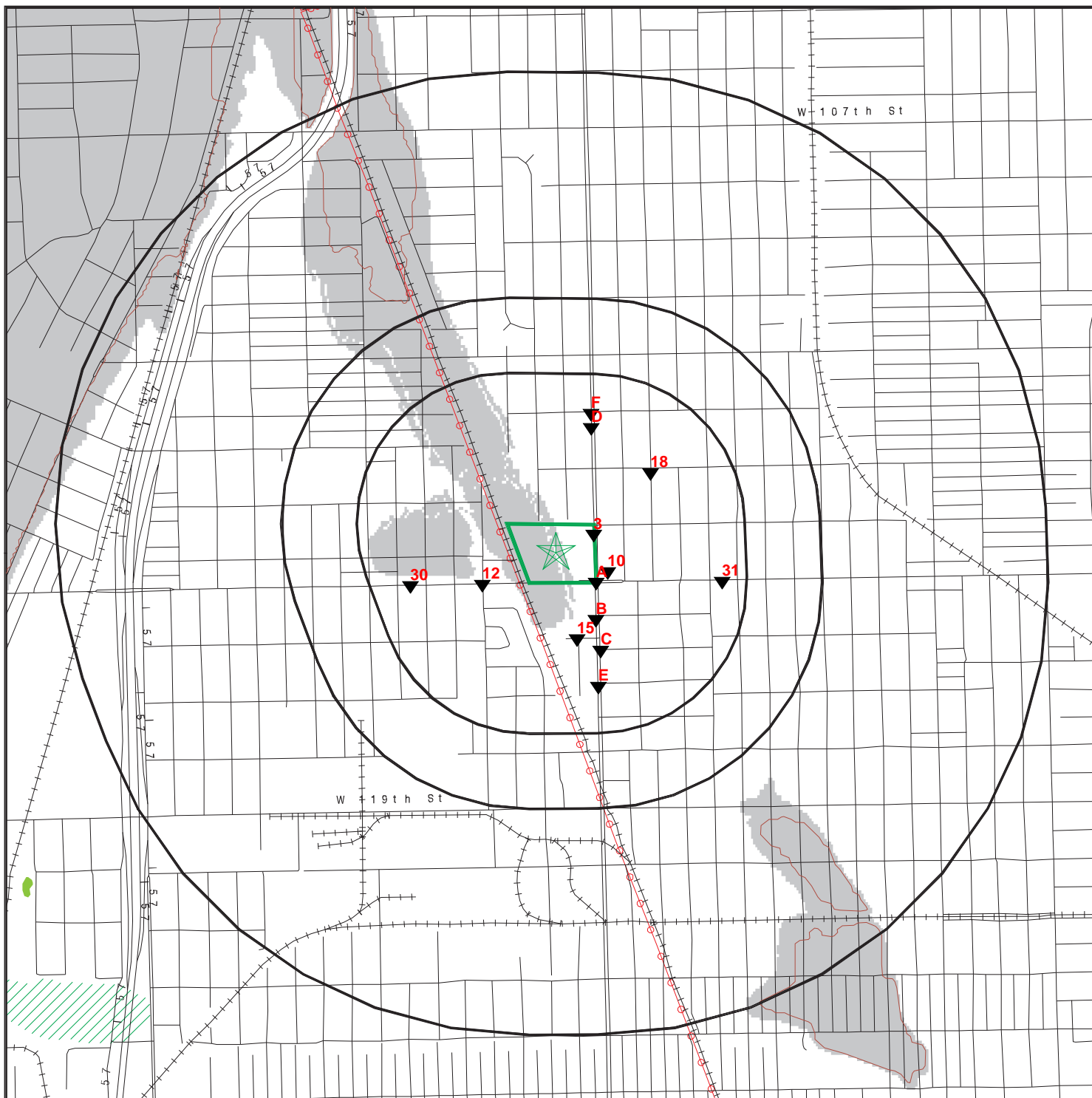
PRIMARY MAP - 3921318.6s



- | | | |
|---|-------------------------------|--|
| Target Property | Indian Reservations BIA | Groundwater Flow Direction |
| Sites at elevations higher than or equal to the target property | Power transmission lines | Indeterminate Groundwater Flow at Location |
| Sites at elevations lower than the target property | Oil & Gas pipelines from USGS | Groundwater Flow Varies at Location |
| Manufactured Gas Plants | 100-year flood zone | |
| Sensitive Receptors | 500-year flood zone | |
| National Priority List Sites | | |
| Dept. Defense Sites | | |

| | |
|---|--|
| SITE NAME: Chicago 115th and Halsted
ADDRESS: 830 W. 115th Street
Chicago IL 60643
LAT/LONG: 41.6861 / -87.6439 | CLIENT: Tetra Tech EM, Inc.
CONTACT: Lance Summers
INQUIRY #: 3921318.6s
DATE: April 23, 2014 1:45 pm |
|---|--|

SECONDARY MAP - 3921318.6s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Contour Lines

Power transmission lines

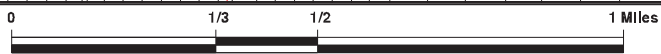
Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Upgradient Area



SITE NAME: Chicago 115th and Halsted
 ADDRESS: 830 W. 115th Street
 Chicago IL 60643
 LAT/LONG: 41.6861 / -87.6439

CLIENT: Tetra Tech EM, Inc.
 CONTACT: Lance Summers
 INQUIRY #: 3921318.6s
 DATE: April 23, 2014 1:40 pm

AERIAL PHOTOGRAPHY - 3921318.6s



0 300 1/3 Miles



SITE NAME: Chicago 115th and Halsted
ADDRESS: 830 W. 115th Street
Chicago IL 60643
LAT/LONG: 41.6861 / -87.6439

CLIENT: Tetra Tech EM, Inc.
CONTACT: Lance Summers
INQUIRY #: 3921318.6s
DATE: April 23, 2014 1:50 pm

MAP FINDINGS

LEGEND

| | | |
|---|--|--|
| FACILITY NAME | | EDR SITE ID NUMBER |
| FACILITY ADDRESS, CITY, ST, ZIP | | |
| ▼ MAP ID# | Direction Distance Range (Distance feet / miles) | ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency. |
| | Relative Elevation Feet Above Sea Level | |
| Worksheet: | | |
| Comments:
Comments may be added on the online Vapor Encroachment Worksheet. | | |

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

| | | |
|---|---|---|
| CHICAGO HOUSING AUTHORITY
833 WEST 115TH ST., CHICAGO, IL, 60643 | | S104524777 |
| ▲ A1 | SSE <1/10 (0 ft. / 0 mi.) | State and tribal leaking storage tank lists
State and tribal voluntary cleanup sites |
| | Equal Elevation 619 ft. Above Sea Level | |

Worksheet:

LUST: State and tribal leaking storage tank lists

| | |
|--------------------------------|------------------------------|
| Incident Num: | 921830 |
| IL EPA Id: | 0316755035 |
| Product: | Uset Oil |
| IEMA Date: | 07/07/1992 |
| Project Manager: | Myers |
| Project Manager Phone: | (217) 785-7491 |
| Email: | Dave.Myers@illinois.gov |
| PRP Name: | Chicago Housing Authority |
| PRP Contact: | Scott Ammarell |
| PRP Address: | 60 East VanBuren, 12th Floor |
| PRP City,St,Zip: | Chicago, IL 60605 |
| PRP Phone: | Not Reported |
| Site Classification: | Not Reported |
| Section 57.5(g) Letter: | 731 |
| Date Section 57.5(g) Letter: | Not Reported |
| Non LUST Determination Letter: | Not Reported |
| 20 Report Received: | 11/03/1994 |
| 45 Report Received: | 11/22/1994 |
| NFA/NFR Letter: | 11/01/2010 |
| NFR Date Recorded: | Not Reported |

SRP: State and tribal voluntary cleanup sites

| | |
|------------|------------|
| IL EPA Id: | 0316755035 |
|------------|------------|

MAP FINDINGS

CHICAGO HOUSING AUTHORITY, 833 WEST 115TH ST., CHICAGO, IL 60643 (Continued)

| | |
|------------------------------------|-----------------------------|
| US EPA Id: | ILD984839035 |
| Longitude: | -87.64337 |
| Latitude: | 41.68442 |
| Contact Name: | Thomas Morabito |
| Contact Address: | 141 West Jackson Boulevard |
| Contact Address2: | Suite 3540 |
| Contact City,St,Zip: | Chicago, IL 60604- |
| Contact Phone: | (312) 327-2700 |
| Date Enrolled: | 06/25/2004 |
| Point Of Contact: | Richard C. Thomas |
| Consultant Company: | Challenge Contractors, Inc. |
| Consultant Address: | 2612 Flossmoor Road |
| Consultant Address2: | P.O. Box 333 |
| Consultant City,St,Zip: | Flossmoor, IL 60422- |
| Consultant Phone: | (708) 206-0007 |
| Proj Mgr Assigned: | Irwin |
| Sec. 4 Letter Date: | Not Reported |
| NFR Recorded: | Not Reported |
| Active: | False |
| Total Acres: | 4.299 |
| No Further Remediation Letter Dt: | Not Reported |
| Remediation Applicant Co: | Preferred-Halsted LLC |
| Remediation Applicant Title: | Mr. |
| Remediation Applicant Name: | Not Reported |
| Remediation Applicant Company: | Not Reported |
| Remediation Applicant Address: | Not Reported |
| Remediation Applicant Address 2: | Not Reported |
| Remediation Applicant City,St,Zip: | Not Reported |
| Illinois EPA: | Not Reported |
| Site Name: | Not Reported |
| NFR Letter: | Not Reported |
| NFR Letter Date Recorded: | Not Reported |
| Site Type: | Not Reported |
| Comprehensive/Focused: | Not Reported |
| Institutional Controls: | Not Reported |
| Barrier: | Not Reported |
| Worker Caution: | Not Reported |
| Acres: | Not Reported |

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|-------------------------|
| NOVAK CHAS W
11500 S HALSTED, CHICAGO, IL, | | | 1009098157 |
| ▼ A2 | SE <1/10 | (0 ft. / 0 mi.) | Historical Gas Stations |
| | 1 ft. Lower Elevation | 618 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: NOVAK CHAS W
 Year: 1928
 Type: GASOLINE AND OIL SERVICE STATIONS

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| 11414 S HALSTED ST
11414 S HALSTED ST, CHICAGO, IL, 60628 | | | 1014977935 |
| ▼ 3 | ENE <1/10 | (0 ft. / 0 mi.) | Historical Dry Cleaners |
| | 1 ft. Lower Elevation | 618 ft. Above Sea Level | |

Worksheet:

Impact on Target Property: VEC Exists

EDR Historical Cleaners: Historical Dry Cleaners

Name: VICTORS VALET DRY CLEANING
 Year: 2007
 Address: 11414 S HALSTED ST

MAP FINDINGS

| | | |
|--|---|-------------------------|
| 11500 S HALSTED ST
11500 S HALSTED ST, CHICAGO, IL, 60628 | | 1009074493 |
| ▼ A4 | SE <1/10 (11 ft. / 0.002 mi.) | Historical Gas Stations |
| | 1 ft. Lower Elevation 618 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: ART S STANDARD SERV
Year: 1981
Type: SERVICE STATIONS GASOLINE AND OIL

Name: G & Z AMOCO
Year: 2001
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2002
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2003
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2004
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2005
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2006
Address: 11500 S HALSTED ST

Name: G & Z AMOCO
Year: 2007
Address: 11500 S HALSTED ST

MAP FINDINGS

| | | |
|---|---|--|
| AMOCO OIL
11500 SOUTH HALSTED STREET, CHICAGO, IL, 60628 | | U004110544 |
| ▼ A5 | SE <1/10 (11 ft. / 0.002 mi.) | State and tribal leaking storage tank lists |
| | 1 ft. Lower Elevation 618 ft. Above Sea Level | State and tribal registered storage tank lists |

Worksheet:

UST: State and tribal registered storage tank lists

Facility ID: 2023001
 Facility Status: ACTIVE
Facility Type: SELF-SERVICE STATION
 Owner Id: U0034353
 Owner Name: Sania Oil Company
 Owner Address: 1002 Sean Circle
 Owner City,St,Zip: Darien, IL 60561

Tank Number: 1
Tank Status: Currently in use
 Tank Capacity: 10000
 Tank Substance: Gasoline
 Last Used Date: Not Reported
 OSFM First Notify Date: 4/25/1986
 Red Tag Issue Date: Not Reported
 Install Date: 1/1/1979
Green Tag Decal: N001799
Green Tag Issue Date: 6/18/2012
Green Tag Expire Date: 12/31/2014
 Self Service Permit Inspection Date: Not Reported
 Self Service Permit Expire Date: Not Reported
 Fee Due: \$0.00

Tank Number: 2
Tank Status: Currently in use
 Tank Capacity: 10000
 Tank Substance: Gasoline
 Last Used Date: Not Reported
 OSFM First Notify Date: 4/25/1986
 Red Tag Issue Date: Not Reported
 Install Date: 1/1/1979
Green Tag Decal: N001799
Green Tag Issue Date: 6/18/2012
Green Tag Expire Date: 12/31/2014
 Self Service Permit Inspection Date: Not Reported
 Self Service Permit Expire Date: Not Reported
 Fee Due: \$0.00

Tank Number: 3
Tank Status: Currently in use
 Tank Capacity: 10000
 Tank Substance: Gasoline

MAP FINDINGS

AMOCO OIL, 11500 SOUTH HALSTED STREET, CHICAGO, IL 60628 (Continued)

| | |
|--------------------------------------|-------------------|
| Last Used Date: | Not Reported |
| OSFM First Notify Date: | 4/25/1986 |
| Red Tag Issue Date: | Not Reported |
| Install Date: | 1/1/1979 |
| Green Tag Decal: | N001799 |
| Green Tag Issue Date: | 6/18/2012 |
| Green Tag Expire Date: | 12/31/2014 |
| Self Service Permit Inspection Date: | Not Reported |
| Self Service Permit Expire Date: | Not Reported |
| Fee Due: | \$0.00 |

LUST: State and tribal leaking storage tank lists

| | |
|--------------------------------|------------------------------|
| Incident Num: | 923184 |
| IL EPA Id: | 0316545010 |
| Product: | Gasoline |
| IEMA Date: | 11/12/1992 |
| Project Manager: | Friedel |
| Project Manager Phone: | (217) 785-5736 |
| Email: | Melinda.Friedel@illinois.gov |
| PRP Name: | Amoco Oil Co. |
| PRP Contact: | Lyle Bruce |
| PRP Address: | 28100 Torch Pkwy., 6-S |
| PRP City,St,Zip: | Warrenville, IL 60555 |
| PRP Phone: | Not Reported |
| Site Classification: | Not Reported |
| Section 57.5(g) Letter: | 731 |
| Date Section 57.5(g) Letter: | Not Reported |
| Non LUST Determination Letter: | Not Reported |
| 20 Report Received: | 12/01/1992 |
| 45 Report Received: | 02/16/1993 |
| NFA/NFR Letter: | 09/05/2003 |
| NFR Date Recorded: | 09/25/2003 |

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|-------------------------|
| G & Z AMOCO
11500 S HALSTED ST, CHICAGO, IL, | | | 1009074404 |
| ▼ A6 | SE <1/10 | (11 ft. / 0.002 mi.) | Historical Gas Stations |
| | 1 ft. Lower Elevation | 618 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

| | |
|-------|------------------------------|
| Name: | G & Z AMOCO |
| Year: | 2003 |
| Type: | SERVICE STATIONS GAS AND OIL |

MAP FINDINGS

| | | |
|---|---|--|
| MOBIL CARWASH
11501 SOUTH HALSTED STREET, CHICAGO, IL, 60628 | | U000174475 |
| ▼ A7 | SE <1/10 (32 ft. / 0.006 mi.) | State and tribal leaking storage tank lists |
| | 1 ft. Lower Elevation 618 ft. Above Sea Level | State and tribal registered storage tank lists |

Worksheet:

UST: State and tribal registered storage tank lists

Facility ID: 2007045
 Facility Status: ACTIVE
Facility Type: SELF-SERVICE STATION
 Owner Id: U0034774
 Owner Name: Rockbuild Enterprises, Inc.
 Owner Address: 3720 Albert Lane
 Owner City,St,Zip: Long Grove, IL 60047

Tank Number: 1
Tank Status: Removed
 Tank Capacity: 9520
 Tank Substance: Gasoline
 Last Used Date: 6/1/2001
 OSFM First Notify Date: 4/25/1986
 Red Tag Issue Date: Not Reported
 Install Date: 1/1/1973
Green Tag Decal: O000177
Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
 Fee Due: \$0.00

Tank Number: 2
Tank Status: Removed
 Tank Capacity: 9520
 Tank Substance: Gasoline
 Last Used Date: 6/1/2001
 OSFM First Notify Date: 4/25/1986
 Red Tag Issue Date: Not Reported
 Install Date: 1/1/1973
Green Tag Decal: O000177
Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
 Fee Due: \$0.00

Tank Number: 3
Tank Status: Removed

MAP FINDINGS

MOBIL CARWASH, 11501 SOUTH HALSTED STREET, CHICAGO, IL 60628 (Continued)

Tank Capacity: 7734
 Tank Substance: Gasoline
 Last Used Date: 6/1/2001
 OSFM First Notify Date: 4/25/1986
 Red Tag Issue Date: Not Reported
 Install Date: 1/1/1973
Green Tag Decal: O000177
Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
 Fee Due: \$0.00

Tank Number: 4
Tank Status: Currently in use
 Tank Capacity: 4000
 Tank Substance: Gasoline
 Last Used Date: Not Reported
 OSFM First Notify Date: 3/5/2002
 Red Tag Issue Date: Not Reported
 Install Date: 9/5/2001
Green Tag Decal: O000177
Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
 Fee Due: \$0.00

Tank Number: 5
Tank Status: Currently in use
 Tank Capacity: 8000
 Tank Substance: Gasoline
 Last Used Date: Not Reported
 OSFM First Notify Date: 3/5/2002
 Red Tag Issue Date: Not Reported
 Install Date: 9/5/2001
Green Tag Decal: O000177
Green Tag Issue Date: 8/6/2013
Green Tag Expire Date: 12/31/2015
Self Service Permit Inspection Date: 8/6/2013
Self Service Permit Expire Date: 12/31/2015
 Fee Due: \$0.00

Tank Number: 6
Tank Status: Currently in use
 Tank Capacity: 12000
 Tank Substance: Gasoline
 Last Used Date: Not Reported

MAP FINDINGS

MOBIL CARWASH, 11501 SOUTH HALSTED STREET, CHICAGO, IL 60628 (Continued)

| | |
|---|-------------------|
| OSFM First Notify Date: | 3/5/2002 |
| Red Tag Issue Date: | Not Reported |
| Install Date: | 9/5/2001 |
| Green Tag Decal: | O000177 |
| Green Tag Issue Date: | 8/6/2013 |
| Green Tag Expire Date: | 12/31/2015 |
| Self Service Permit Inspection Date: | 8/6/2013 |
| Self Service Permit Expire Date: | 12/31/2015 |
| Fee Due: | \$0.00 |

LUST: State and tribal leaking storage tank lists

| | |
|--------------------------------|---------------------------|
| Incident Num: | 990250 |
| IL EPA Id: | 0316495058 |
| Product: | Gasoline |
| IEMA Date: | 02/05/1999 |
| Project Manager: | Malcom |
| Project Manager Phone: | (217) 524-9140 |
| Email: | James.Malcom@illinois.gov |
| PRP Name: | Equilon Enterprises LLC |
| PRP Contact: | John Robbins |
| PRP Address: | 603 Diehl Rd., Suite 103 |
| PRP City,St,Zip: | Naperville, IL 60563 |
| PRP Phone: | 6302764206 |
| Site Classification: | HIGH |
| Section 57.5(g) Letter: | 732 |
| Date Section 57.5(g) Letter: | Not Reported |
| Non LUST Determination Letter: | Not Reported |
| 20 Report Received: | 02/10/1999 |
| 45 Report Received: | 02/26/1999 |
| NFA/NFR Letter: | 11/15/2002 |
| NFR Date Recorded: | 01/21/2003 |

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| 11501 S HALSTED ST
11501 S HALSTED ST, CHICAGO, IL, 60628 | | | 1009074020 |
| ▼ A8 | SE <1/10 | (32 ft. / 0.006 mi.) | Historical Gas Stations |
| | 1 ft. Lower Elevation | 618 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: HALSTED MOBIL
Year: 2003
Type: SERVICE STATIONS GAS AND OIL

Name: HALSTED MOBIL
Year: 2004
Address: 11501 S HALSTED ST

Name: HALSTED MOBIL
Year: 2010
Address: 11501 S HALSTED ST

Name: HALSTED MOBIL
Year: 2011
Address: 11501 S HALSTED ST

MAP FINDINGS

| | | | |
|---|-----------------------------------|---|-------------------------|
| BOB S SUPER 100
11525 S HALSTED PKWY, CHICAGO, IL, | | | 1009076533 |
| ▼ A9 | SE <1/10
1 ft. Lower Elevation | (95 ft. / 0.018 mi.)
618 ft. Above Sea Level | Historical Gas Stations |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: BOB S SUPER 100
 Year: 1981
 Type: SERVICE STATIONS GASOLINE AND OIL

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|---|
| FIRST COOK COMM. BANK
11453 SOUTH HALSTED ST., CHICAGO, IL, 60643 | | | S104525208 |
| ▼ 10 | ESE <1/10 | (135 ft. / 0.026 mi.) | State and tribal leaking storage tank lists |
| | 1 ft. Lower Elevation | 618 ft. Above Sea Level | |

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 920332
 IL EPA Id: 0316755040
 Product: Gasoline
 IEMA Date: 02/05/1992
 Project Manager: Nickell
 Project Manager Phone: (217) 782-6762
 Email: Not Reported
 PRP Name: First Cook Comm. Bank
 PRP Contact: Adam Epstein
 PRP Address: 2720 West Devon Ave.
 PRP City,St,Zip: Chicago, IL 60659
 PRP Phone: Not Reported
 Site Classification: Not Reported
 Section 57.5(g) Letter: 731
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 05/12/1992
 45 Report Received: 05/22/1992
NFA/NFR Letter: 08/18/1992
 NFR Date Recorded: Not Reported

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| 11550 S HALSTED ST
11550 S HALSTED ST, CHICAGO, IL, 60628 | | | 1015169673 |
| ▼ B11 | SSE <1/10 | (431 ft. / 0.082 mi.) | Historical Gas Stations |
| | 1 ft. Lower Elevation | 618 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: PEP BOYS EXPRESS
 Year: 1999
 Address: 11550 S HALSTED ST

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|---|
| E.J. BROWNLEE TRANSPORTATION
1001 WEST 115TH ST., CHICAGO, IL, 60643 | | | S104528868 |
| ▼ 12 | WSW <1/10 | (524 ft. / 0.099 mi.) | State and tribal leaking storage tank lists |
| | 3 ft. Lower Elevation | 616 ft. Above Sea Level | |

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 981649
 IL EPA Id: 0316755006
 Product: Deisel
 IEMA Date: 07/08/1998
 Project Manager: Carlock
 Project Manager Phone: (217) 782-6762
 Email: Not Reported
 PRP Name: E.J. Brownlee Transportation
 PRP Contact: Edison Brownlee
 PRP Address: 1001 West 115th St.
 PRP City,St,Zip: Chicago, IL 60643
 PRP Phone: 7736601999
 Site Classification: Not Reported
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 07/28/1998
 45 Report Received: 12/18/1998
NFA/NFR Letter: 04/01/1999
 NFR Date Recorded: 09/16/1999

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|-------------------------|
| PRIDJIAN K A AND CO
11600 S HALSTED PKWY, CHICAGO, IL, | | | 1009187501 |
| ▼ B13 | SSE 1/10 - 1/3 | (647 ft. / 0.122 mi.) | Historical Dry Cleaners |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Cleaners: Historical Dry Cleaners

| | |
|-------|-------------------------|
| Name: | PRIDJIAN K A AND CO |
| Year: | 1981 |
| Type: | CARPET AND RUG CLEANERS |

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|-------------------------|
| PRIDJIAN K A & CO
11600 S HALSTED ST, CHICAGO, IL, | | | 1009186887 |
| ▼ B14 | SSE 1/10 - 1/3 | (652 ft. / 0.124 mi.) | Historical Dry Cleaners |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Cleaners: Historical Dry Cleaners

| | |
|-------|-------------------------|
| Name: | PRIDJIAN K A & CO |
| Year: | 2003 |
| Type: | CARPET AND RUG CLEANERS |

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| 821 W 116TH ST
821 W 116TH ST, CHICAGO, IL, 60643 | | | 1015647799 |
| ▼ 15 | SSE 1/10 - 1/3 | (656 ft. / 0.124 mi.) | Historical Gas Stations |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: ROSELAND AUTO SHOP
Year: 1999
Address: 821 W 116TH ST

Name: ROSELAND AUTO SHOP
Year: 2000
Address: 821 W 116TH ST

Name: ROSELAND AUTO SHOP
Year: 2001
Address: 821 W 116TH ST

Name: ROSELAND AUTO SHOP
Year: 2002
Address: 821 W 116TH ST

Name: ROSELAND AUTO SHOP
Year: 2003
Address: 821 W 116TH ST

Name: ROSELAND AUTO BODY
Year: 2005
Address: 821 W 116TH ST

Name: RIVERDALE BODY SHOP
Year: 2007
Address: 821 W 116TH ST

Name: ROSELAND AUTO BODY
Year: 2008
Address: 821 W 116TH ST

Name: ROSELAND AUTO BODY
Year: 2009
Address: 821 W 116TH ST

Name: RIVERDALE COLLISION
Year: 2010
Address: 821 W 116TH ST

Name: RIVERDALE BODY SHOP
Year: 2011
Address: 821 W 116TH ST

Name: RIVERDALE BODY SHOP
Year: 2012
Address: 821 W 116TH ST

MAP FINDINGS

821 W 116TH ST, 821 W 116TH ST, CHICAGO, IL 60643 (Continued)

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| MIDAS AUTO SERVICE EXPERTS
11641 SOUTH HALSTED ST, CHICAGO, IL, | | | 1009073807 |
| ▼ C16 | SSE 1/10 - 1/3 | (792 ft. / 0.15 mi.) | Historical Gas Stations |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

| | |
|-------|-------------------------------|
| Name: | MIDAS AUTO SERVICE EXPERTS |
| Year: | 2003 |
| Type: | AUTOMOBILE REPAIR AND SERVICE |

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| 11641 S HALSTED ST
11641 S HALSTED ST, CHICAGO, IL, 60628 | | | 1015171418 |
| ▼ C17 | SSE 1/10 - 1/3 | (792 ft. / 0.15 mi.) | Historical Gas Stations |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

- Name: MIDAS AUTO SYSTEMS EXPERTS
- Year: 2000
- Address: 11641 S HALSTED ST

- Name: MIDAS AUTO SERVICE EXPERTS
- Year: 2001
- Address: 11641 S HALSTED ST

- Name: 116TH STREET AUTO SERVICE INC
- Year: 2002
- Address: 11641 S HALSTED ST

- Name: MIDAS AUTO SERVICE EXPERTS
- Year: 2003
- Address: 11641 S HALSTED ST

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| 11306 S UNION AVE
11306 S UNION AVE, CHICAGO, IL, 60628 | | | 1014977280 |
| ▼ 18 | NE 1/10 - 1/3 | (894 ft. / 0.169 mi.) | Historical Dry Cleaners |
| | 3 ft. Lower Elevation | 616 ft. Above Sea Level | |

Worksheet:

EDR Historical Cleaners: Historical Dry Cleaners

Name: STAR BRITE CLEANERS
Year: 2009
Address: 11306 S UNION AVE

MAP FINDINGS

| | | | |
|--|---|--|-------------------------|
| 11251 S HALSTED ST
11251 S HALSTED ST, CHICAGO, IL, 60628 | | | 1014976874 |
| ▼ D19 | NNE 1/10 - 1/3
2 ft. Lower Elevation | (981 ft. / 0.186 mi.)
617 ft. Above Sea Level | Historical Dry Cleaners |

Worksheet:

EDR Historical Cleaners: Historical Dry Cleaners

| | |
|----------|---------------------|
| Name: | CLEAN TOWN CLEANERS |
| Year: | 2010 |
| Address: | 11251 S HALSTED ST |
|
 | |
| Name: | CLEAN TOWN CLEANERS |
| Year: | 2011 |
| Address: | 11251 S HALSTED ST |
|
 | |
| Name: | CLEAN TOWN CLEANERS |
| Year: | 2012 |
| Address: | 11251 S HALSTED ST |

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|-------------------------|
| KLEEN TOWNE CLNRS
11249 S HALSTED ST, CHICAGO, IL, | | | 1009183642 |
| ▼ D20 | NNE 1/10 - 1/3 | (994 ft. / 0.188 mi.) | Historical Dry Cleaners |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Cleaners: Historical Dry Cleaners

Name: KLEEN TOWNE CLNRS
 Year: 2003
 Type: DRAPERY AND CURTAIN CLEANERS

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|--|
| KLEENE TOWNE CLEANERS
11249 SOUTH HALSTED STREET, CHICAGO, IL, 60628- | | | S108255951 |
| ▼ D21 | NNE 1/10 - 1/3 | (994 ft. / 0.188 mi.) | State and tribal voluntary cleanup sites
Other Standard Environmental Records |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

UIC: Other Standard Environmental Records

Facility Id: ILEA414
 Facility Type: Not Reported
 Facility State Id: 414
 NAICS Code: Not Reported
 SIC Code: Not Reported

Well:

Well Id: ILEA5X267596414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267597414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported

MAP FINDINGS

KLEENE TOWNE CLEANERS, 11249 SOUTH HALSTED STREET, CHICAGO, IL 60628- (Continued)

Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267598414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267599414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414

MAP FINDINGS

KLEENE TOWNE CLEANERS, 11249 SOUTH HALSTED STREET, CHICAGO, IL 60628- (Continued)

Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267600414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267601414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267602414
 Well Name: Not Reported

MAP FINDINGS

KLEENE TOWNE CLEANERS, 11249 SOUTH HALSTED STREET, CHICAGO, IL 60628- (Continued)

Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267603414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267604414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported

MAP FINDINGS

KLEENE TOWNE CLEANERS, 11249 SOUTH HALSTED STREET, CHICAGO, IL 60628- (Continued)

Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267605414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267606414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported
 Status Date: 2004-09-15 00:00:00

MAP FINDINGS

KLEENE TOWNE CLEANERS, 11249 SOUTH HALSTED STREET, CHICAGO, IL 60628- (Continued)

Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

Well Id: ILEA5X267607414
 Well Name: Not Reported
 Permit Id: ILEA5RA
 AOR Well: Not Reported
 AUT Status: RA
 Ownership Type: Not Reported
 Permit State Id: IL
 Submission Date: Not Reported
 Aquifer Exempt: No
 Total Depth: Not Reported
 Geology Id: Not Reported
 Well Site: Not Reported
 Well In Source Water Area: Not Reported

Status Date: 2004-09-15 00:00:00
 Operate Status Code: UC
 Well Type: 5B6
 Well Type Date: 2004-09-15 00:00:00
 Contact Id: ILEA414
 Contact Name: Not Provided
 Contact Street: 11249 South Halsted St
 Contact City/State/Zip: Chicago, IL 60628

SRP: State and tribal voluntary cleanup sites

IL EPA Id: 0316495008
 US EPA Id: ILD064381650
 Longitude: -87.64190
 Latitude: 41.68901
 Contact Name: Karney Boyajian
 Contact Address: 11249 South Halsted Street
 Contact Address2: Not Reported
 Contact City,St,Zip: Chicago, IL 60628-
 Contact Phone: (773) 785-2127
 Date Enrolled: 07/02/2001
 Point Of Contact: Christopher J. Lee
 Consultant Company: Northern Environmental Technologies, Inc.
 Consultant Address: 647 Academy Drive
 Consultant Address2: Not Reported
 Consultant City,St,Zip: Northbrook, IL 60062-
 Consultant Phone: (847) 562-8577
 Proj Mgr Assigned: Murphy

MAP FINDINGS

KLEENE TOWNE CLEANERS, 11249 SOUTH HALSTED STREET, CHICAGO, IL 60628- (Continued)

| | |
|------------------------------------|-----------------------|
| Sec. 4 Letter Date: | Not Reported |
| NFR Recorded: | Not Reported |
| Active: | False |
| Total Acres: | 0.359 |
| No Further Remediation Letter Dt: | Not Reported |
| Remediation Applicant Co: | Kleene Towne Cleaners |
| Remediation Applicant Title: | Mr. |
| Remediation Applicant Name: | Not Reported |
| Remediation Applicant Company: | Not Reported |
| Remediation Applicant Address: | Not Reported |
| Remediation Applicant Address 2: | Not Reported |
| Remediation Applicant City,St,Zip: | Not Reported |
| Illinois EPA: | Not Reported |
| Site Name: | Not Reported |
| NFR Letter: | Not Reported |
| NFR Letter Date Recorded: | Not Reported |
| Site Type: | Not Reported |
| Comprehensive/Focused: | Not Reported |
| Institutional Controls: | Not Reported |
| Barrier: | Not Reported |
| Worker Caution: | Not Reported |
| Acres: | Not Reported |

MAP FINDINGS

| | | |
|---|---|--------------------------------------|
| KLEEN TOWNE CLEANERS
11249 S HALSTED, CHICAGO, IL, 60628 | | 1000206885 |
| ▼ D22 | NNE 1/10 - 1/3 (994 ft. / 0.188 mi.) | Federal RCRA generators list |
| | 2 ft. Lower Elevation 617 ft. Above Sea Level | Other Standard Environmental Records |

Worksheet:

FINDS: Other Standard Environmental Records

Registry ID: 110005835383

Environmental Interest/Information System:

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RCRA-SQG: Federal RCRA generators list

Date form received by agency: 11/18/1986
 Facility name: KLEEN TOWNE CLEANERS
 Facility address: 11249 S HALSTED
 CHICAGO, IL 60628
 EPA ID: ILD064381650
 Contact: KARNEY BOYAJIAN
 Contact address: 11249 S HALSTED
 CHICAGO, IL 60628
 Contact country: US
 Contact telephone: (312) 785-2127
 Contact email: Not Reported
 EPA Region: 05
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
 Owner/operator address: ADDRESS NOT REPORTED
 CITY NOT REPORTED, AK 99998
 Owner/operator country: Not Reported
 Owner/operator telephone: (312) 555-1212
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: Not Reported
 Owner/Op end date: Not Reported

MAP FINDINGS

KLEEN TOWNE CLEANERS, 11249 S HALSTED, CHICAGO, IL 60628 (Continued)

Owner/operator name: BOYAJIAN KARNEY
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not Reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not Reported
Owner/Op end date: Not Reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS: Other Standard Environmental Records

Registry ID: 110005835383

Environmental Interest/Information System:

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

KLEEN TOWNE CLEANERS, 11249 S HALSTED, CHICAGO, IL 60628 (Continued)

RCRA-SQG: Federal RCRA generators list

Date form received by agency: 11/18/1986
 Facility name: KLEEN TOWNE CLEANERS
 Facility address: 11249 S HALSTED
 CHICAGO, IL 60628
 EPA ID: ILD064381650
 Contact: KARNEY BOYAJIAN
 Contact address: 11249 S HALSTED
 CHICAGO, IL 60628
 Contact country: US
 Contact telephone: (312) 785-2127
 Contact email: Not Reported
 EPA Region: 05
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
 Owner/operator address: ADDRESS NOT REPORTED
 CITY NOT REPORTED, AK 99998
 Owner/operator country: Not Reported
 Owner/operator telephone: (312) 555-1212
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: Not Reported
 Owner/Op end date: Not Reported
 Owner/operator name: BOYAJIAN KARNEY
 Owner/operator address: ADDRESS NOT REPORTED
 CITY NOT REPORTED, AK 99998
 Owner/operator country: Not Reported
 Owner/operator telephone: (312) 555-1212
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not Reported
 Owner/Op end date: Not Reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No

MAP FINDINGS

KLEEN TOWNE CLEANERS, 11249 S HALSTED, CHICAGO, IL 60628 (Continued)

| | |
|-----------------------------------|----|
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Hazardous Waste Summary:

| | |
|-------------------|--|
| Waste code: | F002 |
| Waste name: | THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. |
| Violation Status: | No violations found |

NY MANIFEST: Other Standard Environmental Records

| | |
|--------------------|---------------------|
| EPA ID: | ILD064381650 |
| Country: | USA |
| Mailing Name: | KLEENTOWNE CLEANERS |
| Mailing Contact: | SARKIS BOYAJIAN |
| Mailing Address: | 11249 S HALSTED ST |
| Mailing Address 2: | Not Reported |
| Mailing City: | CHICAGO |
| Mailing State: | IL |
| Mailing Zip: | 60628 |
| Mailing Zip4: | 4795 |
| Mailing Country: | USA |
| Mailing Phone: | 773-785-2127 |

NY MANIFEST: No Manifest Records Available

No Manifest Records Available

MAP FINDINGS

| | | | |
|---|---|--|-------------------------|
| KLEEN TOWNE CLNRS
11249 S HALSTED PKWY, CHICAGO, IL, | | | 1009186655 |
| ▼ D23 | NNE 1/10 - 1/3
2 ft. Lower Elevation | (997 ft. / 0.189 mi.)
617 ft. Above Sea Level | Historical Dry Cleaners |

Worksheet:

EDR Historical Cleaners: Historical Dry Cleaners

| | |
|-------|-------------------|
| Name: | KLEEN TOWNE CLNRS |
| Year: | 1981 |
| Type: | CLEANERS |

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|---|
| LONGS GARDEN CENTER
11226 S HALSTED, CHICAGO, IL, | | | 1001213751 |
| ▼ D24 | NNE 1/10 - 1/3 | (1133 ft. / 0.215 mi.) | Federal RCRA generators list |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | State and tribal leaking storage tank lists
Other Standard Environmental Records |

Worksheet:

RCRA-SQG: Federal RCRA generators list

Date form received by agency: 11/24/1997
 Facility name: LONGS GARDEN CENTER INC
 Facility address: 11226 S HALSTED
 CHICAGO, IL 60628
 EPA ID: ILR000045344
 Contact: GEORGE LONG
 Contact address: 11226 S HALSTED
 CHICAGO, IL 60628
 Contact country: US
 Contact telephone: (773) 785-3129
 Contact email: Not Reported
 EPA Region: 05
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: LONGS GARDEN CENTER INC
 Owner/operator address: 11226 S HALSTED
 CHICAGO, IL 60628
 Owner/operator country: Not Reported
 Owner/operator telephone: (773) 785-3129
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not Reported
 Owner/Op end date: Not Reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No

MAP FINDINGS

LONGS GARDEN CENTER, 11226 S HALSTED, CHICAGO, IL (Continued)

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Violation Status: No violations found

FINDS: Other Standard Environmental Records

Registry ID: 110005960228

Environmental Interest/Information System:

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST: State and tribal leaking storage tank lists

Incident Num: 980313
IL EPA Id: 0316495100
Product: Gasoline
IEMA Date: 02/12/1998
Project Manager: Haskins
Project Manager Phone: (217) 782-6762
Email: Not Reported
PRP Name: Long's Garden Center, Inc.
PRP Contact: George Long
PRP Address: 11226 South Halsted
PRP City,St,Zip: Chicago, IL 60628
PRP Phone: 7737853129
Site Classification: Not Reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not Reported
Non LUST Determination Letter: Not Reported
20 Report Received: 03/25/1998
45 Report Received: 06/09/1998
NFA/NFR Letter: 02/19/1999
NFR Date Recorded: 03/24/1999

MAP FINDINGS

| | | | |
|---|---|--|-------------------------|
| B AND G SERVICE STA
11656 S HALSTED PKWY, CHICAGO, IL, | | | 1009074479 |
| ▼ E25 | SSE 1/10 - 1/3
3 ft. Lower Elevation | (1212 ft. / 0.23 mi.)
616 ft. Above Sea Level | Historical Gas Stations |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: B AND G SERVICE STA
 Year: 1981
 Type: SERVICE STATIONS GASOLINE AND OIL

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|---|
| PUBLIC PETROLEUM CO.
11656 SOUTH HALSTED, CHICAGO, IL, 60628 | | | S104521684 |
| ▼ E26 | SSE 1/10 - 1/3 | (1222 ft. / 0.231 mi.) | State and tribal leaking storage tank lists |
| | 3 ft. Lower Elevation | 616 ft. Above Sea Level | State and tribal voluntary cleanup sites |

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 970068
 IL EPA Id: 0316495087
 Product: Gasoline, Other Petro
 IEMA Date: 01/13/1997
 Project Manager: NOT ASSIGNED
 Project Manager Phone: Not Reported
 Email: Not Reported
 PRP Name: Public Petroleum Co.
 PRP Contact: James Packtor
 PRP Address: 2500 West 36th St.
 PRP City,St,Zip: Chicago, IL 60632
 PRP Phone: Not Reported
 Site Classification: Not Reported
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: Not Reported
 45 Report Received: Not Reported
 NFA/NFR Letter: Not Reported
 NFR Date Recorded: Not Reported

SRP: State and tribal voluntary cleanup sites

IL EPA Id: 0316495087
 US EPA Id: Not Reported
 Longitude: -87.64239
 Latitude: 41.68166
 Contact Name: James Packtor
 Contact Address: 2500 West 36th Street
 Contact Address2: Not Reported
 Contact City,St,Zip: Chicago, IL 60632
 Contact Phone: (773) 376-2500
 Date Enrolled: 02/04/1997
 Point Of Contact: Alisa S. Leyden
 Consultant Company: Leyden Environmental, Inc.
 Consultant Address: 2711 South Wabash Avenue
 Consultant Address2: Not Reported
 Consultant City,St,Zip: Chicago, IL 60616
 Consultant Phone: (312) 808-1476
 Proj Mgr Assigned: NA
 Sec. 4 Letter Date: Not Reported

MAP FINDINGS

PUBLIC PETROLEUM CO., 11656 SOUTH HALSTED, CHICAGO, IL 60628 (Continued)

| | |
|------------------------------------|------------------|
| NFR Recorded: | Not Reported |
| Active: | False |
| Total Acres: | Not Reported |
| No Further Remediation Letter Dt: | Not Reported |
| Remediation Applicant Co: | Public Petroleum |
| Remediation Applicant Title: | Mr. |
| Remediation Applicant Name: | Not Reported |
| Remediation Applicant Company: | Not Reported |
| Remediation Applicant Address: | Not Reported |
| Remediation Applicant Address 2: | Not Reported |
| Remediation Applicant City,St,Zip: | Not Reported |
| Illinois EPA: | Not Reported |
| Site Name: | Not Reported |
| NFR Letter: | Not Reported |
| NFR Letter Date Recorded: | Not Reported |
| Site Type: | Not Reported |
| Comprehensive/Focused: | Not Reported |
| Institutional Controls: | Not Reported |
| Barrier: | Not Reported |
| Worker Caution: | Not Reported |
| Acres: | Not Reported |

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|-------------------------|
| PHILLIPS
11656 S HALSTED, CHICAGO, IL, | | | 1009074202 |
| ▼ E27 | SSE 1/10 - 1/3 | (1222 ft. / 0.231 mi.) | Historical Gas Stations |
| | 3 ft. Lower Elevation | 616 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: PHILLIPS
 Year: 1976
 Type: SERVICE STATIONS GASOLINE AND OIL

 Name: PHILLIPS
 Year: 1981
 Type: SERVICE STATIONS GASOLINE AND OIL

 Name: MICKEYS AUTO CENTER
 Year: 1999
 Address: 11656 S HALSTED ST

 Name: NORMICKS AUTO SERVICE CTR
 Year: 2001
 Address: 11656 S HALSTED ST

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| CAR X AUTO SERVICE
11203 S HALSTED ST, CHICAGO, IL, | | | 1009073481 |
| ▼ F28 | NNE 1/10 - 1/3 | (1286 ft. / 0.244 mi.) | Historical Gas Stations |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: CAR X AUTO SERVICE
 Year: 2003
 Type: AUTOMOBILE REPAIR AND SERVICE

Name: NEAT MUFFLER & BRAKE INC
 Year: 2002
 Address: 11203 S HALSTED ST

Name: NEAT MUFFLER & BRAKE
 Year: 2003
 Address: 11203 S HALSTED ST

Name: CARX AUTO SERVCIE
 Year: 2011
 Address: 11203 S HALSTED ST

Name: CARX AUTO SERVICE
 Year: 2012
 Address: 11203 S HALSTED ST

MAP FINDINGS

| | | | |
|--|-----------------------|-------------------------|-------------------------|
| 11200 S HALSTED ST
11200 S HALSTED ST, CHICAGO, IL, 60628 | | | 1015161014 |
| ▼ F29 | NNE 1/10 - 1/3 | (1299 ft. / 0.246 mi.) | Historical Gas Stations |
| | 2 ft. Lower Elevation | 617 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: MORGAN PARK AUTO SERVICE
Year: 1999
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2000
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO SERVICE
Year: 2001
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO SERVICE
Year: 2002
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SRVC
Year: 2003
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2005
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2006
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2007
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2008
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO SERVICE INC
Year: 2009
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SVC
Year: 2010
Address: 11200 S HALSTED ST

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2011
Address: 11200 S HALSTED ST

MAP FINDINGS

11200 S HALSTED ST, 11200 S HALSTED ST, CHICAGO, IL 60628 (Continued)

Name: MORGAN PARK AUTO & TRUCK SERVICE
Year: 2012
Address: 11200 S HALSTED ST

MAP FINDINGS

| | | | |
|---|-----------------------|-------------------------|-------------------------|
| FRANK S AUTO REPAIR SHOP
1119 W 115TH ST CIR, CHICAGO, IL, | | | 1009072849 |
| ▼ 30 | WSW 1/10 - 1/3 | (1316 ft. / 0.249 mi.) | Historical Gas Stations |
| | 4 ft. Lower Elevation | 615 ft. Above Sea Level | |

Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: FRANK S AUTO REPAIR SHOP
Year: 2003
Type: AUTOMOBILE REPAIR AND SERVICE

Name: FRANKS AUTO REPAIR
Year: 1999
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR
Year: 2000
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2003
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2004
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2005
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2006
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2007
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2008
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2009
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2010
Address: 1119 W 115TH ST

Name: FRANKS AUTO REPAIR SHOP
Year: 2011
Address: 1119 W 115TH ST

MAP FINDINGS

FRANK S AUTO REPAIR SHOP, 1119 W 115TH ST CIR, CHICAGO, IL (Continued)

MAP FINDINGS

| | | |
|--|---|---|
| SHERWIN WILLIAMS PAINT COMPANY
549 115TH STREET, CHICAGO, IL, 60628 | | S109167302 |
| ▼ 31 | E 1/10 - 1/3 (1468 ft. / 0.278 mi.) | State and tribal leaking storage tank lists
Other Standard Environmental Records |
| | 4 ft. Lower Elevation 615 ft. Above Sea Level | |

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 20080830
 IL EPA Id: 0316495039
 Product: Fuel Oil
 IEMA Date: 06/11/2008
 Project Manager: Not Reported
 Project Manager Phone: Not Reported
 Email: Not Reported
 PRP Name: Not Reported
 PRP Contact: Not Reported
 PRP Address: Not Reported
 PRP City,St,Zip: Not Reported
 PRP Phone: Not Reported
 Site Classification: Not Reported
 Section 57.5(g) Letter: 734
 Date Section 57.5(g) Letter: 07/22/2008
 Non LUST Determination Letter: Not Reported
 20 Report Received: Not Reported
 45 Report Received: Not Reported
 NFA/NFR Letter: Not Reported
 NFR Date Recorded: Not Reported

SPILLS: Other Standard Environmental Records

Incident ID: 20080830
 Incident Date: Not Reported
 Date Received: 06/11/2008
 Facility Address: 549 115TH ST
 Facility City: CHICAGO
 PRP Name: SHERWIN WILLIAMS
 AC: Not Reported
 Source Table: dbo_OCIN_INCIDENTCUR

RECORD SOURCES AND CURRENCY

To maintain currency of the following databases, EDR contacts the appropriate agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013

Source: EPA

Number of Days to Update: 72

Telephone: 202-564-6023

Last EDR Contact :04/04/2014

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013

Source: Environmental Protection Agency

Number of Days to Update: 63

Telephone: 202-564-8600

Last EDR Contact :01/27/2014

AIRS: AIRS

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of air permits and emissions information.

Date of Government Version: 09/06/2013

Source: Illinois EPA

Number of Days to Update: 42

Telephone: 217-557-0314

Last EDR Contact :04/07/2014

BOL: Bureau of Land Inventory Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 03/04/2014

Source: Illinois Environmental Protection Agency

Number of Days to Update: 28

Telephone: 217-785-9407

Last EDR Contact :03/03/2014

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

Standard Environmental Record Source: State and tribal Brownfields sites

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 01/27/2014

Source: Illinois Environmental Protection Agency

Number of Days to Update: 37

Telephone: 217-785-3486

Last EDR Contact :01/27/2014

BROWNFIELDS: Redevelopment Assessment Database

Standard Environmental Record Source: State and tribal Brownfields sites

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 01/27/2014

Source: Illinois Environmental Protection Agency

Number of Days to Update: 37

Telephone: 217-524-1658

Last EDR Contact :01/28/2014

CCDD: Clean Construction or Demolition Debris

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

Date of Government Version: 01/27/2014

Source: Illinois EPA

Number of Days to Update: 13

Telephone: 217-524-3300

Last EDR Contact :01/28/2014

CDL: Meth Drug Lab Site Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine/meth drug lab locations.

Date of Government Version: 01/15/2014

Source: Department of Public Health

Number of Days to Update: 42

Telephone: 217-782-5750

Last EDR Contact :04/14/2014

COAL ASH: Coal Ash Site Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal ash site locations.

Date of Government Version: 10/01/2011

Source: Illinois EPA

Number of Days to Update: 32

Telephone: 217-782-1654

Last EDR Contact :03/07/2014

DRYCLEANERS: Illinois Licensed Drycleaners

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 02/24/2014

Source: Drycleaner Environmental Response Trust Fund of Illinois

Number of Days to Update: 12

Telephone: 800-765-4041

Last EDR Contact :02/26/2014

ENG CONTROLS: Sites with Engineering Controls

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 01/17/2014

Source: Illinois Environmental Protection Agency

Number of Days to Update: 30

Telephone: 217-782-6761

Last EDR Contact :04/28/2014

Financial Assurance: Financial Assurance Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/01/2013

Source: Illinois Environmental Protection Agency

Number of Days to Update: 49

Telephone: 217-782-9887

Last EDR Contact :03/12/2014

HWAR: Hazard Waste Annual Report

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2010

Source: Illinois EPA

Number of Days to Update: 22

Telephone: 217-524-3300

Last EDR Contact :04/10/2014

IL NIPC: Solid Waste Landfill Inventory

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988

Source: Northeastern Illinois Planning Commission

Number of Days to Update: 11

Telephone: 312-454-0400

Last EDR Contact :05/23/2006

IMPDMENT: Surface Impoundment Inventory

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980

Source: Illinois Waste Management & Research Center

Number of Days to Update: 87

Telephone: 217-333-8940

Last EDR Contact :02/20/2002

Inst Control: Institutional Controls

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 01/17/2014

Source: Illinois Environmental Protection Agency

Number of Days to Update: 30

Telephone: 217-782-6761

Last EDR Contact :04/28/2014

LF SPECIAL WASTE: Special Waste Site List

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990

Source: Illinois EPA

Number of Days to Update: 28

Telephone: 217-782-9288

Last EDR Contact :06/10/2009

LF WMRC: Waste Management & Research Center Landfill Database

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001

Source: Department of Natural Resources

Number of Days to Update: 31

Telephone: 217-333-8940

Last EDR Contact :09/18/2009

LUST: Leaking Underground Storage Tank Sites

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/04/2013

Source: Illinois Environmental Protection Agency

Number of Days to Update: 37

Telephone: 217-782-6762

Last EDR Contact :01/28/2014

LUST TRUST: Underground Storage Tank Fund Payment Priority List

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 01/27/2014
Number of Days to Update: 37
Last EDR Contact :01/28/2014

Source: Illinois EPA
Telephone: 217-782-6762

NPDES: A Listing of Active Permits

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 01/21/2014
Number of Days to Update: 43
Last EDR Contact :04/07/2014

Source: Illinois EPA
Telephone: 217-782-0610

PIMW: Potentially Infectious Medical Waste

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 03/12/2014
Number of Days to Update: 6
Last EDR Contact :03/24/2014

Source: Illinois EPA
Telephone: 217-524-3289

SPILLS: State spills

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 06/28/2013
Number of Days to Update: 57
Last EDR Contact :04/09/2014

Source: Illinois EPA
Telephone: 217-782-3637

SRP: Site Remediation Program Database

Standard Environmental Record Source: State and tribal voluntary cleanup sites
Search Distance: 0.333 Mile

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 01/17/2014
Number of Days to Update: 30
Last EDR Contact :04/28/2014

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407

SSU: State Sites Unit Listing

Standard Environmental Record Source: State and tribal - equivalent CERCLIS
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Date of Government Version: 02/03/2014

Source: Illinois Environmental Protection Agency

Number of Days to Update: 31

Telephone: 217-524-4826

Last EDR Contact :01/27/2014

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2012

Source: Illinois Environmental Protection Agency

Number of Days to Update: 36

Telephone: 217-785-8604

Last EDR Contact :01/27/2014

TIER 2: Tier 2 Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2013

Source: Illinois Emergency Management Agency

Number of Days to Update: 20

Telephone: 217-785-9860

Last EDR Contact :02/18/2014

UIC: Underground Injection Wells

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 02/25/2014

Source: Illinois EPA

Number of Days to Update: 36

Telephone: 217-782-9878

Last EDR Contact :02/24/2014

UST: Underground Storage Tank Facility List

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/27/2014

Source: Illinois State Fire Marshal

Number of Days to Update: 38

Telephone: 217-785-0969

Last EDR Contact :01/28/2014

NY MANIFEST: Facility and Manifest Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2013

Source: Department of Environmental Conservation

Number of Days to Update: 52

Telephone: 518-402-8651

Last EDR Contact :03/12/2014

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011

Source: Environmental Protection Agency

Number of Days to Update: 7

Telephone: 703-308-4044

Last EDR Contact :02/14/2014

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 94

Telephone: 703-412-9810

Last EDR Contact :02/28/2014

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 94

Telephone: 703-412-9810

Last EDR Contact :02/28/2014

COAL ASH DOE: Sleam-Electric Plan Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005

Source: Department of Energy

Number of Days to Update: 76

Telephone: 202-586-8719

Last EDR Contact :04/18/2014

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Source: Environmental Protection Agency
Number of Days to Update: 77 Telephone: Not Reported
Last EDR Contact :03/11/2014

CONSENT: Superfund (CERCLA) Consent Decrees

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013 Source: Department of Justice, Consent Decree Library
Number of Days to Update: 31 Telephone: Varies
Last EDR Contact :03/27/2014

CORRACTS: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list
Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014 Source: EPA
Number of Days to Update: 27 Telephone: 800-424-9346
Last EDR Contact :03/13/2014

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Source: EPA, Region 9
Number of Days to Update: 137 Telephone: 415-947-4219
Last EDR Contact :01/27/2014

DELISTED NPL: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013 Source: EPA
Number of Days to Update: 78 Telephone: Not Reported
Last EDR Contact :04/08/2014

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

RECORD SOURCES AND CURRENCY

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012

Source: Department of Transportation, Office of Pipeline Safety

Number of Days to Update: 42

Telephone: 202-366-4595

Last EDR Contact :02/06/2014

EPA WATCH LIST: EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013

Source: Environmental Protection Agency

Number of Days to Update: 31

Telephone: 617-520-3000

Last EDR Contact :02/10/2014

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013

Source: National Response Center, United States Coast Guard

Number of Days to Update: 66

Telephone: 202-267-2180

Last EDR Contact :04/04/2014

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010

Source: FEMA

Number of Days to Update: 55

Telephone: 202-646-5797

Last EDR Contact :04/15/2014

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013

Source: EPA

Number of Days to Update: 13

Telephone: Not Reported

Last EDR Contact :03/14/2014

RECORD SOURCES AND CURRENCY

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :02/24/2014

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009

Source: EPA

Number of Days to Update: 25

Telephone: 202-566-1667

Last EDR Contact :02/24/2014

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011

Source: U.S. Army Corps of Engineers

Number of Days to Update: 15

Telephone: 202-528-4285

Last EDR Contact :03/10/2014

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006

Source: Environmental Protection Agency

Number of Days to Update: 40

Telephone: 202-564-2501

Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013

Source: U.S. Department of Transportation

Number of Days to Update: 52

Telephone: 202-366-4555

Last EDR Contact :04/01/2014

RECORD SOURCES AND CURRENCY

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011

Source: Environmental Protection Agency

Number of Days to Update: 61

Telephone: 202-564-5088

Last EDR Contact :10/09/2014

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013

Source: EPA Region 1

Number of Days to Update: 184

Telephone: 617-918-1313

Last EDR Contact :01/30/2014

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013

Source: EPA Region 10

Number of Days to Update: 29

Telephone: 206-553-2857

Last EDR Contact :01/27/2014

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013

Source: EPA Region 4

Number of Days to Update: 90

Telephone: 404-562-8677

Last EDR Contact :01/27/2014

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014

Source: EPA, Region 5

Number of Days to Update: 10

Telephone: 312-886-7439

Last EDR Contact :01/27/2014

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011

Source: EPA Region 6

Number of Days to Update: 59

Telephone: 214-665-6597

Last EDR Contact :02/21/2014

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

RECORD SOURCES AND CURRENCY

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013

Source: EPA Region 7

Number of Days to Update: 66

Telephone: 913-551-7003

Last EDR Contact :01/27/2014

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012

Source: EPA Region 8

Number of Days to Update: 49

Telephone: 303-312-6271

Last EDR Contact :01/27/2014

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013

Source: Environmental Protection Agency

Number of Days to Update: 42

Telephone: 415-972-3372

Last EDR Contact :01/27/2014

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Source: Environmental Protection Agency

Number of Days to Update: 52

Telephone: 703-308-8245

Last EDR Contact :11/04/2013

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013

Source: EPA, Region 1

Number of Days to Update: 271

Telephone: 617-918-1313

Last EDR Contact :01/30/2014

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013

Source: EPA Region 10

Number of Days to Update: 65

Telephone: 206-553-2857

Last EDR Contact :01/27/2014

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013

Source: EPA Region 4

Number of Days to Update: 90

Telephone: 404-562-9424

Last EDR Contact :01/27/2014

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014

Source: EPA Region 5

Number of Days to Update: 10

Telephone: 312-886-6136

Last EDR Contact :01/27/2014

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014

Source: EPA Region 6

Number of Days to Update: 42

Telephone: 214-665-7591

Last EDR Contact :01/27/2014

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012

Source: EPA Region 7

Number of Days to Update: 43

Telephone: 913-551-7003

Last EDR Contact :01/27/2014

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013

Source: EPA Region 8

Number of Days to Update: 92

Telephone: 303-312-6137

Last EDR Contact :01/27/2014

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013

Source: EPA Region 9

Number of Days to Update: 129

Telephone: 415-972-3368

Last EDR Contact :01/27/2014

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

RECORD SOURCES AND CURRENCY

Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013

Source: EPA, Region 1

Number of Days to Update: 66

Telephone: 617-918-1102

Last EDR Contact :04/01/2014

INDIAN VCP R7: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Number of Days to Update: 27

Telephone: 913-551-7365

Last EDR Contact :04/20/2009

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013

Source: Environmental Protection Agency

Number of Days to Update: 13

Telephone: 703-603-8787

Last EDR Contact :04/04/2014

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001

Source: American Journal of Public Health

Number of Days to Update: 36

Telephone: 703-305-6451

Last EDR Contact :12/02/2009

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013

Source: Environmental Protection Agency

Number of Days to Update: 15

Telephone: 202-564-6023

Last EDR Contact :01/27/2014

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/20/2013

Source: Department of the Navy

Number of Days to Update: 95

Telephone: 843-820-7326

RECORD SOURCES AND CURRENCY

Last EDR Contact :02/14/2014

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013

Source: Nuclear Regulatory Commission

Number of Days to Update: 91

Telephone: 301-415-7169

Last EDR Contact :03/10/2014

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013

Source: EPA

Number of Days to Update: 78

Telephone: Not Reported

Last EDR Contact :04/08/2014

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

RECORD SOURCES AND CURRENCY

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Source: EPA
Number of Days to Update: 56 Telephone: 202-564-4267
Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Source: Environmental Protection Agency
Number of Days to Update: 39 Telephone: 800-424-9346
Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013 Source: EPA
Number of Days to Update: 107 Telephone: 202-566-0500
Last EDR Contact :04/18/2014

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Source: Environmental Protection Agency
Number of Days to Update: 83 Telephone: 202-566-0517
Last EDR Contact :01/30/2014

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013 Source: EPA
Number of Days to Update: 78 Telephone: Not Reported
Last EDR Contact :04/08/2014

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

RECORD SOURCES AND CURRENCY

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995

Source: EPA

Number of Days to Update: 35

Telephone: 202-564-4104

Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014

Source: Environmental Protection Agency

Number of Days to Update: 61

Telephone: 202-343-9775

Last EDR Contact :04/09/2014

RCRA NonGen / NLR: RCRA - Non Generators

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014

Source: Environmental Protection Agency

Number of Days to Update: 27

Telephone: 703-308-8895

Last EDR Contact :03/13/2014

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014

Source: Environmental Protection Agency

Number of Days to Update: 27

Telephone: 703-308-8895

Last EDR Contact :03/13/2014

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014

Source: Environmental Protection Agency

Number of Days to Update: 27

Telephone: 703-308-8895

RECORD SOURCES AND CURRENCY

Last EDR Contact :03/13/2014

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014

Source: Environmental Protection Agency

Number of Days to Update: 27

Telephone: 703-308-8895

Last EDR Contact :03/13/2014

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014

Source: Environmental Protection Agency

Number of Days to Update: 27

Telephone: 703-308-8895

Last EDR Contact :03/13/2014

ROD: Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013

Source: EPA

Number of Days to Update: 74

Telephone: 703-416-0223

Last EDR Contact :03/11/2014

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011

Source: Environmental Protection Agency

Number of Days to Update: 54

Telephone: 615-532-8599

Last EDR Contact :04/21/2014

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RECORD SOURCES AND CURRENCY

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009

Source: EPA

Number of Days to Update: 77

Telephone: 202-564-4203

Last EDR Contact :01/28/2014

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011

Source: EPA

Number of Days to Update: 44

Telephone: 202-566-0250

Last EDR Contact :02/26/2014

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006

Source: EPA

Number of Days to Update: 64

Telephone: 202-260-5521

Last EDR Contact :03/28/2014

UMTRA: Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010

Source: Department of Energy

Number of Days to Update: 146

Telephone: 505-845-0011

Last EDR Contact :02/25/2014

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013

Source: EPA

Number of Days to Update: 30

Telephone: 202-564-5962

Last EDR Contact :03/31/2014

US AIRS MINOR: Air Facility System Data

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Other Standard Environmental Records
A listing of minor source facilities.

Date of Government Version: 10/23/2013

Source: EPA

Number of Days to Update: 30

Telephone: 202-564-5962

Last EDR Contact :03/31/2014

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014

Source: Environmental Protection Agency

Number of Days to Update: 20

Telephone: 202-566-2777

Last EDR Contact :03/20/2014

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013

Source: Drug Enforcement Administration

Number of Days to Update: 65

Telephone: 202-307-1000

Last EDR Contact :03/04/2014

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013

Source: Environmental Protection Agency

Number of Days to Update: 14

Telephone: 703-603-0695

Last EDR Contact :03/10/2014

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014

Source: Environmental Protection Agency

Number of Days to Update: 41

Telephone: 202-566-1917

RECORD SOURCES AND CURRENCY

Last EDR Contact :02/14/2014

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007

Source: Drug Enforcement Administration

Number of Days to Update: 131

Telephone: 202-307-1000

Last EDR Contact :03/04/2014

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013

Source: Environmental Protection Agency

Number of Days to Update: 14

Telephone: 703-603-0695

Last EDR Contact :03/10/2014

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013

Source: Department of Labor, Mine Safety and Health Administration

Number of Days to Update: 28

Telephone: 303-231-5959

Last EDR Contact :03/05/2014

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 62

Telephone: 888-275-8747

Last EDR Contact :04/18/2014

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005

Source: USGS

Number of Days to Update: 34

Telephone: 202-208-3710

RECORD SOURCES AND CURRENCY

Last EDR Contact :04/18/2014

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 04/12/2007

Source: EPA

Number of Days to Update: N/A

Telephone: Not Reported

Last EDR Contact :03/10/2014

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

Date of Government Version: Not Reported

Source: Department of Natural Resources

Number of Days to Update: 182

Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: Not Reported

Source: Illinois Environmental Protection Agency

Number of Days to Update: 193

Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: Not Reported

Source: Illinois Environmental Protection Agency

Number of Days to Update: 182

Telephone: Not Reported

Last EDR Contact :06/01/2012

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: 08/28/2009

Source: EDR, Inc.

Number of Days to Update: 55

Telephone: Not Reported

Last EDR Contact :11/30/2012

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007

Source: EDR, Inc.

Number of Days to Update: 42

Telephone: Not Reported

Last EDR Contact :02/21/2007

RECORD SOURCES AND CURRENCY

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5' minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW® Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW® Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services. The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

STREET AND ADDRESS INFORMATION

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APPENDIX G
FOIA REQUESTS/RESPONSES



Verification of FOIA Submittal

FOIA Request submitted by: Mr. Lance Summers
Automated reply sent to: lance.summers@tetrattech.com

Subject: FOIA Request - Lance Summers 4/22/2014 8:34:49 AM -

If you provided a valid return email address, the summary of your request will be sent. For additional questions, please feel free to use the contact information below:

Illinois EPA, Division of Records Mgmt/FOIA - epa.foia@illinois.gov - 217/782-9290
(FAX)

Thank you.

To submit another FOIA request, click the "New Request" button below.

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[FOIA Survey](#)



April 22, 2014

Public Health FOIA Officer
333 S. State Street Rm. 200
Chicago, IL 60604

**RE: Freedom of Information Act Request
115th and Halsted St
Chicago, IL 60643**

FOIA Officer:

Tetra Tech EM Inc. (Tetra Tech) is conducting a Phase I Environmental Site Assessment (ESA) at the following addresses and associated Parcel Index Numbers.

- 11414 S. Halsted St. 25-20-226-017-0000
- 11420 S. Halsted St. 25-20-226-018-0000
- 11442 S. Halsted St. 25-20-226-019-0000
- 830 W. 115th St. 25-20-226-020-0000

This investigation is being conducted in order to identify evidence of any recognized environmental conditions (REC) that may have an adverse environmental impact upon the subject property. Tetra Tech's client is requesting a due diligence investigation. According to ASTM Standards E 1527-05, property record reviews are required prior to completing this investigation. Tetra Tech is requesting any records you may have concerning the property of interest. Records may include, but are not limited to:

- Records indicating former operations/owners
- Contamination issues in soil or groundwater
- Leaks or spills of hazardous materials
- Storage or use of hazardous materials
- Monitoring well installations and/or sampling results
- Underground or aboveground storage tanks (tank abandonment, removals and closures)
- Building Code Violations; issued permits
- Site remediation/investigation activities
- Environmental violations
- Sewer or septic issues; issued permits
- No further action letters
- Consultations with the U.S. Environmental Protection Agency (USEPA)
- Sites that may be classified as State Hazardous Waste sites
- Fire Code Violations

Any assistance from your office would be greatly appreciated. If you have any questions or concerns regarding this request or if you need additional information to assist with your record search, please feel free to contact me via phone at (312) 201-7767 or email at lance.summers@tetrattech.com. Thank you in advance for spending time on this matter.

Sincerely,

Lance Summers

| | |
|--|---------------|
| After a diligent search, no records could be located regarding the Subject Property.
(check box if applicable) | |
| <input checked="" type="checkbox"/> | |
| _____
Signature | |
| _____
Printed Name | |
| _____
Title/Department | _____
Date |



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

PAT QUINN, GOVERNOR

LISA BONNETT, DIRECTOR

May 7, 2014

Tetra Tech Inc
Attn: Mr. Lance Summers
1 South Wacker Dr
Chicago, IL 60606

Re: Freedom of Information Act Request - 83260

Dear Mr. Summers:

This letter is in response to your Freedom of Information Act (FOIA) (5 ILCS 140/1 et seq.) request dated April 22, 2014 and received by the Illinois Environmental Protection Agency (Illinois EPA) on April 22, 2014.

The information responsive to your request is attached.

| Requested Information |
|------------------------------|
|------------------------------|

| |
|--------------------------|
| 11414 S Halsted, Chicago |
|--------------------------|

Following a search, the Illinois EPA has determined there to be no information responsive to your request.

| Requested Information |
|------------------------------|
|------------------------------|

| |
|--|
| 11420 Halstead St, Chicago
11442 Halstead St, Chicago
830W 115 th St, Chicago |
|--|

Thank you for your patience in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Thomas J. Reuter". The signature is written in black ink and is positioned above the typed name.

Thomas J. Reuter
FOIA Officer (Acting)
Illinois EPA
217.558.5101
www.epa.state.il.us/foia

Media Code: **ASBESTOS-MESHAP** Interest ID: **1700-0202-3307** Interest Name: **11414 S Halsted - demo** Start Date: **02-25-2014** End Date:

EPA ID: **1700-0202-3307** Site Name: **11414 S Halsted** Site Address: **11414 S Halsted, Chicago, IL, 60631, U**

Asbestos Notifications

Notification ID: **126176** Notification Type: Revised: **03-04-2014** Received Date: **02-04-2014**

Postmark Date: **01-25-2014** Project Start Date: **03-04-2014** Project End Date: **05-30-2014**

Resubmit Date: **03-28-2014** Removal Start Date: Removal End Date:

Approximate Amount of Asbestos Removed: **CALL** Nonfriable Asbestos Not to be Removed: **CALL** Nonfriable Asbestos Removed: **CALL**

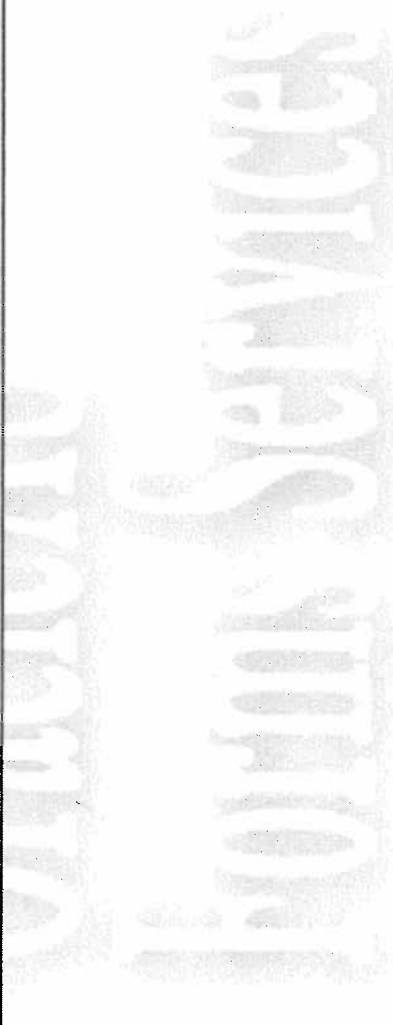
Asbestos Pipes: **CALL** Asbestos Surface Area: **CALL** Asbestos Vol. Off Fac. Comp.: **CALL**

Types of Operations: Renovation Demolition Annual Ordered Demolition Emergency Renovation Courtesy Notice

Check No.: **112542**
Credit Receipt No.:
e-Filed Notice No.:

Asbestos Affiliations


| Affiliation Type | Start Date | First Name | Last Name | Organization Name |
|------------------|------------|------------|------------|----------------------|
| ASB DEMO CONTR | 02-25-2014 | Allan | Formeister | National Wrecking |
| ASB OWNER | 02-25-2014 | Roy | Moncada | South CRE Series One |




**APPENDIX H
PHOTOGRAPHS**



Photographic Documentation
City of Chicago
115th & Halsted Streets
11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St
Chicago, Illinois
PINs: 25-20-226-017, 25-20-226-018,
25-20-226-019 & 25-20-226-020
Tetra Tech, Inc. Project: 103S328401.001

| | |
|---|---|
| <p>Photo: 1</p> <p>Description:</p> <p>View of the vacant building on the subject property.</p> <p>Orientation:</p> <p>North</p> |  |
|---|---|

| | |
|---|--|
| <p>Photo: 2</p> <p>Description:</p> <p>View of the vacant building on the subject property.</p> <p>Orientation:</p> <p>North</p> |  |
|---|--|

Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 3

Description:

View of the north side of the vacant building on the subject property.

Orientation:

West



Photo: 4

Description:

View of the east side of the vacant building on the subject property.

Orientation:

North



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 5

Description:

View of the southern boundary of the subject property with a potential boring in the foreground.

Orientation:

East

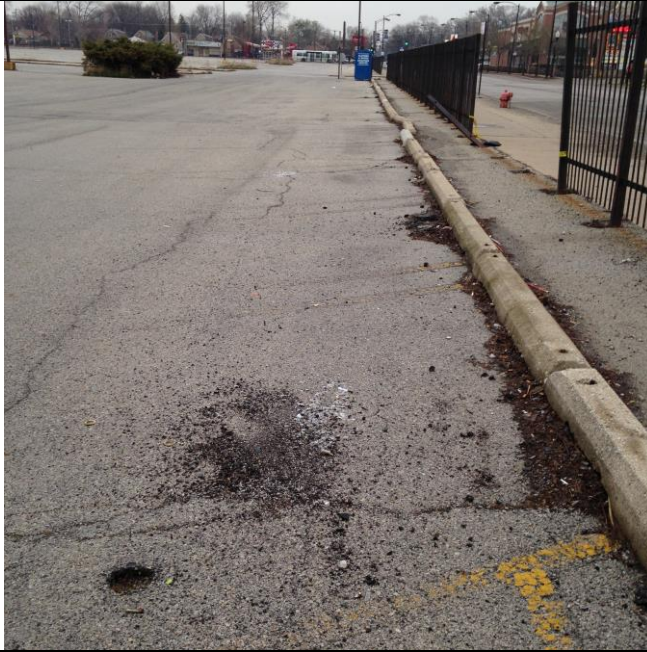


Photo: 6

Description:

View of the vacant building on the subject property with a storm drain in the foreground.

Orientation:

Northwest



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 7

Description:

View of the west side of the vacant building on the subject property. Demolishing activities are pictured.

Orientation:

East



Photo: 8

Description:

View of the Popeye's Restaurant located north of the subject property.

Orientation:

North



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 9

Description:

View of the vacant office building located northeast of the subject property.

Orientation:

East



Photo: 10

Description:

View of the McDonald's Restaurant located east of the subject property.

Orientation:

East



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 11

Description:

View of the State Farm Insurance Office located east of the subject property.

Orientation:

East



Photo: 12

Description:

View of the Children's Academy located east of the subject property.

Orientation:

East



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 13

Description:

View of the Checkers Restaurant located east of the subject property.

Orientation:

East



Photo: 14

Description:

View of the Mobil Gas Station located in photo background south east of the subject property.

Orientation:

Southeast



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 15

Description:

View of the Citgo Gas Station located south of the subject property.

Orientation:

South



Photo: 16

Description:

View of the Walgreen's Pharmacy located south of the subject property.

Orientation:

South



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 17

Description:

View of the vacant lot located south of the subject property.

Orientation:

South



Photo: 18

Description:

View of the vegetated vacant lot located north of the subject property.

Orientation:

North



Photographic Documentation

City of Chicago

115th & Halsted Streets

11414 Halsted St, 11420 Halsted St, 11442 Halsted St, & 830 W. 115th St

Chicago, Illinois

PINs: 25-20-226-017, 25-20-226-018,

25-20-226-019 & 25-20-226-020

Tetra Tech, Inc. Project: 103S328401.001



Photo: 19

Description:

View of the south side of the vacant building on the subject property.

Orientation:

Northwest



Photo: 20

Description:

View of the demolition activities of the western side of the vacant building on the subject property.

Orientation:

East



APPENDIX I
CONSULTANT QUALIFICATIONS

EXPERIENCE SUMMARY

Ms. Nissen works in the Tetra Tech Chicago office, and has over 29 years of experience conducting Phase I environmental assessment, underground storage tank (UST) removals, Phase II environmental assessment, and remediation activities. Her areas of expertise include environmental engineering, geology, hydrogeology and Brownfield's redevelopment. She has served as project manager and engineer or geologist for remedial actions, site investigations, and compliance monitoring for government projects, private industry, and municipal stakeholders. She also has served as resident engineer for asbestos abatement, demolition, cap installation and sediment and soil remediation projects.

RELEVANT EXPERIENCE

Brownfield's Redevelopment

Brownfield's Redevelopment of the Former AmForge and Gano Park sites, Chicago, Illinois, City of Chicago, 1998 to 2011. Ms. Nissen was the Project Manager for the Brownfield's Redevelopment of the AmForge and Gano Park sites. The project involved remediation of a former heavy manufacturing facility for redevelopment as a community center and recreational fields. The remediation included removal of USTs, piping, and soil containing PCBs exceeding Toxic Substance Control Act (TSCA) regulations. In addition, soil contains concentrations of polynuclear aromatic hydrocarbons and lead exceeding Illinois Administrative Code Part 742, Tiered Approach to Corrective Action Objectives (TACO) regulations. Demolition of former building concrete structures was performed to provide redevelopment construction backfill. The site was redeveloped and incorporated a soil management zone to reduce the need for soil export. On site clay was used to construct the soil engineered barrier, reducing the need for imported soil. The Gano Park portion of the project was redeveloped as recreational fields, based on a risk assessment and hot spot removal. Ms. Nissen obtained environmental remediation wastewater special discharge authorization from the Metropolitan Water Reclamation District of Greater Chicago to allow discharge of pre-treated water at the site. Obtained construction permit from the IEPA Division of Water Pollution Control to allow pretreatment equipment to be constructed at the site. Prepared Notice of Intent for the Illinois General NPDES permit and a Storm Water Pollution Prevention Plan for IEPA approval. Soil remediation is complete, USTs removed and engineered barriers installed. PCB removal reports were submitted to IEPA and USEPA, and approvals were obtained. Site closure was obtained from IEPA using engineered barriers and institutional controls. **This project was awarded the Phoenix Award for Brownfields Revitalization for 2011 for all three categories: People's Choice, Region 5 Award, and the National Award.**

EDUCATION

M.S., Environmental Engineering, Illinois Institute of Technology, Chicago, IL, 1992
 B.S., Geology, University of Illinois, Urbana-Champaign, IL, 1985

AREA OF EXPERTISE

Project management
 Brownfield's Redevelopment Projects
 Soil and Groundwater Assessment
 Technical reporting/review
 Resident Engineer

REGISTRATIONS/ AFFILIATIONS

Professional Engineer, IL No. 062-052115 , IN No. 10707893, NE No. E-9469
 Professional Geologist, IL, No. 196.000346, WI No. 530-13

TRAINING/ CERTIFICATIONS

40-hour OSHA HAZWOPER with 8-hour Refreshers
 30-hour OSHA Construction Training
 CPR and Standard First Aid
 Illinois-Certified Class K Wastewater Treatment Operator
 Lake County Illinois Designated Erosion Control Inspector

OFFICE

Chicago, IL

YEARS OF EXPERIENCE

29

CONTACT

312-201-7411
carol.nissen@tetrattech.com

Brownfield's Redevelopment of the West Pullman Industrial Redevelopment Area (WIRA), Chicago, Illinois, City of Chicago, 1998 to 2011. Ms. Nissen is the Project Manager for the Brownfield's Redevelopment of the WIRA. Ms. Nissen conducts site investigations and prepares work plans, site investigation reports, remediation objectives reports, remedial action plans, and remedial action completion reports. In addition, develops appropriate remedial strategies for each site, directs remedial activities, conducts remediation oversight, and confirmation sampling. Site closure is being sought from the IEPA Site Remediation Program by use of no engineered barriers and limited remediation. Directs preparation of risk assessments for the sites based on end user exposure scenarios

Brownfield's Redevelopment, Dutch Boy/National Lead site, Chicago, Illinois, City of Chicago. 1998 to 2011. Ms. Nissen was the project manager for the project which is enrolled in the IEPA SRP. Ms. Nissen performed soil sampling to evaluate the current conditions at the site. The project included removal of lead-contaminated soil and debris that exceeds the toxicity criterion for hazardous waste. A RCRA Remedial Action Plan Permit (RAPP) application was prepared and submitted for IEPA review to obtain a permit to treat the hazardous waste debris to render it non hazardous prior to off-site transportation and disposal. The RCRA RAPP was approved and remedial actions were completed. Closure of the Corrective Action Management Unit (CAMU) was obtained from IEPA. Ms. Nissen also performed oversight of site investigations conducted by previous site operators.

Brownfield's Redevelopment, Various Sites, Illinois. 1998 to Present. Environmental engineer for various Brownfield's redevelopment projects in Chicago and neighboring municipalities. Develop proposals, cost estimates, work plans, and SRP reports for projects involving former light manufacturing or retail petroleum facilities to be redeveloped into residential units or industrial-commercial properties. Performs field investigations and conducts oversight during remediation or engineered barrier installations. Develops remedial action plans and determines potential extent of contamination migration in order to obtain no further remediation status for the site. Provides remedial strategies that complement redevelopment design.

Brownfield's Redevelopment, Ohio Site, U.S. EPA. Project manager for review of design documents to redevelop a landfill in Ohio into a parking lot for an automobile manufacturing company. Attends planning and status meetings, reviews design documents, and performs oversight of site activities to ensure compliance with design plan.

Review and Evaluation Licensed Professional Engineer (RELPE)

RELPE, Various Sites, Illinois, Municipal Clients, Private Clients, and IEPA as Client. 2000 to Present. Professional Engineer for review and evaluation licensed professional engineer (RELPE) projects, providing technical review of reports submitted to the IEPA SRP. Prepares technical review comments of the SRP reports for use by the IEPA project managers. The review comments are used by the IEPA project manager to approve or reject a report and to grant a remedial applicant no further remediation status. In addition, Ms. Nissen reviews Tier 3 Evaluations to include alternative engineered barriers and potential impacts to surface water. Ms. Nissen has provided RELPE services on more than 15 sites in the Chicago Area.

Expert Witness Testimony

Dutch Boy, Chicago, Illinois, City of Chicago. 2007 – 2009. Provided Expert Witness Testimony as an Affidavit for a lead-contaminated property. The property was formerly used for lead-oxide manufacture. Ms. Nissen provided technical review of data collected at the property by previous site operators, regulatory agencies, and Tetra Tech. In addition, Ms. Nissen was project manager for soil sampling investigations performed at the site. The Affidavit was prepared to summarize the existing conditions at the site which included lead-contaminated soil and materials exceeding the toxicity criterion for hazardous waste.

Resident Engineer

Outboard Marine Company (OMC) Demolition and Soil Remediation, Waukegan, Illinois. U.S. EPA. 2009 – Present. Provides resident engineer oversight for the OMC Plant 2 remediation project. The project involves ACM abatement, demolition, sediment and soil remediation, and sediment and soil cap installation. Building materials, sediment and soil are PCB contaminated. Estimates and confirms ACM quantities. Prepared specifications and bidding documents for the project. Ensures adherence to project specifications. Project includes protection of endangered species. Confirms and documents change order items. Collects confirmation sediment and soil samples from excavations. Prepared final report for the remedial action.

OMC Containment Cell and Utility Corridor Cap Remedial Action, Waukegan, Illinois. U.S. EPA. 2012 – Present. Ms. Nissen is project manager for the design and construction of a containment cell and utility corridor caps. The containment cell includes a vertical barrier wall, a cap, dewatering system, and conveyance piping to an on-site wastewater treatment plant. Ms. Nissen prepared design plans, site-specific plans, and specifications for the remedial construction. In addition, Ms. Nissen provides resident engineer oversight for the remediation construction project.

Spill Prevention Control and Countermeasures Plan

Various Industrial and Fueling Stations, Illinois, Private and Municipal Clients. 2007 – Present. Prepares Spill Prevention Control and Countermeasures (SPCC) plans for industrial and fleet fueling stations. Performs inspections and provides recommendations to maintain compliance and updates plans to comply with changes in regulations.

Leaking Underground Storage Tank (LUST) Projects

LUST Pilot Program, Illinois, IEPA. 1998 – 2002. Project Manager for a former retail petroleum site owned by the City of Chicago, was planned for redevelopment as a residential property. The project was one of three sites funded by a federal grant and was the only one completed. The project was presented by IEPA at the Brownfield's 2000 conference held in Chicago, Illinois. Prepared work plans, developed the remedial action plan, performed oversight of soil excavation and sampling, and prepared the corrective action closure report. The site achieved compliance with TACO guidance and was assigned no further remediation status within budget and within the established short turn around deadline.

UST Removal and Remediation, Fort Sheridan, Illinois. U.S. EPA. 2002 – 2004. Environmental engineer for a UST removal at a building being redeveloped for residential use a Guaranteed Fixed Price Remediation (GFPR) project. Performed oversight of removal of a heating oil UST and collected confirmation soil samples from the walls and base of the excavation. Arranged for landfill disposal of the soil and prepared 20- and 45-day reports and the final corrective actions completion report for UST closure. Served as environmental engineer for a soil remediation project at the former motor pool of the Fort Sheridan GFPR site. Prepared the work plan for the remediation of soil contaminated with petroleum hydrocarbons from gasoline, diesel, fuel oil, and kerosene USTs, for U.S. EPA approval. Performed oversight of soil remediation activities and collected confirmation soil samples from the excavation. Prepared the Corrective Action Completion Report for the site. Site Closure is obtained.

Multifacility Project, Chicago, Illinois. City of Chicago. 1998 to 2002. Project manager for a multifacility project, removing 17 USTs from 10 city of Chicago-owned facilities. Prepared the competitive proposal, obtained permits, performed oversight of the UST removals and sampling, and prepared the associated LUST reports.

Private Retail Petroleum Corporations. Illinois. 1998 – 2001. Project manager for two private retail petroleum corporations, providing site investigation and remediation activities at about 20 separate retail petroleum facilities. Prepared proposals, cost estimates, reports in accordance with the IEPA LUST guidance. Performed soil and groundwater sampling, report preparation, pilot-scale testing, remedial system design, oversight of soil remediation, oversight of groundwater remediation system installation, and operations and maintenance of soil and groundwater remediation systems, such as soil venting, high-vacuum extraction, and groundwater pump and treat.

5-Year Review of Corrective Measures

Former Manufacturing Facility, Houston, Texas, U.S. EPA. Engineer for completion of a five-year review of the corrective measures implementation at a former manufacturing facility. The five-year review was conducted to meet the statutory mandate under CERCLA 121c. Performed a site inspection, review of relevant and applicable regulations, and a review of relevant documents to determine if site is in compliance with the Record of Decision and current regulations. Completed the five-year review report for the facility.

Long-Term Remedial Action Project

Peerless Plating Facility, Muskegan, Michigan. U.S. EPA. Project Manager and Engineer for a long-term remedial action project for the Peerless Plating facility which is being conducted under Superfund for U.S. EPA. The site contained a groundwater pump and treat system consisting of six extraction wells, air stripping, metals co-precipitation, and sludge dewatering. The project includes groundwater sampling and collection of groundwater elevation data. Ms. Nissen evaluated the groundwater quality and hydraulic data and evaluated the system's performance. The project included design and installation of a sewer discharge line to reroute the treated system discharge from the adjacent creek to the publicly-owned treatment works. Design documents, bidding specifications, and discharge permit applications were prepared under her direction. The sewer discharge line was installed and operational on schedule and on budget.

Phase I Environmental Site Assessments (ESA)

Various Phase I ESAs, Illinois, Indiana, Michigan, Wisconsin. 1987 – Present. Project Manager and Engineer for Phase I Environmental Site Assessments (ESA) of industrial, commercial, or residential properties to identify environmental issues associated with the property. Performs the site inspection, conducts historical document and environmental database reviews, and prepares the Phase I ESA reports. Phase I ESAs are performed for property transfer and identify potential ACM, possible presence of underground storage tanks, site historical operations, vapor intrusion conditions, and environmental conditions of the property.

Phase II Environmental Site Assessments (ESA)

Various Phase II ESAs, Illinois, Indiana, Michigan, Wisconsin. 1987 – Present. Project Manager and Engineer for Phase II ESAs of industrial, commercial, or residential properties to evaluate soil and groundwater conditions. Designs the investigative scope of work, performs the soil and groundwater sampling, evaluates the data, and prepares the Phase II ESA reports. Phase II ESAs are performed for properties undergoing transfer, or in anticipation of site excavation or development.

RI/FS Compliance Monitoring

Unregulated Disposal Site, Claypool, Indiana, U.S. EPA. Project manager for compliance monitoring of the landfill, groundwater containment system, and wetland mitigation area construction for an unregulated disposal site in Claypool, Indiana. Provided technical review of PRP reports and specifications, and oversight of landfill and wetland mitigation area construction, and groundwater and soil sampling. The project involved grading, multilayer cap construction, installation of a slurry wall, steel-pile trenching, and a groundwater extraction and treatment system. Performed technical review of the potentially-responsible party (PRP) submittals, and provided technical review comments. Assisted the EPA project manager at site meetings and inspections of the landfill.

Manufacturing Facility, Chicago, Illinois. U.S. EPA. Project manager for remedial investigation (RI) report review for a former manufacturing facility in Chicago, Illinois. Performed a TACO Tier 1 assessment of RI data collected at the facility. Project involved a Phase II RI and a risk assessment.

Drum Disposal Site, Franklin, Wisconsin. U.S. EPA. 1987 – 1989. Project manager for remedial investigation/feasibility study (RI/FS) compliance monitoring of a drum disposal site in Franklin, Wisconsin, under CERCLA guidelines. Project involved a risk assessment, technical review of RI/FS work plans, compliance monitoring of RI field activities, and co-location sample collection. Conducted compliance monitoring of RI field activities including a geophysical survey, soil boring sample collection, and groundwater monitoring well installation. Monitoring was performed to assure compliance with RI/FS work plans.

Landfill in Dunn, Wisconsin. U.S. EPA. 1987 – 1989. Project manager for remedial investigation/feasibility study (RI/FS) oversight of a landfill in Dunn, Wisconsin. Project involved compliance monitoring of RI field activities and participation in community public relations meetings. Conducted compliance monitoring of a geophysical survey and landfill cover survey to assure compliance with the RI/FS work plan.

RFI/CMS Compliance Monitoring

Solvent Distribution Facility, South Bend, Indiana, U.S. EPA. 1987 – 1989. Project provided technical review of RFI report, CMS work plan, and oversight of corrective measures implementation. The project involved soil, groundwater, and municipal well contamination due to past facility operations.

Plating Company, Freeport, Illinois, U.S. EPA. 1987 – 1989. Project manager provided technical review of RCRA Facility Investigation (RFI) and Corrective Measure Study (CMS) work plans. Conducted compliance monitoring/drilling oversight of RFI field activities to assure compliance with the RFI/CMS work plan and RCRA regulations.

Various Facilities, Illinois and Indiana, U.S. EPA. 1987 – 1989. Project geologist performing RCRA Facility Assessments (RFA) of various facilities in Indiana and Illinois for the U.S. EPA. Collected soil, groundwater, surface water, and sludge samples for chemical analysis to determine if hazardous waste releases have occurred. Reviewed technical documents and records. Prepared RFA sampling and data evaluation reports. Provided sample packaging and forwarded to contract laboratory program laboratories according to U.S. EPA chain-of-custody procedures.

Manufacturing Facility, North Vernon, Indiana, U.S. EPA. 1987 – 1989. Project geologist directing installation of groundwater monitoring wells for a RFA of a manufacturing facility's settling ponds. Installed wells according to RCRA and IDEM regulations. Described physical properties of soil borings to determine nature of subsurface materials. Collected soil boring and groundwater samples for chemical analysis to determine if hazardous waste releases occurred.

Landfill and Manufacturing Facilities, Defiance and Salem, Ohio, U.S. EPA. 1987 – 1989. Project geologist conducting technical review and gathering on-site documentation and geological information to assess the placement of monitoring wells near Solid Waste Management Units (SWMU) and determine compliance with RCRA regulations. Conducted groundwater sampling and analysis monitoring in compliance with RCRA requirements for a county landfill in Defiance, Ohio and an industrial manufacturer in Salem, Ohio.

Potentially Responsible Party (PRP) Search

PRP Search, Highland, Michigan, U.S. EPA, 1987 – 1988. Project manager performing PRP search for the U.S. EPA involving the review of local, state, federal, and site records, a title search of the property, a financial status assessment of the PRP, and interviews with individuals who had knowledge of the facility operation, for a metal fabricating company in Highland, Michigan. Also prepared final report.

Water Distribution Plant Operator

Northwest Suburban Minicipal Joint Action Water Agency (NSMJAWA) system, Chicago, Illinois. 1985 – 1987. Metro operator for the 100 million gallon per day main water pumping station of the NSMJAWA system

which provides Lake Michigan water to seven suburban communities of Chicago. Monitored and maintained high quality water supply, measured water flows to subscriber communities, determined proper fees, and developed operations and maintenance manuals for the plant.

ADDITIONAL EXPERIENCE

MS Excel, MS Word, MS Outlook

EMPLOYMENT HISTORY

- 1997 – Present Environmental Engineer, Tetra Tech, Inc., Chicago, IL
- 1990 - 1997 Engineering Manager/Senior Environmental Engineer, ERD Environmental, Inc., Bensenville, IL
- 1989 - 1990 Project Manager/Hydrogeologist, Chem-Bio Corporation, Naperville, IL
- 1987 - 1989 Geologist, Metcalf & Eddy, Inc., Arlington Heights, IL
- 1985 - 1987 Metro Operator, Metcalf & Eddy Services, Inc., Chicago, IL

EXPERIENCE SUMMARY

Mr. Summers has over two years of experience in the environmental field providing related services to both public and private sectors. His experience includes GIS mapping field/office applications, database management, waterway permitting, wetland delineations, National Environmental Policy Act (NEPA) documentation, and soil and groundwater sampling. His work in environmental remediation has focused on Phase II subsurface investigations, underground storage tank sites, petroleum and chlorinated solvent contaminated sites, site assessments, remediation, and data interpretation.

RELEVANT EXPERIENCE

ArcelorMittal, Impingement and Entrainment Study, Indiana.

Mr. Summers provides support for sampling plan implementation. Sampling and analysis activities included fish and shellfish impinged on plant intake screens, entrained downstream of intake screens, and captured by gillnet at intakes with no screens.

Jones Lang LaSalle, Various Locations

Mr. Summers completed several Phase I ESAs for various properties owned by Jones Lang LaSalle. Activities included: site investigations, additional regulatory file review, GIS mapping, technical report writing, and technical reviewing of reports.

BP, Wastewater Treatment Mercury Removal Efficiency, Indiana.

Mr. Summers provides support for sampling plan to satisfy requirements set forth in an NPDES Streamlined Mercury Variance to analyze the mercury removal efficiency of one unit in the wastewater treatment process.

East Branch Grand Calumet River Remedial Design, USEPA Region V, East Chicago, IN.

Mr. Summers provides support for the \$80 Mil remedial design of sediment contamination within Reaches 4A and 4B of the East Branch of the Grand Calumet River. The remedial design removes approximately 360,000 yards of contaminated sediment: 160,000 yards from the river and 200,000 yards from adjacent wetlands. After dredging, remaining river sediment will be treated in situ with a multi-layer reactive cap. Over sixty acres of habitat in the wetland areas will be restored.

Environmental Investigations under EPA Regions 5 Remedial Action Contract (RAC) 2

- Provide excavation oversight and air sampling for a residential contaminated topsoil removal project in Jacobsville, Indiana.
- Lead field team in Remedial Investigation (RI) phase of a contaminated groundwater/soil project in Milford, Ohio. Project included drilling, groundwater/soil sampling and sampling the water treatment facility.

EDUCATION

B.S., Environmental Science/Management, Indiana University, Bloomington, IN, 2012

AREAS OF EXPERTISE

Technical report preparation and review

Data and technical analysis

Environmental sampling

Natural Resource Compliance

KEY TRAINING/ CERTIFICATIONS

40-Hour OSHA HAZWOPER Training

10-Hour OSHA Construction Training

INDOT NEPA Certified

FEMA Incident Command System (ICS) 100, 200, 300, 400, 700, and 800

TWIC

OFFICE

Chicago, IL

YEARS OF EXPERIENCE

2

CONTACT

312-201-7767

lance.summers@tetrattech.com

- Provide groundwater sampling support for a landfill project in New Carlisle, Ohio.

Pump and Treat System Installation Pilot Study.

Mr. Summers lead a geologic pilot study in southern Indiana used to determine if a Pump and Treat System would be a feasible remedial objective for a remediation site. Mr. Summers coordinated results with the Indiana Department of Environmental Management (IDEM) project manager and determined that a pump and treatment system would be feasible at the site. The construction of the pump and treatment system is expected to be complete by the end of 2014.

Spill Prevention, Control and Countermeasure (SPCC) and National Pollutant Discharge Elimination System (NPDES) Permit Compliance.

Mr. Summers was responsible for keeping several oil companies throughout central Indiana/Illinois compliant with their SPCC plans and NPDES permits. This involved readily working with the client and state departments to come up with the best engineered solution to keep facilities compliant.

Excess Liability Trust Fund (ELTF) Sites.

Mr. Summers was responsible for the quarterly groundwater sampling events and reports for over 20 ELFT sites in Indiana. Sites were sampled using bailers and low-flow sampling equipment. Of the twenty ELFT sites, Mr. Summers wrote the No Further Action (NFA) requests for three sites which were later granted No Further Action by IDEM.

Municipal Airport Tank Closure.

Mr. Summers lead the closure of two underground storage tanks (USTs) for a municipal airport in northeastern Indiana. The tank closure included one in place closure and one tank removal. Mr. Summers Municipal Airport remained compliant with Indiana state regulations and has since been granted NFA status by IDEM.

Casey’s General Stores, Inc. (Marketing/Environmental Division).

Mr. Summers conducted field work and report preparation for Soil and Groundwater Sampling Reports. Soil and Groundwater Sampling Reports were used by Casey’s General Stores, Inc. to determine what available properties had environmental concerns.

Indiana Department of Transportation (INDOT) Pipe Lining Project.

Mr. Summers was responsible for managing the environmental work on over 50 pipe lining projects. Mr. Summers prepared the necessary United States Army Corp of Engineers (USACE) waters reports and wetland delineations on pipe lining projects known to have an impact of water resources.

INDOT Road Resurfacing Project.

In accordance with the National Environmental Policy Act, Mr. Summers provided the necessary environmental documentation for a road resurfacing project on State Road 9 in central Indiana.

INDOT State/Federal Managed Land Roads Mileage Project.

As a GIS specialist, Mr. Summers used ArcMap 9 and data management software specific to the department to build and log all state/federal managed land roads. This project was necessary so that the state/federal managed lands could gain federal funding for the maintenance of roads.

EMPLOYMENT HISTORY

| | |
|----------------|---|
| 2013 – Present | Environmental Scientist, Tetra Tech, Inc., Chicago, Illinois |
| 2012 – 2013 | Environmental Scientist, Active Environmental Services, Indianapolis, Indiana |
| 2011 – 2012 | Environmental Manager, INDOT, Greenfield, Indiana |



DEPARTMENT OF FLEET AND FACILITY MANAGEMENT
CITY OF CHICAGO

Carol Nissen
Tetra Tech Inc.
1 S. Wacker Drive, 37th Floor
Chicago, IL 60606

Subject: Comments for the DRAFT Phase I Environmental Site Assessment Report
115th & Halsted

Dear Ms. Nissen:

The following are the Chicago Department of Fleet and Facility Management's (2FM) comments on the above referenced Phase I Environmental Site Assessment Report (the Report) dated May, 2014 for 115th & Halsted Streets (the Site):

Section 2.2.5 Flood Maps

- Please confirm and then mention that the Site is not located within the 100-year flood zone.

RCRA Non Gen/NLR

- Page 18. The first two bullet points on this page explain that both sites do not appear to present an environmental concern. However, the subsequent paragraph contains the following sentence: "Based on the non-generator status and absence of reported RCRA violations, these facilities do appear to present an environmental concern to the subject property due to the Non-Generator status." This appears to be conflicting. Please resolve.

State LUST Sites

- Page 21. End of section. Please remove one of the periods after "...property"

Section 4.2 Freedom of Information (FOIA) Requests and Significant Findings

- Page 25. Please mention that FOIA Responses that are received by Tetra Tech at a later time will be submitted under separate cover as an Addendum to the Report.

Appendix C Sanborn Maps

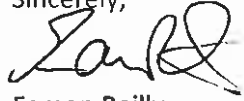
- Please identify/outline the Site on the maps

Figures

- As per the "Phase I ESA Format" please include a Figure that includes PINs.

Please make these changes and prepare a final report by Friday June 6, 2014. Please supply 2FM with two (2) electronic copies on CD and two (2) paper copies of the Report. If you have any questions about the above specific comments on the Report please contact me at (312) 744-7205.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eamon Reilly', with a stylized flourish at the end.

Eamon Reilly

Environmental Engineer III



DEPARTMENT OF FLEET & FACILITY MANAGEMENT

MEMORANDUM

To: Ed Lewis
Coordinator of Economic Development

From: Eamon Reilly *E. Reilly*
Environmental Engineer III

Date: 6/12/2014

Subject: 115th & Halsted Streets

The following is the Department of Fleet & Facility Management's (2FM) summary of a Phase I Environmental Site Assessment report (the Report) for the above-referenced property (the Site) prepared by Tetra Tech, Inc. and dated June 2014.

The Site is approximately 13.17 acres and consists primarily of a vacant building and an associated concrete/asphalt parking lot surrounding the building. 2FM understands that the Department of Planning and Development (DPD) may acquire the parcels.

The Phase I ESA identified multiple Recognized Environmental Conditions (REC) associated with the Site including:

Historic dry cleaners located on the northeast corner of the Site; Standard Oil Co. Bulk Station operated on the property south of the Site including bulk storage of petroleum fuels; a leaking underground storage tank incident on the properties southwest and southeast of the Site; active filling stations south and southeast of the Site; a historic auto station south of the Site; hazardous material storage and a property enrolled in the Illinois Environmental Protection Agency Site Remediation Program (SRP) without a No Further Remediation (NFR) Letter at a property south of the Site.

It appears some of the structures have already begun to undergo demolition. Prior to any demolition a lead-based paint and asbestos survey should be conducted and any demolition and/or renovation work must be performed in compliance with the law and applicable regulations related to lead and asbestos.

2FM recommends a Phase II Environmental Site Assessment (ESA) be performed to determine potential impacts to the Site prior to acquisition. If the Phase II ESA reveals any contamination then it is further recommended that the Site be entered into the SRP obtain a comprehensive NFR Letter.

The items associated with onsite and offsite property uses (as outlined above) pose a risk to the Site. If you have any questions, please do not hesitate to call me at 744-7205.

Appendix E

Radius Map Report



DATABASE REPORT

Project Property: *2023.3080-Commercial/Industrial Property
11414 S. Halsted Chicago IL 60628
11414 S Halsted St
Chicago IL 60628*

Project No: *2023.3080-Commercial/Industrial Property
11414 S. Halsted Chicago IL 60628*

Report Type: *Database Report*

Order No: *23101300130*

Requested by: *A3 Environmental, LLC*

Date Completed: *October 16, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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Executive Summary

Property Information:

Project Property: 2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL 60628
11414 S Halsted St Chicago IL 60628

Project No: 2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL 60628

Coordinates:

Latitude: 41.68600554
Longitude: -87.64316748
UTM Northing: 4,615,114.54
UTM Easting: 446,473.21
UTM Zone: 16T

Elevation: 618 FT

Order Information:

Order No: 23101300130
Date Requested: October 13, 2023
Requested by: A3 Environmental, LLC
Report Type: Database Report

Historicals/Products:

Aerial Photographs Historical Aerials (with Project Boundaries)
City Directory Search CD - 2 Street Search
ERIS Xplorer [ERIS Xplorer](#)
Excel Add-On Excel Add-On
Fire Insurance Maps US Fire Insurance Maps
Physical Setting Report (PSR) Physical Setting Report (PSR)
Topographic Map Topographic Maps

Executive Summary: Report Summary

| Database | Searched | Search Radius | Project Property | Within 0.12mi | 0.125mi to 0.25mi | 0.25mi to 0.50mi | 0.50mi to 1.00mi | Total |
|---------------------------------------|----------|---------------|------------------|---------------|-------------------|------------------|------------------|-------|
| Standard Environmental Records | | | | | | | | |
| Federal | | | | | | | | |
| NPL | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| PROPOSED NPL | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| DELETED NPL | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| SEMS | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| SEMS ARCHIVE | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| ODI | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| IODI | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| CERCLIS | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| CERCLIS NFRAP | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| CERCLIS LIENS | Y | PO | 0 | - | - | - | - | 0 |
| RCRA CORRACTS | Y | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| RCRA TSD | Y | 0.5 | 0 | 0 | 1 | 0 | - | 1 |
| RCRA LQG | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| RCRA SQG | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| RCRA VSQG | Y | 0.25 | 0 | 1 | 1 | - | - | 2 |
| RCRA NON GEN | Y | 0.25 | 0 | 3 | 4 | - | - | 7 |
| RCRA CONTROLS | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| FED ENG | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| FED INST | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| LUCIS | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| NPL IC | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| ERNS 1982 TO 1986 | Y | PO | 0 | - | - | - | - | 0 |
| ERNS 1987 TO 1989 | Y | PO | 0 | - | - | - | - | 0 |
| ERNS | Y | PO | 0 | - | - | - | - | 0 |
| FED BROWNFIELDS | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| FEMA UST | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| FRP | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |

| Database | Searched | Search Radius | Project Property | Within 0.12mi | 0.125mi to 0.25mi | 0.25mi to 0.50mi | 0.50mi to 1.00mi | Total |
|---------------------|-----------------|----------------------|-------------------------|----------------------|--------------------------|-------------------------|-------------------------|--------------|
| DELISTED FRP | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| HIST GAS STATIONS | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| REFN | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| BULK TERMINAL | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| SEMS LIEN | Y | PO | 0 | - | - | - | - | 0 |
| SUPERFUND ROD | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOE FUSRAP | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| State | | | | | | | | |
| SSU | Y | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| DELISTED SSU | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| SWF/LF | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| SWF/LF SPECIAL | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| NIPC | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| CCDD | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| LUST | Y | 0.5 | 0 | 5 | 4 | 1 | - | 10 |
| LUST DOCUMENT | Y | 0.5 | 0 | 4 | 4 | 1 | - | 9 |
| DELISTED LUST | Y | 0.5 | 0 | 1 | 0 | 0 | - | 1 |
| LUST TRUST | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| UST | Y | 0.25 | 0 | 9 | 3 | - | - | 12 |
| AST | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| DELISTED TANK | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| ENG | Y | 0.5 | 0 | 1 | 0 | 1 | - | 2 |
| INST | Y | 0.5 | 0 | 1 | 1 | 1 | - | 3 |
| AUL | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| SRP | Y | 0.5 | 0 | 1 | 3 | 1 | - | 5 |
| REM ASSESS | Y | 0.5 | 0 | 1 | 3 | 1 | - | 5 |
| BROWNFIELDS | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| BROWN MBRGP | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| Tribal | | | | | | | | |
| INDIAN LUST | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| INDIAN UST | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| DELISTED INDIAN LST | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| DELISTED INDIAN UST | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |

| Database | Searched | Search Radius | Project Property | Within 0.12mi | 0.125mi to 0.25mi | 0.25mi to 0.50mi | 0.50mi to 1.00mi | Total |
|-----------------|----------|---------------|------------------|---------------|-------------------|------------------|------------------|-------|
| County | | | | | | | | |
| TANKS CHICAGO | Y | 0.25 | 1 | 40 | 26 | - | - | 67 |
| PERMITS CHICAGO | Y | 0.125 | 0 | 36 | - | - | - | 36 |

Additional Environmental Records

Federal

| | | | | | | | | |
|-------------------|---|-------|---|---|---|---|---|---|
| FINDS/FRS | Y | PO | 1 | 6 | - | - | - | 7 |
| TRIS | Y | PO | 0 | - | - | - | - | 0 |
| PFAS NPL | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS FED SITES | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS SSEHRI | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| ERNS PFAS | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS NPDES | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS TRI | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS WATER | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS TSCA | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS E-MANIFEST | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| PFAS IND | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| HMIRS | Y | 0.125 | 0 | 0 | - | - | - | 0 |
| NCDL | Y | 0.125 | 0 | 0 | - | - | - | 0 |
| TSCA | Y | 0.125 | 0 | 0 | - | - | - | 0 |
| HIST TSCA | Y | 0.125 | 0 | 0 | - | - | - | 0 |
| FTTS ADMIN | Y | PO | 0 | - | - | - | - | 0 |
| FTTS INSP | Y | PO | 0 | - | - | - | - | 0 |
| PRP | Y | PO | 0 | - | - | - | - | 0 |
| SCRD DRYCLEANER | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| ICIS | Y | PO | 1 | 1 | - | - | - | 2 |
| FED DRYCLEANERS | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| DELISTED FED DRY | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| FUDS | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| FUDS MRS | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| FORMER NIKE | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIPELINE INCIDENT | Y | PO | 0 | - | - | - | - | 0 |
| MLTS | Y | PO | 0 | - | - | - | - | 0 |
| HIST MLTS | Y | PO | 0 | - | - | - | - | 0 |
| MINES | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |

Executive Summary: Site Report Summary - Project Property

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|-------------------|------------------|----------------------------------|---|------------------|-------------------------|-----------------------|--------------------|
| 1 | FINDS/FRS | 11414 S HALSTED | 11414 S HALSTED
CHICAGO IL 60631

<i>Registry ID: 110057033749</i> | N | 0.00 / 0.00 | 0 | 46 |
| 1 | ICIS | JEWEL FOOD STORES,
INC. #3089 | 11414 SOUTH HALSTED
CHICAGO IL 60628 | N | 0.00 / 0.00 | 0 | 46 |
| 1 | TANKS
CHICAGO | Z TROY | 11436 S HALSTED ST
CHICAGO IL | N | 0.00 / 0.00 | 0 | 46 |

Executive Summary: Site Report Summary - Surrounding Properties

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|-------------------|-----------------|------------------------------|---|-----------|------------------|----------------|--------------------|
| 2 | LUST | Chicago Housing Authority | 833 West 115th St.
Chicago IL 60643

<i>Incident No Incidents ID NFR Date:</i> 921830 13453 11/01/2010 | SSW | 0.01 / 40.69 | 0 | 47 |
| 2 | SRP | Chicago Housing Authority | 833 West 115th Street
Chicago IL 60643 | SSW | 0.01 / 40.69 | 0 | 47 |
| 2 | UST | Cha Warehouse | 833 W 115Th St Chicago, IL
60643
IL
<i>Facility No Facility Status:</i> 2026770 Closed
<i>Tank No Status Removed Date:</i> 1 Removed 8/1/1991 | SSW | 0.01 / 40.69 | 0 | 48 |
| 2 | FINDS/FRS | CHICAGO HOUSING AUTHORITY | 833 W 115TH ST
CHICAGO IL 60643

<i>Registry ID:</i> 110005898662 | SSW | 0.01 / 40.69 | 0 | 49 |
| 2 | SPILLS | CHICAGO HOUSING AUTHORITY | 833 W. 115TH ST.
CHICAGO IL

<i>Incident No:</i> 921830 | SSW | 0.01 / 40.69 | 0 | 49 |
| 2 | FINDS/FRS | CHICAGO HOUSING AUTHORITY | 833 W 115TH ST
CHICAGO IL 60643-4618

<i>Registry ID:</i> 110068125601 | SSW | 0.01 / 40.69 | 0 | 50 |
| 2 | PCB | CHICAGO HOUSING DEVELOPMENTS | 833 W 115TH ST
CHICAGO IL 60643

<i>Site ID:</i> ILD984839035 | SSW | 0.01 / 40.69 | 0 | 51 |
| 2 | TANKS CHICAGO | CHA WAREHOUSE | 833 W 115TH ST
CHICAGO IL | SSW | 0.01 / 40.69 | 0 | 51 |
| 2 | TANKS CHICAGO | CHICAGO HOUSING AUTHORITY | 833 W 115TH ST
CHICAGO IL | SSW | 0.01 / 40.69 | 0 | 52 |
| 2 | TANKS CHICAGO | CHICAGO HOUSING AUTHORITY | 833 W 115TH ST
CHICAGO IL | SSW | 0.01 / 40.69 | 0 | 52 |
| 2 | PERMITS CHICAGO | WALGREENS #09357 | 833 W 115TH ST
IL | SSW | 0.01 / 40.69 | 0 | 52 |
| 2 | ENG | Chicago Housing Authority | 833 West 115th Street
Chicago IL 60643 | SSW | 0.01 / 40.69 | 0 | 53 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|-------------------|-----------------|-----------------------------|--|-----------|------------------|----------------|--------------------|
| 2 | INST | Chicago Housing Authority | 833 West 115th Street
Chicago IL 60643 | SSW | 0.01 / 40.69 | 0 | 53 |
| 2 | LUST DOCUMENT | Chicago Housing Authority | 833 W 115th St
Chicago IL 60643 | SSW | 0.01 / 40.69 | 0 | 54 |
| 2 | REM ASSESS | Chicago Housing Authority | 833 W 115th St
Chicago IL 60643 | SSW | 0.01 / 40.69 | 0 | 54 |
| 2 | RCRA NON GEN | CHICAGO HOSUING AUTHORITY | 833 W 115TH ST
CHICAGO IL 60643

<i>EPA Handler ID: ILD984839035</i> | SSW | 0.01 / 40.69 | 0 | 55 |
| 3 | TANKS CHICAGO | WALGREENS | 809 W 115TH ST
CHICAGO IL | SSE | 0.01 / 42.33 | 0 | 56 |
| 3 | TANKS CHICAGO | STANDARD OIL | 809 W 115TH ST
CHICAGO IL | SSE | 0.01 / 42.33 | 0 | 57 |
| 4 | PERMITS CHICAGO | SHIRLEY POWELL | 11443 S HALSTED ST,
CHICAGO, IL
IL | ESE | 0.01 / 73.39 | 0 | 57 |
| 5 | PERMITS CHICAGO | INTER. DOUBLE DRIVE THRU | 11449 S HALSTED ST,
CHICAGO, IL
IL | ESE | 0.01 / 73.98 | 0 | 58 |
| 5 | PERMITS CHICAGO | RIMOND JAMOU | 11449 S HALSTED ST
IL | ESE | 0.01 / 73.98 | 0 | 58 |
| 6 | LUST | First Cook Comm. Bank | 11453 South Halsted St.
Chicago IL 60643

<i>Incident No Incidents ID NFR Date: 920332 12437 08/18/1992</i> | ESE | 0.01 / 75.51 | 0 | 58 |
| 6 | UST | Former Quality Muffler Shop | 11453 S Halsted St Chicago,
IL 60643
IL
<i>Facility No Facility Status: 2029904 Closed
Tank No Status Removed Date: 4 Removed 4/9/1992, 3 Removed 3/26/1992, 5 Removed 4/9/1992, 6 Removed 4/9/1992, 2 Removed 3/26/1992, 1 Removed 3/26/1992</i> | ESE | 0.01 / 75.51 | 0 | 59 |
| 6 | FINDS/FRS | QUALITY MUFFLER | 11453 S HALSTED
CHICAGO IL 60628

<i>Registry ID: 110005906742</i> | ESE | 0.01 / 75.51 | 0 | 61 |
| 6 | FINDS/FRS | FIRST COOK COMMUNITY BANK | 11453 S HALSTED ST
CHICAGO IL 60643

<i>Registry ID: 110018361315</i> | ESE | 0.01 / 75.51 | 0 | 61 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|-------------------|---------------|--------------------------------|---|------------------|-------------------------|-----------------------|--------------------|
| 6 | SPILLS | FIRST COOK COMMUNITY BANK | 11453 S. HALSTEAD ST.
CHICAGO IL

<i>Incident No:</i> 920332 | ESE | 0.01 / 75.51 | 0 | 62 |
| 6 | TANKS CHICAGO | FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 0 | 63 |
| 6 | TANKS CHICAGO | FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 0 | 63 |
| 6 | TANKS CHICAGO | FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 0 | 64 |
| 6 | TANKS CHICAGO | FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 0 | 64 |
| 6 | TANKS CHICAGO | FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 0 | 64 |
| 6 | TANKS CHICAGO | FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 0 | 65 |
| 6 | LUST DOCUMENT | First Cook Community Bank | 11453 S Halsted St
Chicago IL 60643 | ESE | 0.01 / 75.51 | 0 | 65 |
| 6 | IEPA DOCS | First Cook Community Bank | 11453 S Halsted St
Chicago IL 60643 | ESE | 0.01 / 75.51 | 0 | 65 |
| 6 | RCRA NON GEN | QUALITY MUFFLER | 11453 S HALSTED
CHICAGO IL 60628

<i>EPA Handler ID:</i> ILD984852525 | ESE | 0.01 / 75.51 | 0 | 66 |
| 7 | UST | McDonald's Corp. | 11421 S. Halsted Street
Chicago, IL 60628
IL
<i>Facility No Facility Status:</i> 2043655 Exempt
<i>Tank No Status Removed Date:</i> 1 Removed 5/23/2007 | ENE | 0.01 / 76.84 | -1 | 67 |
| 7 | FINDS/FRS | MCDONALDS | 11421 S HALSTED
CHICAGO IL 60628

<i>Registry ID:</i> 110028268693 | ENE | 0.01 / 76.84 | -1 | 68 |
| 7 | TANKS CHICAGO | SHELDON HEIGHTS REALTY COMPANY | 11421 S HALSTED ST
CHICAGO IL | ENE | 0.01 / 76.84 | -1 | 68 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|-----------------------------|---|-----------|------------------|----------------|--------------------|
| 7 | TANKS CHICAGO | NEW MCDONALD'S RESTAURANT | 11421 S HALSTED ST CHICAGO IL | ENE | 0.01 / 76.84 | -1 | 69 |
| 7 | PERMITS CHICAGO | MCDONALD'S CORP. | 11421 S HALSTED ST, CHICAGO, IL IL | ENE | 0.01 / 76.84 | -1 | 69 |
| 8 | TANKS CHICAGO | MCDONALDS | 11401 S HALSTED ST CHICAGO IL | NE | 0.01 / 78.02 | -1 | 69 |
| 8 | TANKS CHICAGO | MCDONALDS | 11401 S HALSTED ST CHICAGO IL | NE | 0.01 / 78.02 | -1 | 70 |
| 9 | PERMITS CHICAGO | PREFERRED DEVELOPMENT | 851 W 115TH ST, CHICAGO, IL IL | SW | 0.01 / 78.80 | 1 | 70 |
| 9 | PERMITS CHICAGO | PREFERRED DEVELOPMENT | 851 W 115TH ST, CHICAGO, IL IL | SW | 0.01 / 78.80 | 1 | 70 |
| 10 | RCRA NON GEN | AMOCO 5954 | 11500 S HALSTED CHICAGO IL 60628
<i>EPA Handler ID: ILD984923177</i> | SSE | 0.02 / 96.88 | 0 | 71 |
| 10 | LUST | Amoco Oil Co. #5954 | 11500 South Halsted Chicago IL 60628
<i>Incident No Incidents ID NFR Date: 923184 14265 09/05/2003</i> | SSE | 0.02 / 96.88 | 0 | 72 |
| 10 | SPILLS | AMOCO OIL COMPANY | 11500 S. HALSTEAD CHICAGO IL
<i>Incident No: 923184</i> | SSE | 0.02 / 96.88 | 0 | 72 |
| 10 | UST | Citgo | 11500 South Halsted Street Chicago, IL 60628 IL
<i>Facility No Facility Status: 2023001 Active
Tank No Status Removed Date: 2 Currently in use , 3 Currently in use , 1 Currently in use </i> | SSE | 0.02 / 96.88 | 0 | 73 |
| 10 | FINDS/FRS | AMOCO SERVICE STATION #5954 | 11500 S HALSTED CHICAGO IL 60628-5218
<i>Registry ID: 110005928345</i> | SSE | 0.02 / 96.88 | 0 | 77 |
| 10 | ICIS | AMOCO SERVICE STATION #5954 | 11500 S HALSTED ST CHICAGO IL 60628
<i>Registry ID: 110005928345</i> | SSE | 0.02 / 96.88 | 0 | 78 |
| 10 | TANKS CHICAGO | AMOCO OIL | 11500 S HALSTED ST CHICAGO IL | SSE | 0.02 / 96.88 | 0 | 78 |

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev Diff (ft)</i> | <i>Page Number</i> |
|--------------------|-----------------|--------------------------|------------------------------------|------------------|-------------------------|-----------------------|--------------------|
| 10 | TANKS CHICAGO | AMOCO OIL | 11500 S HALSTED ST CHICAGO IL | SSE | 0.02 / 96.88 | 0 | 79 |
| 10 | TANKS CHICAGO | CITGO GAS | 11500 S HALSTED ST CHICAGO IL | SSE | 0.02 / 96.88 | 0 | 79 |
| 10 | TANKS CHICAGO | AMOCO OIL | 11500 S HALSTED ST CHICAGO IL | SSE | 0.02 / 96.88 | 0 | 80 |
| 10 | TANKS CHICAGO | AMOCO OIL | 11500 S HALSTED ST CHICAGO IL | SSE | 0.02 / 96.88 | 0 | 80 |
| 10 | PERMITS CHICAGO | CITGO GAS | 11500 S HALSTED ST, CHICAGO, IL IL | SSE | 0.02 / 96.88 | 0 | 81 |
| 10 | PERMITS CHICAGO | AMOCO OIL CO | 11500 S HALSTED ST, CHICAGO, IL IL | SSE | 0.02 / 96.88 | 0 | 81 |
| 10 | PERMITS CHICAGO | | 11500 S HALSTED ST IL | SSE | 0.02 / 96.88 | 0 | 81 |
| 10 | PERMITS CHICAGO | CITGO GAS | 11500 S HALSTED ST, CHICAGO, IL IL | SSE | 0.02 / 96.88 | 0 | 82 |
| 10 | PERMITS CHICAGO | | 11500 S HALSTED ST IL | SSE | 0.02 / 96.88 | 0 | 82 |
| 10 | PERMITS CHICAGO | CITGO GAS | 11500 S HALSTED ST, CHICAGO, IL IL | SSE | 0.02 / 96.88 | 0 | 82 |
| 10 | PERMITS CHICAGO | CITGO STATION | 11500 S HALSTED ST IL | SSE | 0.02 / 96.88 | 0 | 83 |
| 10 | PERMITS CHICAGO | CITGO | 11500 S HALSTED ST IL | SSE | 0.02 / 96.88 | 0 | 83 |
| 10 | PERMITS CHICAGO | CITGO | 11500 S HALSTED ST IL | SSE | 0.02 / 96.88 | 0 | 83 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|---|-----------------|-----------------------------|---|-----------|------------------|----------------|--------------------|
| 10 | LUST DOCUMENT | Amoco Service Station #5954 | 11500 S Halsted St Chicago IL 60628 | SSE | 0.02 / 96.88 | 0 | 84 |
| 10 | AIR PERMITS | Amoco Service Station #5954 | 11500 S Halsted St Chicago IL 60628 | SSE | 0.02 / 96.88 | 0 | 84 |
| 10 | PERMITS CHICAGO | Citgo | 11500 South Halsted Street IL | SSE | 0.02 / 96.88 | 0 | 84 |
| 10 | PERMITS CHICAGO | Citgo | 11500 South Halsted Street IL | SSE | 0.02 / 96.88 | 0 | 85 |
| 10 | IEPA DOCS | Amoco Service Station #5954 | 11500 S Halsted St Chicago IL 60628 | SSE | 0.02 / 96.88 | 0 | 85 |
| 10 | AFS | AMOCO SERVICE STATION #5954 | 11500 S HALSTED ST CHICAGO IL 60628 | SSE | 0.02 / 96.88 | 0 | 85 |
| 11 | TANKS CHICAGO | QUALITY CARE MUFFLER | 11435 S HALSTED ST CHICAGO IL | E | 0.03 / 136.79 | -1 | 87 |
| 12 | LUST | Equilon Enterprises LLC | 11501 Halsted St. Chicago IL 60628 | SE | 0.04 / 235.52 | -1 | 88 |
| <i>Incident No Incidents ID NFR Date: 990250 23151 11/15/2002</i> | | | | | | | |
| 12 | UST | Mobil Carwash | 11501 South Halsted Street Chicago, IL 60628 IL | SE | 0.04 / 235.52 | -1 | 88 |
| <i>Facility No Facility Status: 2007045 Active</i> | | | | | | | |
| <i>Tank No Status Removed Date: 4 Currently in use , 1 Removed 8/8/2001, 5 Currently in use , 6 Currently in use , 3 Removed 8/8/2001, 2 Removed 8/8/2001</i> | | | | | | | |
| 12 | SPILLS | EQUILON ENTERPRISES LLC. | 11501 HALSTED ST. CHICAGO IL | SE | 0.04 / 235.52 | -1 | 93 |
| <i>Incident No: 990250</i> | | | | | | | |
| 12 | TANKS CHICAGO | MOBIL | 11501 S HALSTED ST CHICAGO IL | SE | 0.04 / 235.52 | -1 | 94 |
| 12 | TANKS CHICAGO | SHELL OIL | 11501 S HALSTED ST CHICAGO IL | SE | 0.04 / 235.52 | -1 | 95 |
| 12 | TANKS CHICAGO | SHELL OIL | 11501 S HALSTED ST CHICAGO IL | SE | 0.04 / 235.52 | -1 | 96 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|-----------------------------|------------------------------------|------------------|-------------------------|-----------------------|---------------------|
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 96 |
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 96 |
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 97 |
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 97 |
| 12 | PERMITS CHICAGO | MOHAMMAD ASIF | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 97 |
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 98 |
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 98 |
| 12 | PERMITS CHICAGO | | 11501 S HALSTED ST IL | SE | 0.04 / 235.52 | -1 | 98 |
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 99 |
| 12 | PERMITS CHICAGO | MOBIL OIL GAS STATION | 11501 S HALSTED ST IL | SE | 0.04 / 235.52 | -1 | 99 |
| 12 | PERMITS CHICAGO | MOBIL | 11501 S HALSTED ST, CHICAGO, IL IL | SE | 0.04 / 235.52 | -1 | 99 |
| 12 | DELISTED LUST | Mobil - 170000528187 | 11501 S Halsted Chicago IL 60628 | SE | 0.04 / 235.52 | -1 | 100 |
| 12 | LUST DOCUMENT | Shell Oil Co - 170000528187 | 11501 S Halsted Chicago IL 60628 | SE | 0.04 / 235.52 | -1 | 100 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|------------------------|---|-----------|------------------|----------------|---------------------|
| 13 | UST | Former Cha Warehouse | 901 W. 115th Street Chicago, IL 60628
<i>Facility No / Facility Status:</i> 2042212 Exempt
<i>Tank No / Status / Removed Date:</i> 1 Pre 1974 | WSW | 0.05 / 284.41 | 1 | 101 |
| 13 | TANKS CHICAGO | WILTON ENTERPRISES | 901 W 115TH ST CHICAGO IL | WSW | 0.05 / 284.41 | 1 | 101 |
| 13 | TANKS CHICAGO | WILTON ENTERPRISES | 901 W 115TH ST CHICAGO IL | WSW | 0.05 / 284.41 | 1 | 102 |
| 13 | TANKS CHICAGO | FORMER CHA WARE HOUSE | 901 W 115TH ST CHICAGO IL | WSW | 0.05 / 284.41 | 1 | 102 |
| 13 | PERMITS CHICAGO | FORMER CHA WARE HOUSE | 901 W 115TH ST, CHICAGO, IL IL | WSW | 0.05 / 284.41 | 1 | 102 |
| 14 | TANKS CHICAGO | VACANT LOT | 903 W 115TH ST CHICAGO IL | WSW | 0.06 / 291.41 | 1 | 103 |
| 15 | TANKS CHICAGO | BEULAH TEMPLE | 11325 S HALSTED ST CHICAGO IL | NNE | 0.06 / 294.89 | -1 | 103 |
| 15 | PERMITS CHICAGO | SHELDON HEIGHTS CHURCH | 11325 S HALSTED ST, CHICAGO, IL IL | NNE | 0.06 / 294.89 | -1 | 103 |
| 16 | TANKS CHICAGO | KENN. MOTORS | 741 W 115TH ST CHICAGO IL | ESE | 0.06 / 301.74 | -1 | 104 |
| 17 | TANKS CHICAGO | SEE 11501-17 S HALSTED | 751 W 115TH ST CHICAGO IL | ESE | 0.06 / 311.49 | -1 | 104 |
| 18 | TANKS CHICAGO | STEWART MOLENAR | 11520 S HALSTED ST CHICAGO IL | SSE | 0.06 / 314.16 | 0 | 104 |
| 19 | UST | Whitmal Oil Ser Inc | 11328 S Halsted Chicago, IL 60628
IL
<i>Facility No / Facility Status:</i> 2000228 Closed
<i>Tank No / Status / Removed Date:</i> 1 Removed 1/27/1998, 2 Removed 1/27/1998 | NNE | 0.06 / 334.29 | -1 | 105 |
| 19 | TANKS CHICAGO | WHITMAL OIL SERVICE | 11328 S HALSTED ST CHICAGO IL | NNE | 0.06 / 334.29 | -1 | 106 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|----------------------------------|--|-----------|------------------|----------------|---------------------|
| 19 | TANKS CHICAGO | NATHANIAL WITMAL | 11328 S HALSTED ST CHICAGO IL | NNE | 0.06 / 334.29 | -1 | 106 |
| 19 | PERMITS CHICAGO | WHITMAL OIL SERVICE | 11328 S HALSTED ST, CHICAGO, IL IL | NNE | 0.06 / 334.29 | -1 | 107 |
| 20 | UST | 0415 Clark Ser Station | 11525 S Halsted St Chicago, IL 60628
<i>Facility No Facility Status: 2009966 Closed
Tank No Status Removed Date: 2 Removed 4/8/1988, 1 Removed 4/8/1988, 3 Removed 4/8/1988</i> | SE | 0.07 / 380.37 | -1 | 107 |
| 20 | TANKS CHICAGO | PIZZA HUT | 11525 S HALSTED ST CHICAGO IL | SE | 0.07 / 380.37 | -1 | 108 |
| 20 | TANKS CHICAGO | PIZZA HUT | 11525 S HALSTED ST CHICAGO IL | SE | 0.07 / 380.37 | -1 | 108 |
| 20 | TANKS CHICAGO | PIZZA HUT | 11525 S HALSTED ST CHICAGO IL | SE | 0.07 / 380.37 | -1 | 109 |
| 21 | LUST | Community High School Dist. #218 | 731 West 115th St. Alsip IL 60803
<i>Incident No Incidents ID NFR Date: 922574 13945 10/18/1995</i> | ESE | 0.07 / 387.24 | -1 | 109 |
| 22 | TANKS CHICAGO | STANDARD OIL | 915 W 115TH ST CHICAGO IL | WSW | 0.07 / 392.46 | 1 | 110 |
| 23 | RCRA VSQG | PEP BOYS #891 | 11550 SO HALSTED CHICAGO IL 60648
<i>EPA Handler ID: ILR000043224</i> | SSE | 0.09 / 460.04 | 0 | 110 |
| 24 | PERMITS CHICAGO | LOIS PAYNE | 11529 S PEORIA ST, CHICAGO, IL IL | SW | 0.10 / 515.56 | -4 | 111 |
| 25 | TANKS CHICAGO | AUTO ZONE # 5248 | 11550 S HALSTED ST CHICAGO IL | SSE | 0.10 / 545.07 | -1 | 111 |
| 25 | PERMITS CHICAGO | PEP BOYS-PARTS USA | 11550 S HALSTED ST, CHICAGO, IL IL | SSE | 0.10 / 545.07 | -1 | 112 |
| 25 | PERMITS CHICAGO | AUTO ZONE # 5248 | 11550 S HALSTED ST, CHICAGO, IL IL | SSE | 0.10 / 545.07 | -1 | 112 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|----------------------------------|--|-----------|------------------|----------------|---------------------|
| 26 | UST | Devotion Unisex Beauty Salon | 11300 S Halsted St Chicago, IL 60628
<i>Facility No Facility Status:</i> 2032718 Exempt
<i>Tank No Status Removed Date:</i> 1 Removed 1/4/1994 | NNE | 0.12 / 608.81 | -1 | 112 |
| 26 | TANKS CHICAGO | JUANITA WILSON | 11300 S HALSTED ST CHICAGO IL | NNE | 0.12 / 608.81 | -1 | 113 |
| 26 | PERMITS CHICAGO | JUANITA WILSON | 11300 S HALSTED ST, CHICAGO, IL IL | NNE | 0.12 / 608.81 | -1 | 113 |
| 27 | TANKS CHICAGO | ROLLAND BERTROND | 820 W 116TH ST CHICAGO IL | SSE | 0.13 / 686.83 | -1 | 114 |
| 28 | TANKS CHICAGO | MIDWEST EQUITIES LTD | 11601 S HALSTED ST CHICAGO IL | SSE | 0.13 / 703.66 | -1 | 114 |
| 28 | TANKS CHICAGO | MIDWEST EQUITIES LTD | 11601 S HALSTED ST CHICAGO IL | SSE | 0.13 / 703.66 | -1 | 115 |
| 28 | TANKS CHICAGO | MIDWEST EQUITIES LTD | 11601 S HALSTED ST CHICAGO IL | SSE | 0.13 / 703.66 | -1 | 115 |
| 29 | RCRA VSQG | SERVICE KING PAINT & BODY LLC | 821 W 116TH ST CHICAGO IL 60643

<i>EPA Handler ID:</i> ILD982209991 | S | 0.13 / 704.59 | -1 | 115 |
| 29 | TANKS CHICAGO | GENO DERE | 821 W 116TH ST CHICAGO IL | S | 0.13 / 704.59 | -1 | 117 |
| 30 | TANKS CHICAGO | MARTINO PAPER & ENVELOPE COMPANY | 744 W 113TH ST CHICAGO IL | NE | 0.14 / 734.45 | -2 | 118 |
| 31 | TANKS CHICAGO | K. A. PRIDJIAN | 11600 S HALSTED ST CHICAGO IL | SSE | 0.15 / 802.05 | -1 | 118 |
| 31 | UST | K.A.Pridjian & Co. | 11600 S. Halsted Street Chicago, IL 60628 IL
<i>Facility No Facility Status:</i> 2046725 Exempt
<i>Tank No Status Removed Date:</i> 1 Removed 11/13/2018 | SSE | 0.15 / 802.05 | -1 | 118 |
| 31 | LUST | K.A. Pridjian & Company | 11600 South Halstead Street Chicago IL 60628 | SSE | 0.15 / 802.05 | -1 | 119 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--|---------------|---------------------------------|--------------------------------------|-----------|------------------|----------------|---------------------|
| <i>Incident No Incidents ID NFR Date: 20190928 29074 12/06/2019</i> | | | | | | | |
| 31 | LUST DOCUMENT | KA Pridjian & Co - 170002387021 | 11600 S Halstead St Chicago IL 60628 | SSE | 0.15 / 802.05 | -1 | 120 |
| 32 | RCRA NON GEN | BROWNLEE E J TRANS INC | 1001 W 115TH ST CHICAGO IL 60643 | WSW | 0.16 / 839.67 | -4 | 120 |
| <i>EPA Handler ID: ILD020957544</i> | | | | | | | |
| 32 | LUST | E.J. Brownlee Transportation | 1001 West 115th St. Chicago IL 60643 | WSW | 0.16 / 839.67 | -4 | 121 |
| <i>Incident No Incidents ID NFR Date: 981649 22127 04/01/1999</i> | | | | | | | |
| 32 | UST | E J Brownlee Transportation Inc | 1001 W 115Th St Chicago, IL 60643 IL | WSW | 0.16 / 839.67 | -4 | 122 |
| <i>Facility No Facility Status: 2032613 Closed
Tank No Status Removed Date: 1 Removed 7/8/1998</i> | | | | | | | |
| 32 | TANKS CHICAGO | ACTIVE TRANS SERVICE | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 122 |
| 32 | TANKS CHICAGO | BUS TRANSPORTATION | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 123 |
| 32 | TANKS CHICAGO | ACTIVE TRANS SERVICE | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 123 |
| 32 | TANKS CHICAGO | ACTIVE TRANS SERVICE | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 123 |
| 32 | TANKS CHICAGO | ACTIVE TRANS SERVICE | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 124 |
| 32 | TANKS CHICAGO | ACTIVE TRANS SERVICE | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 124 |
| 32 | TANKS CHICAGO | ACTIVE TRANS SERVICE | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 124 |
| 32 | TANKS CHICAGO | ACTIVE TRANS SERVICE | 1001 W 115TH ST CHICAGO IL | WSW | 0.16 / 839.67 | -4 | 125 |
| 32 | LUST DOCUMENT | Ej Brownlee Transport Inc | 1001 W 115th St Chicago IL 60643 | WSW | 0.16 / 839.67 | -4 | 125 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|---------------|----------------------------------|--|------------------|-------------------------|-----------------------|---------------------|
| 33 | TANKS CHICAGO | STANDARD OIL | 11226 S HALSTED ST CHICAGO IL | NNE | 0.18 / 944.27 | -1 | 126 |
| 33 | TANKS CHICAGO | STANDARD OIL | 11226 S HALSTED ST CHICAGO IL | NNE | 0.18 / 944.27 | -1 | 126 |
| 33 | TANKS CHICAGO | LONG'S GARDEN CENTER INC | 11226 S HALSTED ST CHICAGO IL | NNE | 0.18 / 944.27 | -1 | 126 |
| 34 | SRP | Kleene Towne Cleaners | 11249 South Halsted Street Chicago IL 60628 | NNE | 0.18 / 955.91 | -2 | 127 |
| 34 | TANKS CHICAGO | AL KUHART | 11249 S HALSTED ST CHICAGO IL | NNE | 0.18 / 955.91 | -2 | 127 |
| 34 | REM ASSESS | Kleen Towne Cleaners | 11249 S Halsted Chicago IL 60628 | NNE | 0.18 / 955.91 | -2 | 127 |
| 34 | RCRA NON GEN | KLEEN TOWNE CLEANERS | 11249 S HALSTED CHICAGO IL 60628
<i>EPA Handler ID: ILD064381650</i> | NNE | 0.18 / 955.91 | -2 | 128 |
| 35 | TANKS CHICAGO | JENSEN MOVERS | 11632 S HALSTED ST CHICAGO IL | SSE | 0.19 / 1,012.29 | -3 | 130 |
| 36 | RCRA NON GEN | SHELDON HTS CHURCH OF CHRIST | 11819 S GREEN ST CHICAGO IL 60628
<i>EPA Handler ID: ILR000117911</i> | S | 0.20 / 1,077.53 | -3 | 130 |
| 36 | RCRA TSD | SHELDON HTS CHURCH OF CHRIST | 11819 S GREEN ST CHICAGO IL 60628
<i>EPA Handler ID: ILR000117911</i> | S | 0.20 / 1,077.53 | -3 | 133 |
| 36 | SRP | Sheldon Heights Church of Christ | 11819-11849 South Green Street Chicago IL 60643 | S | 0.20 / 1,077.53 | -3 | 135 |
| 36 | INST | Sheldon Heights Church of Christ | 11819-11849 South Green Street Chicago IL 60643 | S | 0.20 / 1,077.53 | -3 | 135 |
| 36 | TANKS CHICAGO | VACANT LAND | 11819 S GREEN ST CHICAGO IL | S | 0.20 / 1,077.53 | -3 | 136 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|---|---------------|------------------------------|--|-----------|--------------------|----------------|---------------------|
| 36 | REM ASSESS | Sheldon Hts Church Of Christ | 11819-11849 S Green St
Chicago IL 60643 | S | 0.20 /
1,077.53 | -3 | 136 |
| 37 | TANKS CHICAGO | MARION JENSEN | 11636 S HALSTED ST
CHICAGO IL | S | 0.21 /
1,099.91 | -3 | 137 |
| 38 | LUST | Long's Garden Center, Inc. | 11226 South Halsted
Chicago IL 60628 | N | 0.21 /
1,132.38 | -1 | 138 |
| <i>Incident No Incidents ID NFR Date: 980313 21453 02/19/1999</i> | | | | | | | |
| 38 | UST | Long-Garden-Center Inc | 11226 S Halsted Chicago, IL
60628
IL | N | 0.21 /
1,132.38 | -1 | 138 |
| <i>Facility No Facility Status: 2006606 Closed</i> | | | | | | | |
| <i>Tank No Status Removed Date: 1 Removed 2/17/1998</i> | | | | | | | |
| 38 | LUST DOCUMENT | Longs Garden Center | 11226 S Halsted
Chicago IL 60628 | N | 0.21 /
1,132.38 | -1 | 139 |
| 38 | RCRA NON GEN | LONGS GARDEN CENTER INC | 11226 S HALSTED
CHICAGO IL 60628 | N | 0.21 /
1,132.38 | -1 | 139 |
| <i>EPA Handler ID: ILR000045344</i> | | | | | | | |
| 39 | TANKS CHICAGO | T.F. FITZGERALD | 746 W 117TH ST
CHICAGO IL | SSE | 0.23 /
1,225.85 | -3 | 141 |
| 40 | TANKS CHICAGO | ROSELAND MOTOR SALES | 11200 S HALSTED ST
CHICAGO IL | N | 0.24 /
1,264.83 | -2 | 141 |
| 41 | LUST | Public Petroleum Co. | 11656 South Halsted
Chicago IL 60628 | S | 0.24 /
1,289.52 | -3 | 141 |
| <i>Incident No Incidents ID NFR Date: 970068 20043 </i> | | | | | | | |
| 41 | SRP | Mickey's Auto Service Center | 11656 South Halsted Avenue
Chicago IL 60628 | S | 0.24 /
1,289.52 | -3 | 142 |
| 41 | TANKS CHICAGO | PUBLIC PETROLEUM | 11656 S HALSTED ST
CHICAGO IL | S | 0.24 /
1,289.52 | -3 | 142 |
| 41 | TANKS CHICAGO | PUBLIC PETROLEUM | 11656 S HALSTED ST
CHICAGO IL | S | 0.24 /
1,289.52 | -3 | 142 |
| 41 | LUST DOCUMENT | Public Petroleum Co | 11656 S Halsted
Chicago IL 60628 | S | 0.24 /
1,289.52 | -3 | 143 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|---|---------------|-----------------------------|---|------------------|-------------------------|-----------------------|---------------------|
| 41 | REM ASSESS | Public Petroleum Co | 11656 S Halsted
Chicago IL 60628 | S | 0.24 /
1,289.52 | -3 | 143 |
| 42 | LUST | Statewide Mortgage | 11501 South Racine
Chicago IL 60643 | W | 0.40 /
2,098.74 | -3 | 144 |
| <i>Incident No Incidents ID NFR Date: 20060337 4578 </i> | | | | | | | |
| 42 | LUST DOCUMENT | Statewide Mortgage | 11501 S Racine
Chicago IL 60643 | W | 0.40 /
2,098.74 | -3 | 144 |
| 43 | SRP | E&E Flair Cleaners Inc | 1215 West 115th Street
Chicago IL 60643 | W | 0.43 /
2,294.40 | -3 | 145 |
| 43 | ENG | E&E Flair Cleaners Inc | 1215 West 115th Street
Chicago IL 60643 | W | 0.43 /
2,294.40 | -3 | 145 |
| 43 | INST | E&E Flair Cleaners Inc | 1215 West 115th Street
Chicago IL 60643 | W | 0.43 /
2,294.40 | -3 | 146 |
| 43 | REM ASSESS | E&e Flair Cleaners Inc | 1215 W 115th St
Chicago IL 60643 | W | 0.43 /
2,294.40 | -3 | 147 |
| 44 | SSU | Dutch Boy Paint | 12042 South Peoria
Chicago IL 60643-5522 | S | 0.69 /
3,635.68 | -6 | 147 |
| <i>Site ID SSU Status: 0316005116 Transferred</i> | | | | | | | |
| 45 | RCRA CORRACTS | WEST PULLMAN WORKS-FORMERLY | 1015 W 120TH ST
CHICAGO IL 60643 | SSW | 0.70 /
3,713.83 | -8 | 147 |
| <i>EPA Handler ID: ILD005213285</i> | | | | | | | |

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jul 10, 2023 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------|-------------------------------------|------------------|-------------------------|--------------------|
| WEST PULLMAN WORKS-FORMERLY | 1015 W 120TH ST
CHICAGO IL 60643 | SSW | 0.70 / 3,713.83 | 45 |

EPA Handler ID: ILD005213285

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jul 10, 2023 has found that there are 1 RCRA TSD site(s) within approximately 0.50 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------|--------------------------------------|------------------|-------------------------|--------------------|
| SHELDON HTS CHURCH OF CHRIST | 11819 S GREEN ST
CHICAGO IL 60628 | S | 0.20 / 1,077.53 | 36 |

EPA Handler ID: ILR000117911

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jul 10, 2023 has found that there are 2 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|--------------------------------------|------------------|-------------------------|--------------------|
| PEP BOYS #891 | 11550 SO HALSTED
CHICAGO IL 60648 | SSE | 0.09 / 460.04 | 23 |

EPA Handler ID: ILR000043224

| | | | | |
|-------------------------------|------------------------------------|---|---------------|--------------------|
| SERVICE KING PAINT & BODY LLC | 821 W 116TH ST
CHICAGO IL 60643 | S | 0.13 / 704.59 | 29 |
|-------------------------------|------------------------------------|---|---------------|--------------------|

EPA Handler ID: ILD982209991

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jul 10, 2023 has found that there are 7 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|------------------------------------|------------------|-------------------------|-------------------|
| CHICAGO HOSUING AUTHORITY | 833 W 115TH ST
CHICAGO IL 60643 | SSW | 0.01 / 40.69 | 2 |

EPA Handler ID: ILD984839035

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--------------------------------------|------------------|-------------------------|--------------------|
| AMOCO 5954 | 11500 S HALSTED
CHICAGO IL 60628 | SSE | 0.02 / 96.88 | 10 |
| | <i>EPA Handler ID: ILD984923177</i> | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| QUALITY MUFFLER | 11453 S HALSTED
CHICAGO IL 60628 | ESE | 0.01 / 75.51 | 6 |
| | <i>EPA Handler ID: ILD984852525</i> | | | |
| BROWNLIE E J TRANS INC | 1001 W 115TH ST
CHICAGO IL 60643 | WSW | 0.16 / 839.67 | 32 |
| | <i>EPA Handler ID: ILD020957544</i> | | | |
| KLEEN TOWNE CLEANERS | 11249 S HALSTED
CHICAGO IL 60628 | NNE | 0.18 / 955.91 | 34 |
| | <i>EPA Handler ID: ILD064381650</i> | | | |
| SHELDON HTS CHURCH OF CHRIST | 11819 S GREEN ST
CHICAGO IL 60628 | S | 0.20 / 1,077.53 | 36 |
| | <i>EPA Handler ID: ILR000117911</i> | | | |
| LONGS GARDEN CENTER INC | 11226 S HALSTED
CHICAGO IL 60628 | N | 0.21 / 1,132.38 | 38 |
| | <i>EPA Handler ID: ILR000045344</i> | | | |

State

SSU - State Response Action Program Database

A search of the SSU database, dated Aug 3, 2023 has found that there are 1 SSU site(s) within approximately 1.00 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|---|------------------|-------------------------|--------------------|
| Dutch Boy Paint | 12042 South Peoria
Chicago IL 60643-5522 | S | 0.69 / 3,635.68 | 44 |
| | <i>Site ID SSU Status: 0316005116 Transferred</i> | | | |

LUST - Leaking Underground Storage Tanks (LUST)

A search of the LUST database, dated Aug 3, 2023 has found that there are 10 LUST site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|---|------------------|-------------------------|--------------------|
| Chicago Housing Authority | 833 West 115th St.
Chicago IL 60643 | SSW | 0.01 / 40.69 | 2 |
| | <i>Incident No Incidents ID NFR Date: 921830 13453 11/01/2010</i> | | | |
| Amoco Oil Co. #5954 | 11500 South Halsted
Chicago IL 60628 | SSE | 0.02 / 96.88 | 10 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---|---|------------------|-------------------------|--------------------|
| <i>Incident No Incidents ID NFR Date: 923184 14265 09/05/2003</i> | | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| First Cook Comm. Bank | 11453 South Halsted St.
Chicago IL 60643 | ESE | 0.01 / 75.51 | 6 |
| <i>Incident No Incidents ID NFR Date: 920332 12437 08/18/1992</i> | | | | |
| Equilon Enterprises LLC | 11501 Halsted St.
Chicago IL 60628 | SE | 0.04 / 235.52 | 12 |
| <i>Incident No Incidents ID NFR Date: 990250 23151 11/15/2002</i> | | | | |
| Community High School Dist. #218 | 731 West 115th St.
Alsip IL 60803 | ESE | 0.07 / 387.24 | 21 |
| <i>Incident No Incidents ID NFR Date: 922574 13945 10/18/1995</i> | | | | |
| K.A. Pridjian & Company | 11600 South Halstead Street
Chicago IL 60628 | SSE | 0.15 / 802.05 | 31 |
| <i>Incident No Incidents ID NFR Date: 20190928 29074 12/06/2019</i> | | | | |
| E.J. Brownlee Transportation | 1001 West 115th St.
Chicago IL 60643 | WSW | 0.16 / 839.67 | 32 |
| <i>Incident No Incidents ID NFR Date: 981649 22127 04/01/1999</i> | | | | |
| Long's Garden Center, Inc. | 11226 South Halsted
Chicago IL 60628 | N | 0.21 / 1,132.38 | 38 |
| <i>Incident No Incidents ID NFR Date: 980313 21453 02/19/1999</i> | | | | |
| Public Petroleum Co. | 11656 South Halsted
Chicago IL 60628 | S | 0.24 / 1,289.52 | 41 |
| <i>Incident No Incidents ID NFR Date: 970068 20043 </i> | | | | |
| Statewide Mortgage | 11501 South Racine
Chicago IL 60643 | W | 0.40 / 2,098.74 | 42 |
| <i>Incident No Incidents ID NFR Date: 20060337 4578 </i> | | | | |

LUST DOCUMENT - Leaking UST Document

A search of the LUST DOCUMENT database, dated Apr 19, 2023 has found that there are 9 LUST DOCUMENT site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|--------------------|
| Chicago Housing Authority | 833 W 115th St
Chicago IL 60643 | SSW | 0.01 / 40.69 | 2 |
| Amoco Service Station #5954 | 11500 S Halsted St
Chicago IL 60628 | SSE | 0.02 / 96.88 | 10 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------|---|------------------|-------------------------|--------------------|
| First Cook Community Bank | 11453 S Halsted St
Chicago IL 60643 | ESE | 0.01 / 75.51 | 6 |
| Shell Oil Co - 170000528187 | 11501 S Halsted
Chicago IL 60628 | SE | 0.04 / 235.52 | 12 |
| KA Pridjian & Co - 170002387021 | 11600 S Halstead St
Chicago IL 60628 | SSE | 0.15 / 802.05 | 31 |
| Ej Brownlee Transport Inc | 1001 W 115th St
Chicago IL 60643 | WSW | 0.16 / 839.67 | 32 |
| Longs Garden Center | 11226 S Halsted
Chicago IL 60628 | N | 0.21 / 1,132.38 | 38 |
| Public Petroleum Co | 11656 S Halsted
Chicago IL 60628 | S | 0.24 / 1,289.52 | 41 |
| Statewide Mortgage | 11501 S Racine
Chicago IL 60643 | W | 0.40 / 2,098.74 | 42 |

DELISTED LUST - Delisted Leaking Underground Storage Tank Sites

A search of the DELISTED LUST database, dated Aug 3, 2023 has found that there are 1 DELISTED LUST site(s) within approximately 0.50 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|-------------------------------------|------------------|-------------------------|--------------------|
| Mobil - 170000528187 | 11501 S Halsted
Chicago IL 60628 | SE | 0.04 / 235.52 | 12 |

UST - Underground Storage Tank Database (UST)

A search of the UST database, dated Aug 3, 2023 has found that there are 12 UST site(s) within approximately 0.25 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|--------------------|
| Cha Warehouse | 833 W 115Th St Chicago, IL 60643
IL | SSW | 0.01 / 40.69 | 2 |
| | <i>Facility No Facility Status: 2026770 Closed
Tank No Status Removed Date: 1 Removed 8/1/1991</i> | | | |
| Citgo | 11500 South Halsted Street Chicago, IL
60628
IL | SSE | 0.02 / 96.88 | 10 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------|---|------------------|-------------------------|--------------------|
| | Facility No Facility Status: 2023001 Active
Tank No Status Removed Date: 2 Currently in use , 3 Currently in use , 1 Currently in use | | | |
| Former Cha Warehouse | 901 W. 115th Street Chicago, IL 60628
IL | WSW | 0.05 / 284.41 | 13 |
| | Facility No Facility Status: 2042212 Exempt
Tank No Status Removed Date: 1 Pre 1974 | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| Former Quality Muffler Shop | 11453 S Halsted St Chicago, IL 60643
IL | ESE | 0.01 / 75.51 | 6 |
| | Facility No Facility Status: 2029904 Closed
Tank No Status Removed Date: 4 Removed 4/9/1992, 3 Removed 3/26/1992, 5 Removed 4/9/1992, 6 Removed 4/9/1992, 2 Removed 3/26/1992, 1 Removed 3/26/1992 | | | |
| McDonald's Corp. | 11421 S. Halsted Street Chicago, IL 60628
IL | ENE | 0.01 / 76.84 | 7 |
| | Facility No Facility Status: 2043655 Exempt
Tank No Status Removed Date: 1 Removed 5/23/2007 | | | |
| Mobil Carwash | 11501 South Halsted Street Chicago, IL 60628
IL | SE | 0.04 / 235.52 | 12 |
| | Facility No Facility Status: 2007045 Active
Tank No Status Removed Date: 4 Currently in use , 1 Removed 8/8/2001, 5 Currently in use , 6 Currently in use , 3 Removed 8/8/2001, 2 Removed 8/8/2001 | | | |
| Whitmal Oil Ser Inc | 11328 S Halsted Chicago, IL 60628
IL | NNE | 0.06 / 334.29 | 19 |
| | Facility No Facility Status: 2000228 Closed
Tank No Status Removed Date: 1 Removed 1/27/1998, 2 Removed 1/27/1998 | | | |
| 0415 Clark Ser Station | 11525 S Halsted St Chicago, IL 60628
IL | SE | 0.07 / 380.37 | 20 |
| | Facility No Facility Status: 2009966 Closed
Tank No Status Removed Date: 2 Removed 4/8/1988, 1 Removed 4/8/1988, 3 Removed 4/8/1988 | | | |
| Devotion Unisex Beauty Salon | 11300 S Halsted St Chicago, IL 60628
IL | NNE | 0.12 / 608.81 | 26 |
| | Facility No Facility Status: 2032718 Exempt
Tank No Status Removed Date: 1 Removed 1/4/1994 | | | |
| K.A.Pridjian & Co. | 11600 S. Halsted Street Chicago, IL 60628
IL | SSE | 0.15 / 802.05 | 31 |
| | Facility No Facility Status: 2046725 Exempt
Tank No Status Removed Date: 1 Removed 11/13/2018 | | | |
| E J Brownlee Transportation Inc | 1001 W 115Th St Chicago, IL 60643
IL | WSW | 0.16 / 839.67 | 32 |
| | Facility No Facility Status: 2032613 Closed
Tank No Status Removed Date: 1 Removed 7/8/1998 | | | |
| Long-Garden-Center Inc | 11226 S Halsted Chicago, IL 60628
IL | N | 0.21 / 1,132.38 | 38 |
| | Facility No Facility Status: 2006606 Closed
Tank No Status Removed Date: 1 Removed 2/17/1998 | | | |

ENG - Sites with Engineering Controls

A search of the ENG database, dated Sep 29, 2023 has found that there are 2 ENG site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------|---|-------------------------|--------------------------------|-----------------------|
| Chicago Housing Authority | 833 West 115th Street
Chicago IL 60643 | SSW | 0.01 / 40.69 | 2 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|-------------------------|--------------------------------|-----------------------|
| E&E Flair Cleaners Inc | 1215 West 115th Street
Chicago IL 60643 | W | 0.43 / 2,294.40 | 43 |

INST - Institutional Controls

A search of the INST database, dated Sep 29, 2023 has found that there are 3 INST site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------|---|-------------------------|--------------------------------|-----------------------|
| Chicago Housing Authority | 833 West 115th Street
Chicago IL 60643 | SSW | 0.01 / 40.69 | 2 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|----------------------------------|--|-------------------------|--------------------------------|-----------------------|
| Sheldon Heights Church of Christ | 11819-11849 South Green Street
Chicago IL 60643 | S | 0.20 / 1,077.53 | 36 |

| | | | | |
|------------------------|--|---|-----------------|--------------------|
| E&E Flair Cleaners Inc | 1215 West 115th Street
Chicago IL 60643 | W | 0.43 / 2,294.40 | 43 |
|------------------------|--|---|-----------------|--------------------|

SRP - Illinois Site Remediation Program Database

A search of the SRP database, dated Sep 29, 2023 has found that there are 5 SRP site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------|---|-------------------------|--------------------------------|-----------------------|
| Chicago Housing Authority | 833 West 115th Street
Chicago IL 60643 | SSW | 0.01 / 40.69 | 2 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|-------------------------|--------------------------------|-----------------------|
| Kleene Towne Cleaners | 11249 South Halsted Street
Chicago IL 60628 | NNE | 0.18 / 955.91 | 34 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|----------------------------------|--|------------------|-------------------------|--------------------|
| Sheldon Heights Church of Christ | 11819-11849 South Green Street
Chicago IL 60643 | S | 0.20 / 1,077.53 | 36 |
| Mickey's Auto Service Center | 11656 South Halsted Avenue
Chicago IL 60628 | S | 0.24 / 1,289.52 | 41 |
| E&E Flair Cleaners Inc | 1215 West 115th Street
Chicago IL 60643 | W | 0.43 / 2,294.40 | 43 |

REM ASSESS - Document Explorer Remediation and Assessment Sites

A search of the REM ASSESS database, dated Apr 19, 2023 has found that there are 5 REM ASSESS site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|------------------------------------|------------------|-------------------------|-------------------|
| Chicago Housing Authority | 833 W 115th St
Chicago IL 60643 | SSW | 0.01 / 40.69 | 2 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------|--|------------------|-------------------------|--------------------|
| Kleen Towne Cleaners | 11249 S Halsted
Chicago IL 60628 | NNE | 0.18 / 955.91 | 34 |
| Sheldon Hts Church Of Christ | 11819-11849 S Green St
Chicago IL 60643 | S | 0.20 / 1,077.53 | 36 |
| Public Petroleum Co | 11656 S Halsted
Chicago IL 60628 | S | 0.24 / 1,289.52 | 41 |
| E&e Flair Cleaners Inc | 1215 W 115th St
Chicago IL 60643 | W | 0.43 / 2,294.40 | 43 |

County

TANKS CHICAGO - Chicago Storage Tanks

A search of the TANKS CHICAGO database, dated Aug 23, 2023 has found that there are 67 TANKS CHICAGO site(s) within approximately 0.25 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------|------------------|-------------------------|-------------------|
| Z TROY | 11436 S HALSTED ST
CHICAGO IL | N | 0.00 / 0.00 | 1 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------|------------------|-------------------------|---------------------------|
| CHA WAREHOUSE | 833 W 115TH ST
CHICAGO IL | SSW | 0.01 / 40.69 | <u>2</u> |
| CHICAGO HOUSING
AUTHORITY | 833 W 115TH ST
CHICAGO IL | SSW | 0.01 / 40.69 | <u>2</u> |
| CHICAGO HOUSING
AUTHORITY | 833 W 115TH ST
CHICAGO IL | SSW | 0.01 / 40.69 | <u>2</u> |
| WALGREENS | 809 W 115TH ST
CHICAGO IL | SSE | 0.01 / 42.33 | <u>3</u> |
| STANDARD OIL | 809 W 115TH ST
CHICAGO IL | SSE | 0.01 / 42.33 | <u>3</u> |
| AMOCO OIL | 11500 S HALSTED ST
CHICAGO IL | SSE | 0.02 / 96.88 | <u>10</u> |
| AMOCO OIL | 11500 S HALSTED ST
CHICAGO IL | SSE | 0.02 / 96.88 | <u>10</u> |
| CITGO GAS | 11500 S HALSTED ST
CHICAGO IL | SSE | 0.02 / 96.88 | <u>10</u> |
| AMOCO OIL | 11500 S HALSTED ST
CHICAGO IL | SSE | 0.02 / 96.88 | <u>10</u> |
| AMOCO OIL | 11500 S HALSTED ST
CHICAGO IL | SSE | 0.02 / 96.88 | <u>10</u> |
| WILTON ENTERPRISES | 901 W 115TH ST
CHICAGO IL | WSW | 0.05 / 284.41 | <u>13</u> |
| WILTON ENTERPRISES | 901 W 115TH ST
CHICAGO IL | WSW | 0.05 / 284.41 | <u>13</u> |
| FORMER CHA WARE HOUSE | 901 W 115TH ST
CHICAGO IL | WSW | 0.05 / 284.41 | <u>13</u> |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------|----------------------------------|------------------|-------------------------|--------------------|
| VACANT LOT | 903 W 115TH ST
CHICAGO IL | WSW | 0.06 / 291.41 | 14 |
| STANDARD OIL | 915 W 115TH ST
CHICAGO IL | WSW | 0.07 / 392.46 | 22 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 6 |
| FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 6 |
| FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 6 |
| FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 6 |
| FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 6 |
| FIRST COOK COMMUNITY | 11453 S HALSTED ST
CHICAGO IL | ESE | 0.01 / 75.51 | 6 |
| SHELDON HEIGHTS REALTY
COMPANY | 11421 S HALSTED ST
CHICAGO IL | ENE | 0.01 / 76.84 | 7 |
| NEW MCDONALD'S
RESTAURANT | 11421 S HALSTED ST
CHICAGO IL | ENE | 0.01 / 76.84 | 7 |
| MCDONALDS | 11401 S HALSTED ST
CHICAGO IL | NE | 0.01 / 78.02 | 8 |
| MCDONALDS | 11401 S HALSTED ST
CHICAGO IL | NE | 0.01 / 78.02 | 8 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------|-------------------------|--------------------------------|---------------------------|
| QUALITY CARE MUFFLER | 11435 S HALSTED ST
CHICAGO IL | E | 0.03 / 136.79 | <u>11</u> |
| MOBIL | 11501 S HALSTED ST
CHICAGO IL | SE | 0.04 / 235.52 | <u>12</u> |
| SHELL OIL | 11501 S HALSTED ST
CHICAGO IL | SE | 0.04 / 235.52 | <u>12</u> |
| SHELL OIL | 11501 S HALSTED ST
CHICAGO IL | SE | 0.04 / 235.52 | <u>12</u> |
| BEULAH TEMPLE | 11325 S HALSTED ST
CHICAGO IL | NNE | 0.06 / 294.89 | <u>15</u> |
| KENN. MOTORS | 741 W 115TH ST
CHICAGO IL | ESE | 0.06 / 301.74 | <u>16</u> |
| SEE 11501-17 S HALSTED | 751 W 115TH ST
CHICAGO IL | ESE | 0.06 / 311.49 | <u>17</u> |
| STEWART MOLENAR | 11520 S HALSTED ST
CHICAGO IL | SSE | 0.06 / 314.16 | <u>18</u> |
| WHITMAL OIL SERVICE | 11328 S HALSTED ST
CHICAGO IL | NNE | 0.06 / 334.29 | <u>19</u> |
| NATHANIAL WITMAL | 11328 S HALSTED ST
CHICAGO IL | NNE | 0.06 / 334.29 | <u>19</u> |
| PIZZA HUT | 11525 S HALSTED ST
CHICAGO IL | SE | 0.07 / 380.37 | <u>20</u> |
| PIZZA HUT | 11525 S HALSTED ST
CHICAGO IL | SE | 0.07 / 380.37 | <u>20</u> |
| PIZZA HUT | 11525 S HALSTED ST
CHICAGO IL | SE | 0.07 / 380.37 | <u>20</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------------|----------------------------------|-------------------------|--------------------------------|---------------------------|
| AUTO ZONE # 5248 | 11550 S HALSTED ST
CHICAGO IL | SSE | 0.10 / 545.07 | <u>25</u> |
| JUANITA WILSON | 11300 S HALSTED ST
CHICAGO IL | NNE | 0.12 / 608.81 | <u>26</u> |
| ROLLAND BERTROND | 820 W 116TH ST
CHICAGO IL | SSE | 0.13 / 686.83 | <u>27</u> |
| MIDWEST EQUITIES LTD | 11601 S HALSTED ST
CHICAGO IL | SSE | 0.13 / 703.66 | <u>28</u> |
| MIDWEST EQUITIES LTD | 11601 S HALSTED ST
CHICAGO IL | SSE | 0.13 / 703.66 | <u>28</u> |
| MIDWEST EQUITIES LTD | 11601 S HALSTED ST
CHICAGO IL | SSE | 0.13 / 703.66 | <u>28</u> |
| GENO DERE | 821 W 116TH ST
CHICAGO IL | S | 0.13 / 704.59 | <u>29</u> |
| MARTINO PAPER & ENVELOPE
COMPANY | 744 W 113TH ST
CHICAGO IL | NE | 0.14 / 734.45 | <u>30</u> |
| K. A. PRIDJIAN | 11600 S HALSTED ST
CHICAGO IL | SSE | 0.15 / 802.05 | <u>31</u> |
| ACTIVE TRANS SERVICE | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |
| BUS TRANSPORTATION | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |
| ACTIVE TRANS SERVICE | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |
| ACTIVE TRANS SERVICE | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------|-------------------------|--------------------------------|---------------------------|
| ACTIVE TRANS SERVICE | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |
| ACTIVE TRANS SERVICE | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |
| ACTIVE TRANS SERVICE | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |
| ACTIVE TRANS SERVICE | 1001 W 115TH ST
CHICAGO IL | WSW | 0.16 / 839.67 | <u>32</u> |
| STANDARD OIL | 11226 S HALSTED ST
CHICAGO IL | NNE | 0.18 / 944.27 | <u>33</u> |
| STANDARD OIL | 11226 S HALSTED ST
CHICAGO IL | NNE | 0.18 / 944.27 | <u>33</u> |
| LONG'S GARDEN CENTER INC | 11226 S HALSTED ST
CHICAGO IL | NNE | 0.18 / 944.27 | <u>33</u> |
| AL KUHART | 11249 S HALSTED ST
CHICAGO IL | NNE | 0.18 / 955.91 | <u>34</u> |
| JENSEN MOVERS | 11632 S HALSTED ST
CHICAGO IL | SSE | 0.19 / 1,012.29 | <u>35</u> |
| VACANT LAND | 11819 S GREEN ST
CHICAGO IL | S | 0.20 / 1,077.53 | <u>36</u> |
| MARION JENSEN | 11636 S HALSTED ST
CHICAGO IL | S | 0.21 / 1,099.91 | <u>37</u> |
| T.F. FITZGERALD | 746 W 117TH ST
CHICAGO IL | SSE | 0.23 / 1,225.85 | <u>39</u> |
| ROSELAND MOTOR SALES | 11200 S HALSTED ST
CHICAGO IL | N | 0.24 / 1,264.83 | <u>40</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|----------------------------------|------------------|-------------------------|--------------------|
| PUBLIC PETROLEUM | 11656 S HALSTED ST
CHICAGO IL | S | 0.24 / 1,289.52 | 41 |
| PUBLIC PETROLEUM | 11656 S HALSTED ST
CHICAGO IL | S | 0.24 / 1,289.52 | 41 |

PERMITS CHICAGO - Chicago Environmental Permits

A search of the PERMITS CHICAGO database, dated Jun 15, 2023 has found that there are 36 PERMITS CHICAGO site(s) within approximately 0.12 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|---------------------------------------|------------------|-------------------------|--------------------|
| WALGREENS #09357 | 833 W 115TH ST
IL | SSW | 0.01 / 40.69 | 2 |
| PREFERRED DEVELOPMENT | 851 W 115TH ST, CHICAGO, IL
IL | SW | 0.01 / 78.80 | 9 |
| PREFERRED DEVELOPMENT | 851 W 115TH ST, CHICAGO, IL
IL | SW | 0.01 / 78.80 | 9 |
| CITGO GAS | 11500 S HALSTED ST, CHICAGO, IL
IL | SSE | 0.02 / 96.88 | 10 |
| AMOCO OIL CO | 11500 S HALSTED ST, CHICAGO, IL
IL | SSE | 0.02 / 96.88 | 10 |
| | 11500 S HALSTED ST
IL | SSE | 0.02 / 96.88 | 10 |
| CITGO GAS | 11500 S HALSTED ST, CHICAGO, IL
IL | SSE | 0.02 / 96.88 | 10 |
| | 11500 S HALSTED ST
IL | SSE | 0.02 / 96.88 | 10 |
| CITGO GAS | 11500 S HALSTED ST, CHICAGO, IL
IL | SSE | 0.02 / 96.88 | 10 |
| CITGO STATION | 11500 S HALSTED ST
IL | SSE | 0.02 / 96.88 | 10 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|---------------------------------------|------------------|-------------------------|--------------------|
| CITGO | 11500 S HALSTED ST
IL | SSE | 0.02 / 96.88 | 10 |
| CITGO | 11500 S HALSTED ST
IL | SSE | 0.02 / 96.88 | 10 |
| Citgo | 11500 South Halsted Street
IL | SSE | 0.02 / 96.88 | 10 |
| Citgo | 11500 South Halsted Street
IL | SSE | 0.02 / 96.88 | 10 |
| FORMER CHA WARE HOUSE | 901 W 115TH ST, CHICAGO, IL
IL | WSW | 0.05 / 284.41 | 13 |
| <u>Lower Elevation</u> | | | | |
| SHIRLEY POWELL | 11443 S HALSTED ST, CHICAGO, IL
IL | ESE | 0.01 / 73.39 | 4 |
| INTER. DOUBLE DRIVE THRU | 11449 S HALSTED ST, CHICAGO, IL
IL | ESE | 0.01 / 73.98 | 5 |
| RIMOND JAMOU | 11449 S HALSTED ST
IL | ESE | 0.01 / 73.98 | 5 |
| MCDONALD'S CORP. | 11421 S HALSTED ST, CHICAGO, IL
IL | ENE | 0.01 / 76.84 | 7 |
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|---------------------------------------|------------------|-------------------------|--------------------|
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| MOHAMMAD ASIF | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| | 11501 S HALSTED ST
IL | SE | 0.04 / 235.52 | 12 |
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| MOBIL OIL GAS STATION | 11501 S HALSTED ST
IL | SE | 0.04 / 235.52 | 12 |
| MOBIL | 11501 S HALSTED ST, CHICAGO, IL
IL | SE | 0.04 / 235.52 | 12 |
| SHELDON HEIGHTS CHURCH | 11325 S HALSTED ST, CHICAGO, IL
IL | NNE | 0.06 / 294.89 | 15 |
| WHITMAL OIL SERVICE | 11328 S HALSTED ST, CHICAGO, IL
IL | NNE | 0.06 / 334.29 | 19 |
| LOIS PAYNE | 11529 S PEORIA ST, CHICAGO, IL
IL | SW | 0.10 / 515.56 | 24 |
| PEP BOYS-PARTS USA | 11550 S HALSTED ST, CHICAGO, IL
IL | SSE | 0.10 / 545.07 | 25 |
| AUTO ZONE # 5248 | 11550 S HALSTED ST, CHICAGO, IL
IL | SSE | 0.10 / 545.07 | 25 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|---------------------------------------|------------------|-------------------------|--------------------|
| JUANITA WILSON | 11300 S HALSTED ST, CHICAGO, IL
IL | NNE | 0.12 / 608.81 | 26 |

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Mar 2, 2023 has found that there are 7 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------|--|------------------|-------------------------|--------------------|
| 11414 S HALSTED | 11414 S HALSTED
CHICAGO IL 60631

<i>Registry ID: 110057033749</i> | N | 0.00 / 0.00 | 1 |
| CHICAGO HOUSING
AUTHORITY | 833 W 115TH ST
CHICAGO IL 60643-4618

<i>Registry ID: 110068125601</i> | SSW | 0.01 / 40.69 | 2 |
| CHICAGO HOSUING
AUTHORITY | 833 W 115TH ST
CHICAGO IL 60643

<i>Registry ID: 110005898662</i> | SSW | 0.01 / 40.69 | 2 |
| AMOCO SERVICE STATION
#5954 | 11500 S HALSTED
CHICAGO IL 60628-5218

<i>Registry ID: 110005928345</i> | SSE | 0.02 / 96.88 | 10 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------|--|------------------|-------------------------|-------------------|
| FIRST COOK COMMUNITY
BANK | 11453 S HALSTED ST
CHICAGO IL 60643

<i>Registry ID: 110018361315</i> | ESE | 0.01 / 75.51 | 6 |
| QUALITY MUFFLER | 11453 S HALSTED
CHICAGO IL 60628

<i>Registry ID: 110005906742</i> | ESE | 0.01 / 75.51 | 6 |
| MCDONALDS | 11421 S HALSTED
CHICAGO IL 60628

<i>Registry ID: 110028268693</i> | ENE | 0.01 / 76.84 | 7 |

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Jan 21, 2023 has found that there are 2 ICIS site(s) within approximately 0.02 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|----------------------------------|---|------------------|-------------------------|--------------------|
| JEWEL FOOD STORES, INC.
#3089 | 11414 SOUTH HALSTED
CHICAGO IL 60628 | N | 0.00 / 0.00 | 1 |
| AMOCO SERVICE STATION
#5954 | 11500 S HALSTED ST
CHICAGO IL 60628 | SSE | 0.02 / 96.88 | 10 |
| <i>Registry ID: 110005928345</i> | | | | |

AFS - Air Facility System

A search of the AFS database, dated Oct 17, 2014 has found that there are 1 AFS site(s) within approximately 0.02 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------|--|------------------|-------------------------|--------------------|
| AMOCO SERVICE STATION
#5954 | 11500 S HALSTED ST
CHICAGO IL 60628 | SSE | 0.02 / 96.88 | 10 |

PCB - Polychlorinated Biphenyl (PCB) Notifiers

A search of the PCB database, dated Mar 20, 2023 has found that there are 1 PCB site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------|------------------------------------|------------------|-------------------------|-------------------|
| CHICAGO HOUSING
DEVELOPMENTS | 833 W 115TH ST
CHICAGO IL 60643 | SSW | 0.01 / 40.69 | 2 |
| <i>Site ID: ILD984839035</i> | | | | |

State

SPILLS - Spills and Incidents

A search of the SPILLS database, dated Jul 13, 2023 has found that there are 4 SPILLS site(s) within approximately 0.12 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|-------------------------------------|------------------|-------------------------|--------------------|
| CHICAGO HOUSING
AUTHORITY | 833 W. 115TH ST.
CHICAGO IL | SSW | 0.01 / 40.69 | 2 |
| <i>Incident No: 921830</i> | | | | |
| AMOCO OIL COMPANY | 11500 S. HALSTEAD
CHICAGO IL | SSE | 0.02 / 96.88 | 10 |
| <i>Incident No: 923184</i> | | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| FIRST COOK COMMUNITY
BANK | 11453 S. HALSTEAD ST.
CHICAGO IL | ESE | 0.01 / 75.51 | 6 |
| <i>Incident No: 920332</i> | | | | |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------|---------------------------------|------------------|-------------------------|--------------------|
| EQUILON ENTERPRISES LLC. | 11501 HALSTED ST.
CHICAGO IL | SE | 0.04 / 235.52 | 12 |

Incident No: 990250

IEPA DOCS - IEPA Document Explorer

A search of the IEPA DOCS database, dated Apr 19, 2023 has found that there are 2 IEPA DOCS site(s) within approximately 0.02 miles of the project property.

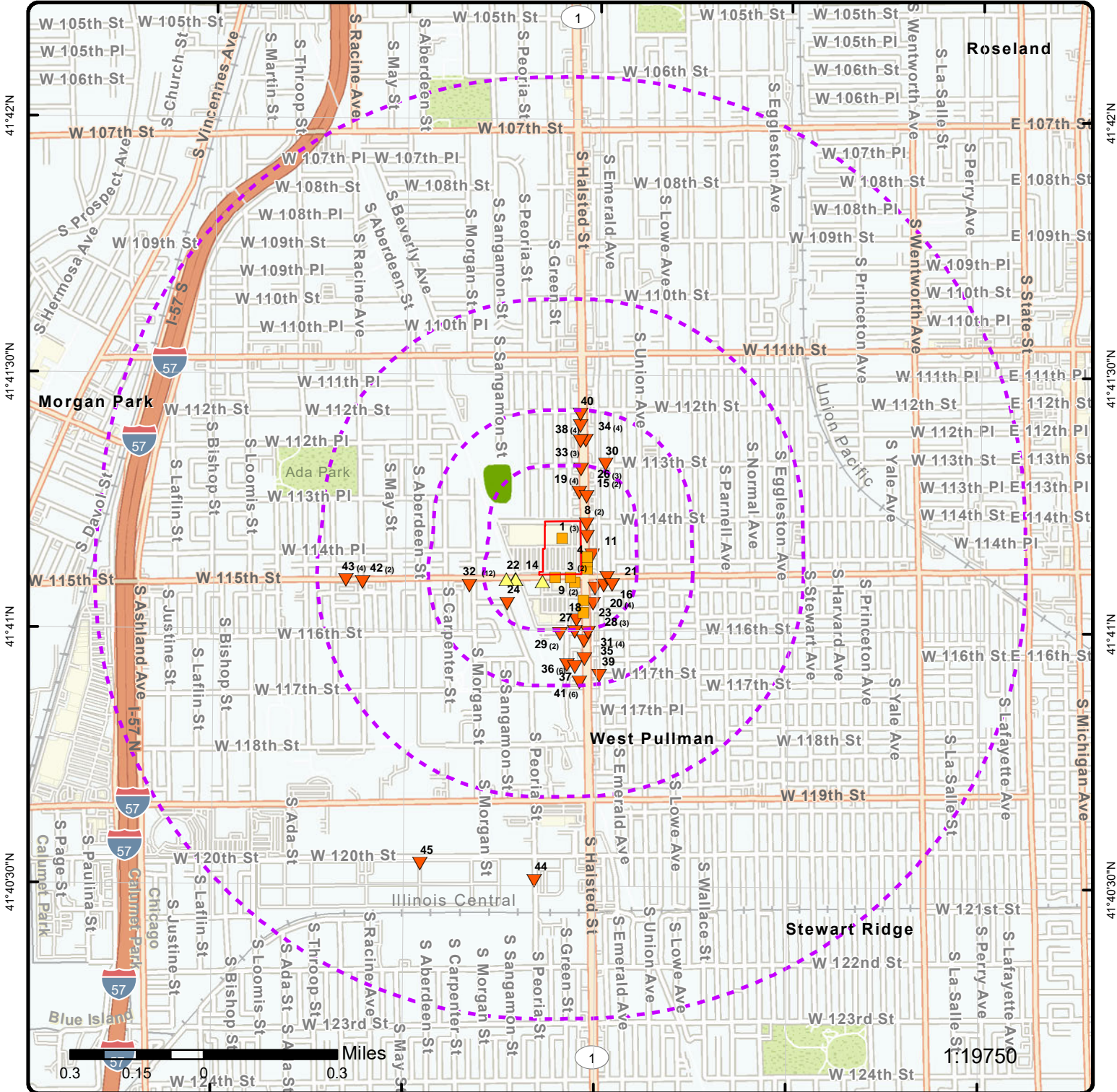
| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|--------------------|
| Amoco Service Station #5954 | 11500 S Halsted St
Chicago IL 60628 | SSE | 0.02 / 96.88 | 10 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------|--|------------------|-------------------------|-------------------|
| First Cook Community Bank | 11453 S Halsted St
Chicago IL 60643 | ESE | 0.01 / 75.51 | 6 |

AIR PERMITS - Air Permits

A search of the AIR PERMITS database, dated Apr 19, 2023 has found that there are 1 AIR PERMITS site(s) within approximately 0.25 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|-------------------------|--------------------|
| Amoco Service Station #5954 | 11500 S Halsted St
Chicago IL 60628 | SSE | 0.02 / 96.88 | 10 |

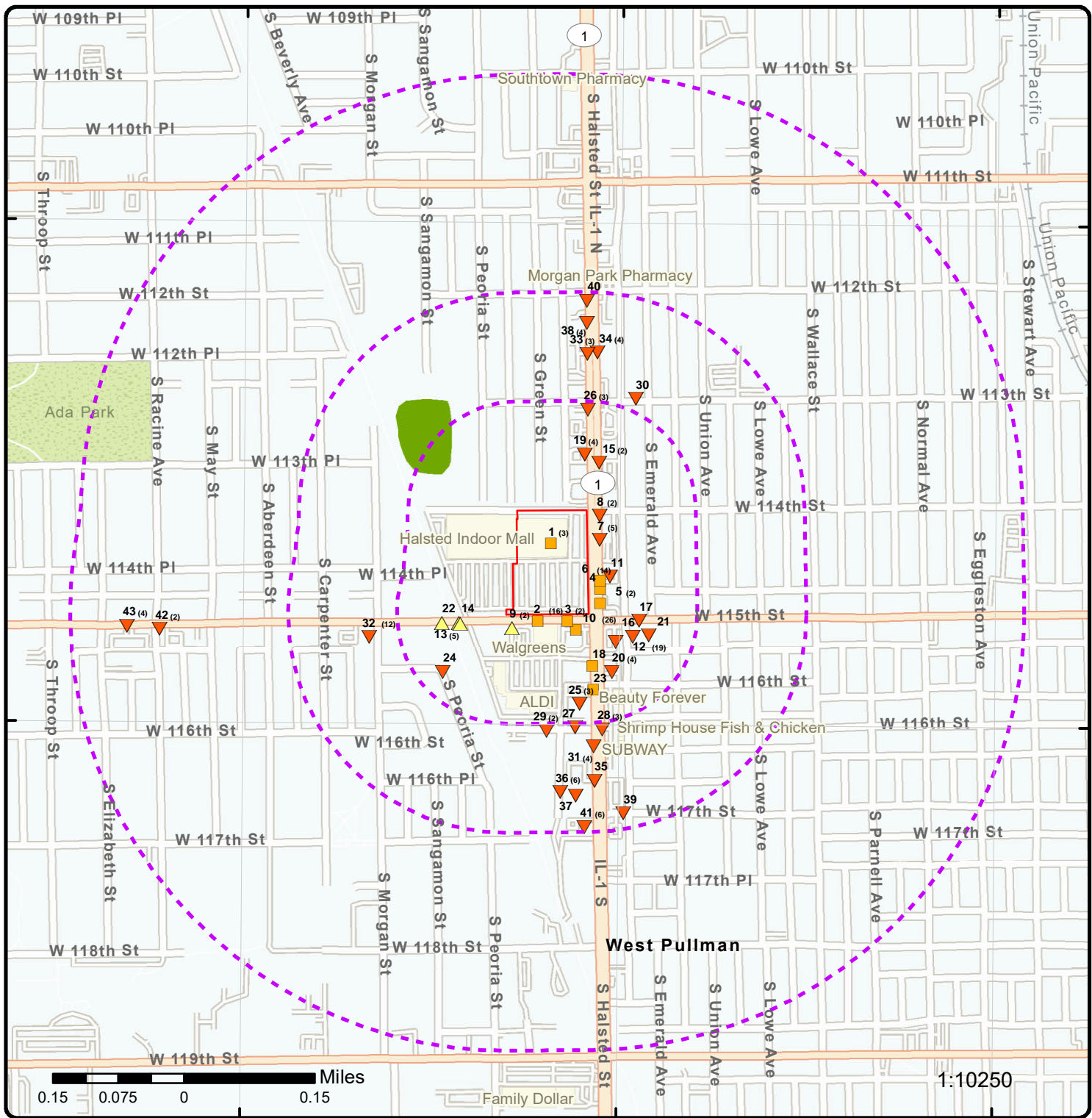


Map: 1.0 Mile Radius

Order Number: 23101300130
 Address: 11414 S Halsted St, Chicago, IL



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

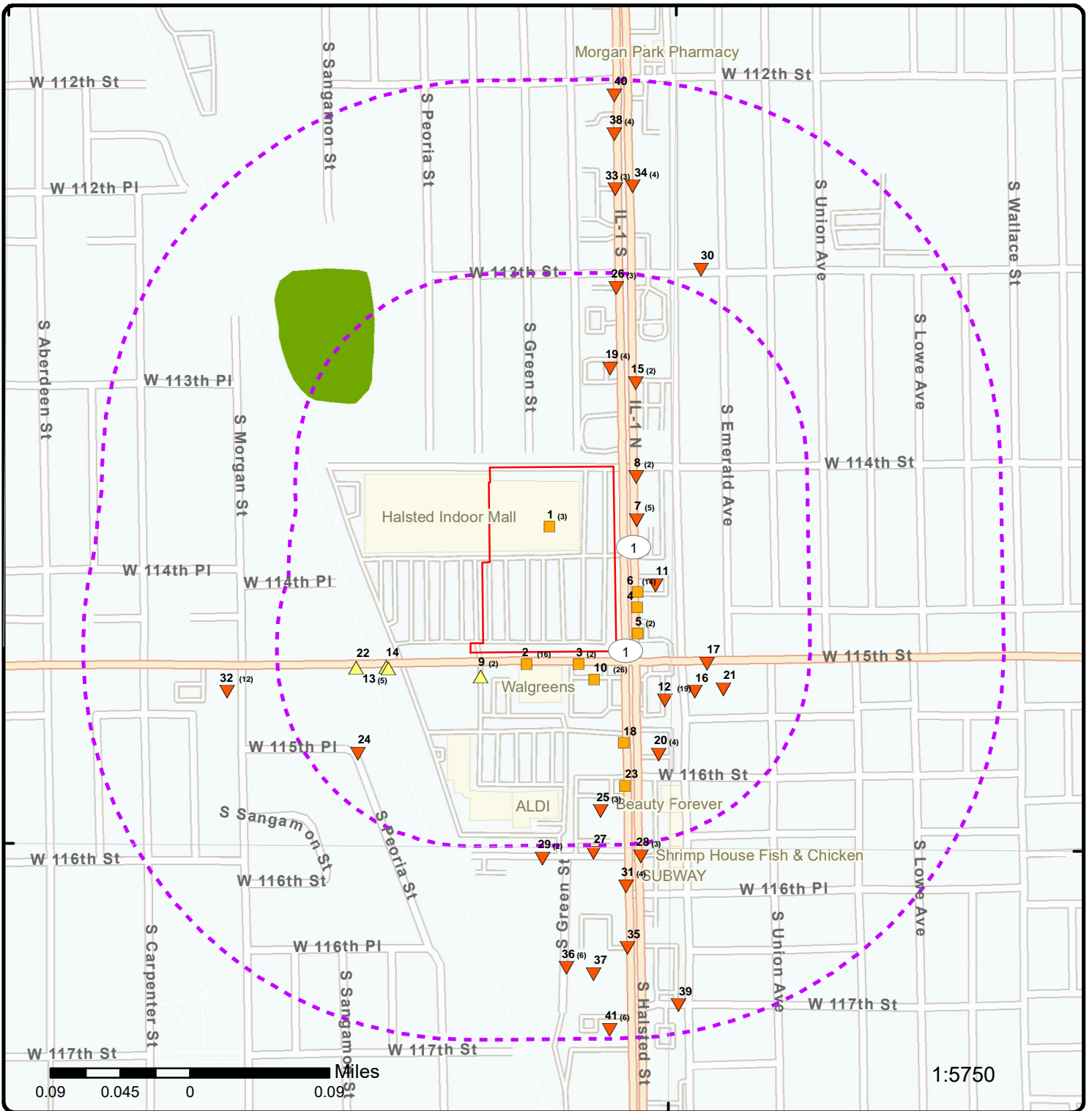


Map: 0.5 Mile Radius

Order Number: 23101300130
Address: 11414 S Halsted St, Chicago, IL



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

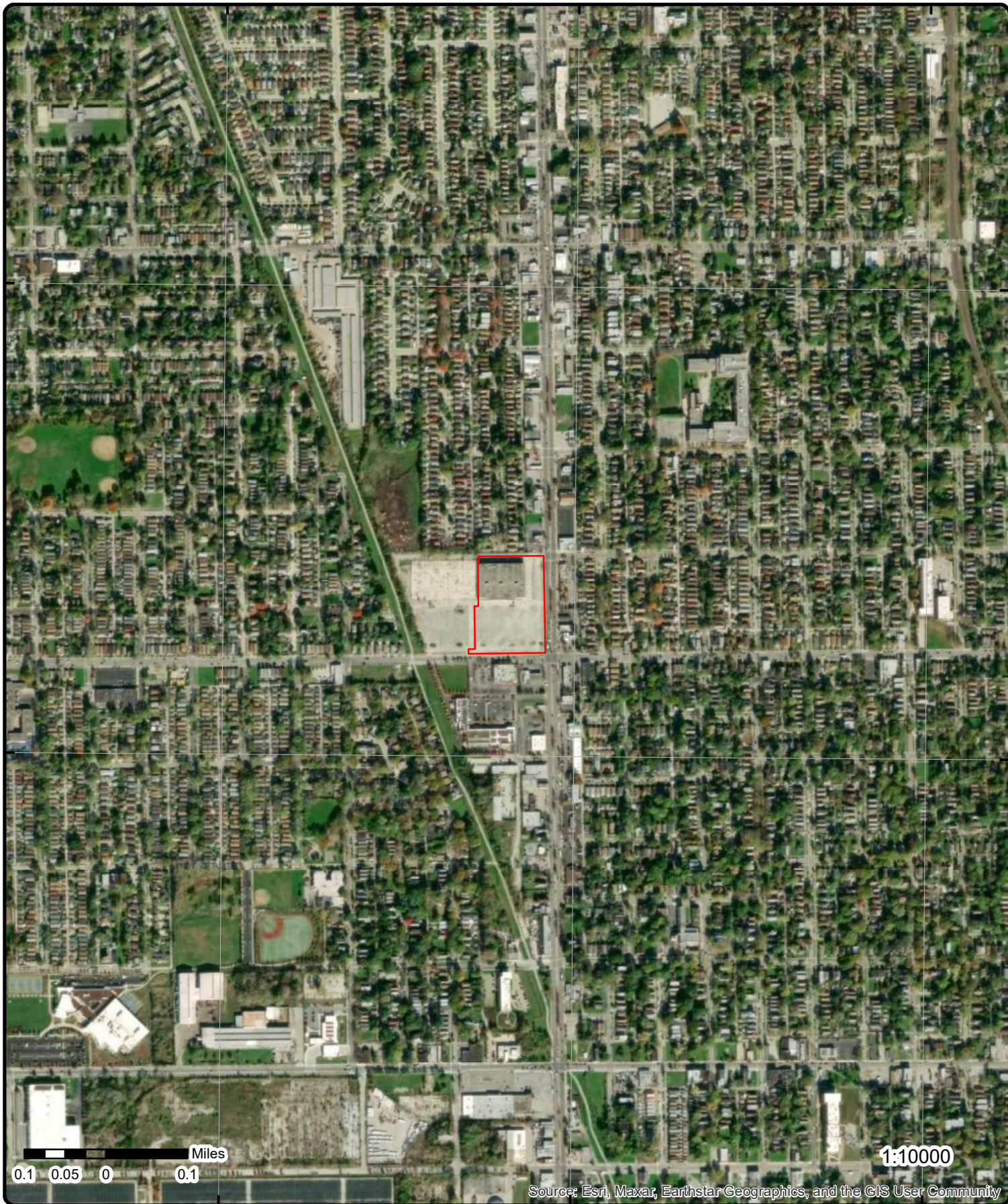


Map: 0.25 Mile Radius

Order Number: 23101300130
 Address: 11414 S Halsted St, Chicago, IL



- Project Property
- Buffer Outline
- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



Aerial Year: 2021

Address: 11414 S Halsted St, Chicago, IL

Source: ESRI World Imagery

Order Number: 23101300130



© ERIS Information Inc.

87°40'W

87°39'30"W

87°39'W

87°38'30"W

87°38'W

87°37'30"W

87°37'W

41°42'30"N

41°42'N

41°41'30"N

41°41'N

41°40'30"N

41°40'N

41°42'30"N

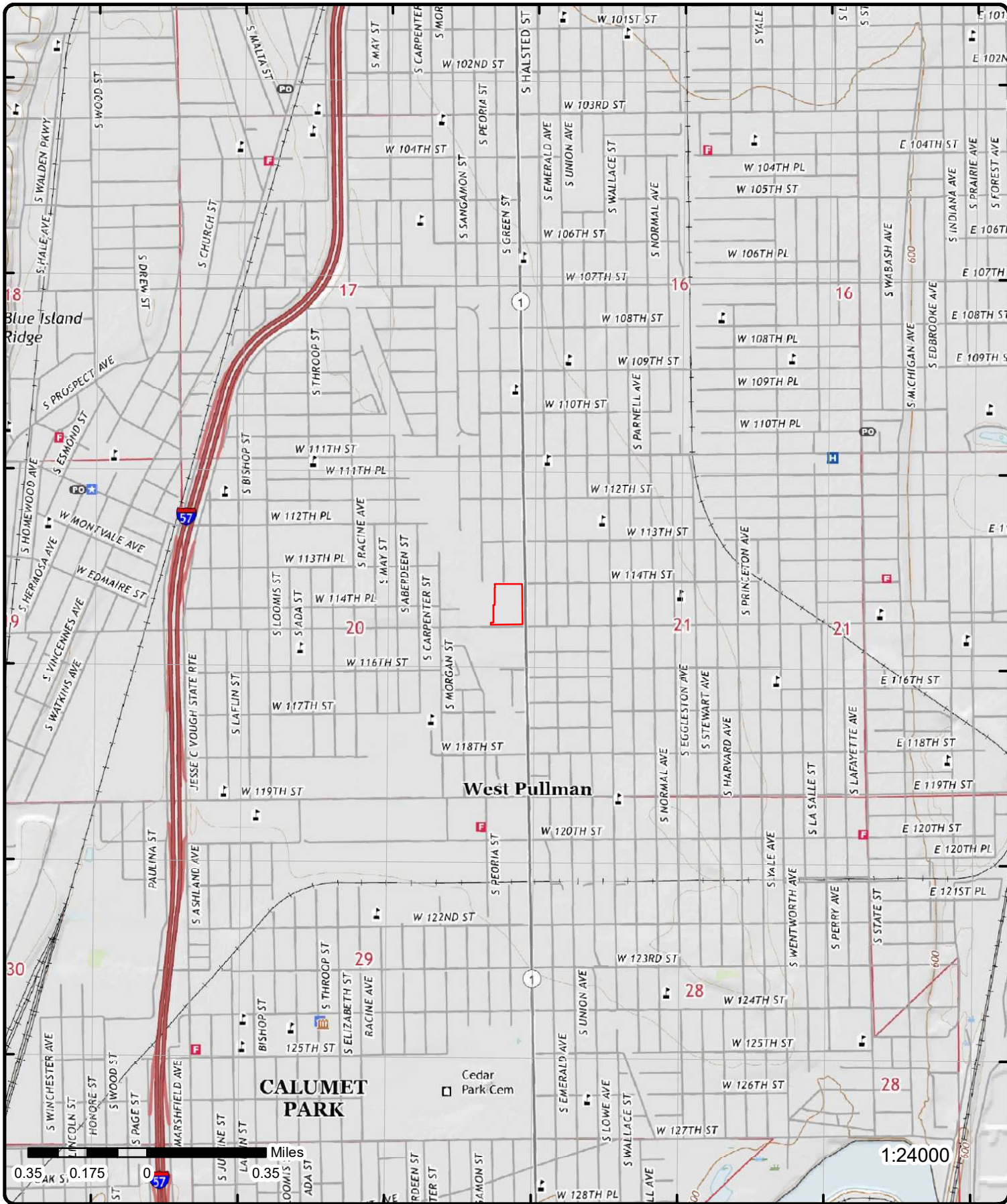
41°42'N

41°41'30"N

41°41'N

41°40'30"N

41°40'N



Topographic Map Year: 2021

Address: 11414 S Halsted St, IL

Quadrangle(s): Lake Calumet IL,IN, Blue Island IL

Source: USGS Topographic Map

Order Number: 23101300130



© ERIS Information Inc.

Detail Report

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------|-------------------|-----------|------------------|----------------|--|-----------|
| 1 | 1 of 3 | N | 0.00 / 0.00 | 618.45 / 0 | 11414 S HALSTED
11414 S HALSTED
CHICAGO IL 60631 | FINDS/FRS |

Registry ID: 110057033749
FIPS Code: 17031
HUC Code: 07120003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 24-FEB-14
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 170317506001004
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 41.686617
Longitude: -87.642263
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110057033749
Data Source: Facility Registry Service - Single File
Program Acronyms:

ACES:170002023307

| | | | | | | |
|-----------------------|---------|---|-------------|------------|---|------------|
| 1 | 2 of 3 | N | 0.00 / 0.00 | 618.45 / 0 | JEWEL FOOD STORES, INC.
#3089
11414 SOUTH HALSTED
CHICAGO IL 60628 | ICIS |
| EPA Region: | 05 | | | | Federal Fac ID: | |
| Registry ID: | | | | | Tribal Land Code: | |
| Pgm Sys ID: | 5415782 | | | | County: | |
| Pgm Sys Acrnm: | ICIS | | | | Latitude 83: | 41.686623 |
| Permit Type: | | | | | Longitude 83: | -87.642262 |

| | | | | | | |
|-------------------|--------|---|-------------|------------|--|------------------|
| 1 | 3 of 3 | N | 0.00 / 0.00 | 618.45 / 0 | Z TROY
11436 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|--------|---|-------------|------------|--|------------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Facility ID: 11436HA1952-10-28
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 11436 |
| Installation Date: | 10/28/1952 | Street No to: | 11436 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68579232095783 |
| Tank Construction: | | Longitude: | -87.64232165146724 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64232165146724 41.68579232095783) | | |
| Comment: | WORK BY: R. BORST; INSTALL 1-275 GAL FUEL OIL TANK FINAL 6/3/53 | | |

| | | | | | | |
|----------|---------|-----|--------------|------------|---|------|
| <u>2</u> | 1 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | Chicago Housing Authority
833 West 115th St.
Chicago IL 60643 | LUST |
|----------|---------|-----|--------------|------------|---|------|

| | | | |
|-------------------------------------|------------------------------|------------------------------|------------|
| Incident No: | 921830 | LPC No: | 0316755035 |
| Incidents ID: | 13453 | IEMA Date: | 07/07/1992 |
| NFR Date: | 11/01/2010 | Regulation: | 731 |
| Gasoline: | False | C 20 Day Report Date: | 11/03/1994 |
| Unleaded: | False | C 45 Day Report Date: | 11/22/1994 |
| Diesel: | False | NFR Recorded Date: | |
| Fuel Oil: | False | Pre 74 Date: | |
| Jet Fuel: | False | Proj Manager Phone: | |
| Used Oil: | True | Proj Mngr First Nm: | Dave |
| Non Petroleum Prod: | False | Proj Mngr Last Nm: | Myers |
| Other Petroleum: | False | Proj Manager Email: | |
| Non LUST Date: | | Site County: | Cook |
| Non LUST Letter Dt: | | | |
| Heating Oil Letter Date: | | | |
| Free Product Discovery Date: | | | |
| Primary Resp Party Name: | Chicago Housing Authority | | |
| Primary Resp Party Address: | 60 East VanBuren, 12th Floor | | |
| Primary Resp Party City: | Chicago | | |
| Primary Resp Party State: | IL | | |
| Primary Resp Party ZIP: | 60605 | | |
| Primary Resp Party Phone: | | | |
| Primary Resp Party Contact: | Scott Ammarell | | |

| | | | | | | |
|----------|---------|-----|--------------|------------|--|-----|
| <u>2</u> | 2 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | Chicago Housing Authority
833 West 115th Street
Chicago IL 60643 | SRP |
|----------|---------|-----|--------------|------------|--|-----|

| | | | |
|-------------------|--------------|-------------------|------------|
| I EPA ID: | 0316755035 | Longitude: | -87.643366 |
| US EPA ID: | ILD984839035 | Latitude: | 41.684433 |
| County: | Cook | | |

Site Applicant / Consultant Information

| | | | |
|----------------------------|----------------------------|-----------------------------|--------------------------|
| RA Title: | Mr. | Received SA Date: | 8/4/2004 |
| RA First Name: | Thomas | PM ID: | Barb Landers |
| RA Last Name: | Morabito | Foury Letter Date: | |
| RA Address1: | 600 West Jackson Boulevard | Active Site: | No |
| RA Address2: | Suite 720 | Consultant Address1: | 16650 South Canal Street |
| RA City: | Chicago, IL | Consultant Address2: | |
| RA Zip: | 60604 | Consultant City: | South Holland, IL |
| Consultant Contact: | Austin List | Consultant Zip: | 60473 |
| RA Company: | Preferred-Halsted LLC | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Consultant Company: Environmental Protection Industries, Inc.

Letter Information

| | | | |
|---------------------------------------|----------------------------|-----------------------------|-----|
| NFR Site Name: | Chicago Housing Authority | Indust Commercial: | Yes |
| NFR Letter Date: | 5/22/2018 | Worker Caution: | Yes |
| Effective: | True | Slab on Grade: | Yes |
| NFR Recorded Date: | 6/13/2018 | BCT: | No |
| Comp Focus: | Comprehensive | Inst Control Other: | No |
| RA First Name: | Thomas | Building Slab: | No |
| RA Last Name: | Morabito | Asphalt Used: | No |
| RA Company: | Preferred-Halsted LLC | Concrete Used: | No |
| RA Address1: | 600 West Jackson Boulevard | Clean Soil Three ft: | No |
| RA Address2: | Suite 720 | Clean Soil Ten ft: | No |
| RA City: | Chicago, IL | Alternate Barrier: | No |
| RA Zip: | 60604 | Other Barrier: | No |
| Acres: | 3.6910 | ELUC Other: | No |
| Ordinance: | Yes | | |
| ELUC Groundwater Use Restrict: | No | | |
| Groundwater Use Restriction: | No | | |
| Highway Authority Agreement: | No | | |
| Land Use: | Industrial/Commercial | | |

| | | | | | | |
|-------------------|---------|-----|--------------|------------|---|-----|
| 2 | 3 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | Cha Warehouse
833 W 115Th St Chicago, IL 60643
IL | UST |
|-------------------|---------|-----|--------------|------------|---|-----|

| | | | |
|------------------------------|---|-----------------------|---------------|
| Facility No: | 2026770 | Facility Type: | None |
| Facility Status: | Closed | Owner Type: | |
| Fac Details Status: | Closed | Owner Status: | Current Owner |
| Fac Type Fac Details: | None | County: | Cook |
| Owner Name: | Chicago Housing Authority | | |
| Facility URL: | http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2026770 | | |

Tank Information

| | | | |
|----------------------------|----------|----------------------------|----------|
| Tank No: | 1 | Capacity: | 550 |
| UI No: | | Petroleum Use: | |
| Status: | Removed | Product: | Used Oil |
| Removed Date: | 8/1/1991 | CERCLA Substance: | |
| Install Date: | | Current Age: | 11 |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | | Product Date: | |
| Red Tag Issue Date: | | Fee Due: | \$0.00 |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 2/6/1991 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0002876 | Owner Status: | Current Owner |
| Owner Name: | Chicago Housing Authority | Purchase Date: | |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2026770 | | |

Owner Details

| | | | |
|-----------------------|---|-----------------------------|--|
| Owner Name: | Chicago Housing Authority | Type Financial Resp: | |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | |
| Purchase Date: | | | |
| Owner Address: | 60 East Van Buren, 13th Floor Chicago, IL 60605 | | |

Facility Details

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---|-------------------|-----------|--|----------------|---|----|
| MFD Forms Status:
MFD Permit Issue Dt:
MFD Permit Exp Dt:
Property Parcel:
Pending Nov:
Permit History Link: | | No | Green Tag Decal:
Green Tag Issue Date:
Green Tag Exp Date:
Motor Fuel Type: | | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2026770 | |

| | | | | | | |
|-------------------|---------|-----|--------------|------------|---|-----------|
| 2 | 4 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHICAGO HOSUING AUTHORITY
833 W 115TH ST
CHICAGO IL 60643 | FINDS/FRS |
|-------------------|---------|-----|--------------|------------|---|-----------|

Registry ID: 110005898662
FIPS Code: 17031
HUC Code: 07120003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 02-DEC-14
Interest Types: STATE MASTER, UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 170317506001004
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 41.68507
Longitude: -87.64345
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110005898662
Data Source: Facility Registry Service - Single File
Program Acronyms:

ACES:170000282548, RCRAINFO:ILD984839035

| | | | | | | |
|-------------------|---------|-----|--------------|------------|---|--------|
| 2 | 5 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHICAGO HOUSING AUTHORITY
833 W. 115TH ST.
CHICAGO IL | SPILLS |
|-------------------|---------|-----|--------------|------------|---|--------|

Incident No: 921830
Date/Time Occurred:
Media Release:
Facility Manager:
Fac Manager Phone:
Responsible Party Street: 22 W. MADISON ST., RM 235, CHICAGO, IL 60602
Area Involved: FIXED FACILITY
Milepost:
Section:
Township:
Range:

County: COOK
Latitude:
Longitude:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Hazardous Materials Incident Report

Incident Report Dt: 7/7/1992 3:45:00 PM **County:** COOK
Data Input Status: CLOSED **Entered by:**
LUST?: **Date Entered:**
Hazmat Incident Type: LEAK
Caller: EVON PARKS
Caller Represents: CHICAGO HOUSING AUTHORITY
Street Address: 833 W. 115TH ST.
City: CHICAGO
URL: https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=921830
Narrative:

Follow Up Information:

Materials Involved

Name: OIL
Type: UNKNOWN
CHRIS CODE:
CAS No:
UN/NA No:
Container Type: UNDERGROUND TANK
Container Size: UNDERGROUND TANK
Amount Released:
Rate of Release Min:
Duration of Release:
Cause of Release: OVERFILLS
Est Spill Extent:
Spill Extent Units:
Date/Time Inc Occur:
Unknown Occurr:
Date/Time Discov: 11/1/1991
Unknown Discovered:
Where Taken:
On Scene Contact:
No of People Evacuat:
A 302(a) Extremely Haz Sub?:
A RCRA Hazardous Waste?:
A RCRA Regulated Facility?:
Public Health Risks:
State Agency Assistance:
Containment/Cleanup Plans:

| | | | | | | |
|----------|---------|-----|--------------|------------|--|-----------|
| <u>2</u> | 6 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHICAGO HOUSING AUTHORITY
833 W 115TH ST
CHICAGO IL 60643-4618 | FINDS/FRS |
|----------|---------|-----|--------------|------------|--|-----------|

Registry ID: 110068125601
FIPS Code:
HUC Code: 07120003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 02-JUN-16
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|--|------------------|----------------|------|----|
| Congressional Dist No: | | 02 | | | | |
| Census Block Code: | | 170317506001004 | | | | |
| EPA Region Code: | | 05 | | | | |
| County Name: | | COOK COUNTY | | | | |
| US/Mexico Border Ind: | | | | | | |
| Latitude: | | 41.68507 | | | | |
| Longitude: | | -87.64362 | | | | |
| Reference Point: | | ENTRANCE POINT OF A FACILITY OR STATION | | | | |
| Coord Collection Method: | | ADDRESS MATCHING-HOUSE NUMBER | | | | |
| Accuracy Value: | | 50 | | | | |
| Datum: | | NAD83 | | | | |
| Source: | | | | | | |
| Facility Detail Rprt URL: | | https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110068125601 | | | | |
| Data Source: | | Facility Registry Service - Single File | | | | |
| Program Acronyms: | | | | | | |
| MN-TEMPO:33621 | | | | | | |

| <u>2</u> | 7 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHICAGO HOUSING DEVELOPMENTS
833 W 115TH ST
CHICAGO IL 60643 | PCB |
|---------------------------|---------|---------------------------|--------------|------------|--|-----|
| Site ID: | | ILD984839035 | | | | |
| Receive Date: | | | | | | |
| Generator: | | Yes | | | | |
| Storer: | | No | | | | |
| Transporter: | | No | | | | |
| Disposer: | | No | | | | |
| Research: | | No | | | | |
| Smelter: | | No | | | | |
| Owner Name: | | CHICAGO HOUSING AUTHORITY | | | | |
| Mail Address 1: | | 833 W 115TH ST | | | | |
| Mail Address 2: | | | | | | |
| Mail Street No: | | | | | | |
| Mail City: | | CHICAGO | | | | |
| Mail State: | | IL | | | | |
| Mail Zip: | | 60643 | | | | |
| Mail Country: | | US | | | | |
| Contact Name: | | MICHAEL ROWDER | | | | |
| Contact Title: | | | | | | |
| Contact Phone: | | 312-567-7775 | | | | |
| Contact Phone Ext: | | | | | | |
| Contact Email: | | | | | | |
| Cert Title: | | | | | | |
| Cert Date: | | 6/7/1994 12:00:00 AM | | | | |
| Cert Name: | | | | | | |
| State Name: | | ILLINOIS | | | | |
| Region: | | 05 | | | | |
| GIS Data Origin: | | Auto-Geocoded | | | | |
| Latitude: | | 41.685039 | | | | |
| Longitude: | | -87.643287 | | | | |

| <u>2</u> | 8 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHA WAREHOUSE
833 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|---------------------------|---------|----------------------------------|--------------|------------|---|------------------|
| Facility ID: | | 2026770 | | | | |
| Owner: | | See Environmental Permit Dataset | | | | |
| Data Source(s): | | DEPT. OF PUBLIC HEALTH | | | | |
| Detail(s) | | | | | | |
| Tank ID: | | 0001 | | | | |
| Installation Date: | | | | | | |
| Removal Date: | | | | | | |
| Last Used Date: | | | | | | |
| Tank Type: | | UNDERGROUND STORAGE TANK | | | | |
| Tank Material: | | | | | | |
| Tank Construction: | | | | | | |
| Tank Product: | | USED OIL | | | | |
| Street No from: | | 833 | | | | |
| Street No to: | | 833 | | | | |
| Street Name: | | 115TH | | | | |
| Street Type: | | ST | | | | |
| Direction: | | W | | | | |
| Latitude: | | 41.68495485680182 | | | | |
| Longitude: | | -87.64347112488747 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------|-------------------|--|------------------|----------------|------|----|
| Tank Capacity: | | 550 | | | | |
| Location: | | POINT (-87.64347112488747 41.68495485680182) | | | | |
| Comment: | | | | | | |

| | | | | | | |
|-------------------|---------|-----|--------------|------------|---|------------------|
| 2 | 9 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHICAGO HOUSING AUTHORITY
833 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|---------|-----|--------------|------------|---|------------------|

Facility ID: 833W1151991-08-01
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 833 |
| Installation Date: | 08/01/1991 | Street No to: | 833 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.68495485680182 |
| Tank Construction: | | Longitude: | -87.64347112488747 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64347112488747 41.68495485680182) | | |
| Comment: | WORK BY: R. W. COLLINS; REMOVE 1-550G W.O. TANK | | |

| | | | | | | |
|-------------------|----------|-----|--------------|------------|---|------------------|
| 2 | 10 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHICAGO HOUSING AUTHORITY
833 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|----------|-----|--------------|------------|---|------------------|

Facility ID: 833W1151986-11-23
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | | Street No from: | 833 |
| Installation Date: | 11/23/1986 | Street No to: | 833 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.68495485680182 |
| Tank Construction: | | Longitude: | -87.64347112488747 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64347112488747 41.68495485680182) | | |
| Comment: | WORK BY: STRIKE FORCE PLUMBING & HTG; INSTALL 1-550G STIP-3 W.O. STEEL | | |

| | | | | | | |
|-------------------|----------|-----|--------------|------------|--|--------------------|
| 2 | 11 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | WALGREENS #09357
833 W 115TH ST
IL | PERMITS
CHICAGO |
|-------------------|----------|-----|--------------|------------|--|--------------------|

Application ID: ENVAIR582809 **Application Type:** AIR POLLUTION CONTROL PERMIT
Issue or Entry Date: 01/25/2016 **Application Subtype:** GENERAL POLLUTION PREVENTION(P2)

CDPH Environmental Permit Details

| | | | |
|-------------------------|----------------------------|----------------------|-------|
| Status: | CLOSED | Street No to: | |
| Applicant: | WALGREEN CO | Direction: | W |
| Expiration Date: | | Street Name: | 115TH |
| Data Source: | DEPT. OF PUBLIC HEALTH | Street Type: | ST |
| Street No from: | 833 | | |
| Location: | POINT (-87.64332 41.68507) | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Comment:

RETAIL DRUG STORE [EQUIP ID: , QUANTITY: 1, DESCRIPTION: 074 - COMPACTOR, NOTE:]**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|----------|----------|-----|--------------|------------|--|-----|
| <u>2</u> | 12 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | Chicago Housing Authority
833 West 115th Street
Chicago IL 60643 | ENG |
|----------|----------|-----|--------------|------------|--|-----|

| | | | |
|-------------------|--------------|-------------------|------------|
| I EPA ID: | 0316755035 | Longitude: | -87.643366 |
| US EPA ID: | ILD984839035 | Latitude: | 41.684433 |
| County: | Cook | | |

Site Applicant / Consultant Information

| | | | |
|----------------------------|---|-----------------------------|--------------------------|
| Active Site: | No | Consultant Contact: | Austin List |
| RA Title: | Mr. | Consultant Address1: | 16650 South Canal Street |
| RA First Name: | Thomas | Consultant Address2: | |
| RA Last Name: | Morabito | Consultant City: | South Holland, IL |
| RA Address1: | 600 West Jackson Boulevard | Consultant Zip: | 60473 |
| RA Address2: | Suite 720 | PM ID: | Barb Landers |
| RA City: | Chicago, IL | Received SA Date: | 8/4/2004 |
| RA Zip: | 60604 | Four Letter Date: | |
| RA Company: | Preferred-Halsted LLC | | |
| Consultant Company: | Environmental Protection Industries, Inc. | | |

Letters Information

| | | | |
|---------------------------------------|----------------------------|-----------------------------|-----|
| NFR Site Name: | Chicago Housing Authority | Indust Commercial: | Yes |
| NFR Letter Date: | 5/22/2018 | Worker Caution: | Yes |
| Effective: | True | Slab on Grade: | Yes |
| NFR Recorded Date: | 6/13/2018 | BCT: | No |
| Comp Focus: | Comprehensive | Inst Control Other: | No |
| RA First Name: | Thomas | Building Slab: | No |
| RA Last Name: | Morabito | Asphalt Used: | No |
| RA Company: | Preferred-Halsted LLC | Concrete Used: | No |
| RA Address1: | 600 West Jackson Boulevard | Clean Soil Three ft: | No |
| RA Address2: | Suite 720 | Clean Soil Ten ft: | No |
| RA City: | Chicago, IL | Alternate Barrier: | No |
| RA Zip: | 60604 | Other Barrier: | No |
| Acres: | 3.6910 | ELUC Other: | No |
| Ordinance: | Yes | | |
| ELUC Groundwater Use Restrict: | No | | |
| Groundwater Use Restriction: | No | | |
| Highway Authority Agreement: | No | | |
| Land Use: | Industrial/Commercial | | |

| | | | | | | |
|----------|----------|-----|--------------|------------|--|------|
| <u>2</u> | 13 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | Chicago Housing Authority
833 West 115th Street
Chicago IL 60643 | INST |
|----------|----------|-----|--------------|------------|--|------|

| | | | |
|-------------------|--------------|-------------------|------------|
| I EPA ID: | 0316755035 | Longitude: | -87.643366 |
| US EPA ID: | ILD984839035 | Latitude: | 41.684433 |
| County: | Cook | | |

Site Applicant / Consultant Information

| | | | |
|-----------------------|----------------------------|-----------------------------|--------------------------|
| RA Title: | Mr. | Received SA Date: | 8/4/2004 |
| RA First Name: | Thomas | PM ID: | Barb Landers |
| RA Last Name: | Morabito | Four Letter Date: | |
| RA Company: | Preferred-Halsted LLC | Active Site: | No |
| RA Address1: | 600 West Jackson Boulevard | Consultant Address1: | 16650 South Canal Street |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------|---|-----------|------------------|----------------|-----------------------------|-------------------|
| RA Address2: | Suite 720 | | | | Consultant Address2: | |
| RA City: | Chicago, IL | | | | Consultant City: | South Holland, IL |
| RA Zip: | 60604 | | | | Consultant Zip: | 60473 |
| Consultant Contact: | Austin List | | | | | |
| Consultant Company: | Environmental Protection Industries, Inc. | | | | | |

Letters Information

| | | | |
|---------------------------------------|----------------------------|-----------------------------|-----|
| NFR Site Name: | Chicago Housing Authority | Indust Commercial: | Yes |
| NFR Letter Date: | 5/22/2018 | Worker Caution: | Yes |
| Effective: | True | Slab on Grade: | Yes |
| NFR Recorded Date: | 6/13/2018 | BCT: | No |
| Comp Focus: | Comprehensive | Inst Control Other: | No |
| RA First Name: | Thomas | Building Slab: | No |
| RA Last Name: | Morabito | Asphalt Used: | No |
| RA Company: | Preferred-Halsted LLC | Concrete Used: | No |
| RA Address1: | 600 West Jackson Boulevard | Clean Soil Three ft: | No |
| RA Address2: | Suite 720 | Clean Soil Ten ft: | No |
| RA City: | Chicago, IL | Alternate Barrier: | No |
| RA Zip: | 60604 | Other Barrier: | No |
| Acres: | 3.6910 | ELUC Other: | No |
| Ordinance: | Yes | | |
| ELUC Groundwater Use Restrict: | No | | |
| Groundwater Use Restriction: | No | | |
| Highway Authority Agreement: | No | | |
| Land Use: | Industrial/Commercial | | |

2 14 of 16 **SSW** 0.01 / 40.69 618.78 / 0 **Chicago Housing Authority**
833 W 115th St
Chicago IL 60643 **LUST DOCUMENT**

| | | | |
|----------------------------|---|----------------------------|--------------------|
| Site ID: | 170000282548 | Originating Bureau: | Bureau of Land |
| System ID: | 0316755035 | City (Doc Search): | Chicago |
| Program ID: | 0316755035 | State (Doc Search): | IL |
| Interest Type: | LUST | Zip (Doc Search): | 60643 |
| Media Code: | LAND | City (Geo Search): | Chicago |
| Category: | Leaking UST Technical | State (Geo Search): | IL |
| Document Indicator: | Yes | Zip (Geo Search): | 60643 |
| Document Count: | 11 | Latitude: | 41.68503 |
| Total Pages: | 142 | Longitude: | -87.64299 |
| Revision Date Time: | 06/30/2003 | X: | -87.64298999999994 |
| Collection Date: | 01/01/2001 | Y: | 41.685030000000004 |
| Name (Doc Search): | Chicago Housing Authority - 170000282548 | | |
| Addr (Doc Search): | 833 W 115th St | | |
| Name (Geo Search): | Chicago Housing Authority | | |
| Addr (Geo Search): | 833 W 115th St | | |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmtpY1xuUHdkPU4xbWRhJHRyYXRvcIBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMDI4MjU0OCIGQU5EIFtDQVRFR09SWV09JjlxQSI1 IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search | | |
| Data Source: | Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | |

2 15 of 16 **SSW** 0.01 / 40.69 618.78 / 0 **Chicago Housing Authority**
833 W 115th St
Chicago IL 60643 **REM ASSESS**

| | |
|----------------------------|--|
| Name (SWAP): | Chicago Housing Authority |
| Address (SWAP): | 833 W 115th St |
| City (SWAP): | Chicago |
| State (SWAP): | IL |
| Postal Code (SWAP): | 60643 |
| Name (Doc Expl): | Chicago Housing Authority - 170000282548 |
| Address (Doc Expl): | 833 W 115th St |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

City (Doc Expl): Chicago
State (Doc Expl): IL
Zip (Doc Expl): 60643
Data Source(s): IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be search on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

IEPA Document Explorer

| | | | |
|----------------------|---|----------------------------|----------------|
| Site ID: | 170000282548 | Originating Bureau: | Bureau of Land |
| Program ID: | 0316755035 | Document Count: | 26 |
| Category: | Site Remediation - Technical | Total Pages: | 3265 |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvcIBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W01FUEFJRF09IjE3MDAwMDI4MjU0OCIgQU5EIFtDQVRFR09SWV09IjMxQSI1 | | |

IEPA Docuware (SWAP)

| | | | |
|----------------------------|--------------|----------------------------|--------------------|
| Site ID: | 170000282548 | Document Indicator: | Yes |
| System ID: | 0316755035 | Latitude: | 41.684433 |
| Interest Type: | BOL | Longitude: | -87.643366 |
| Media Code: | LAND | X: | -87.64336599999996 |
| Collection Date: | 01/31/2012 | Y: | 41.68443300000007 |
| Revision Date/Time: | 06/30/2003 | | |

IEPA Docuware (SWAP)

| | | | |
|----------------------------|--------------|----------------------------|--------------------|
| Site ID: | 170000282548 | Document Indicator: | Yes |
| System ID: | 0316755035 | Latitude: | 41.68443 |
| Interest Type: | VSRU | Longitude: | -87.64337 |
| Media Code: | LAND | X: | -87.64336999999995 |
| Collection Date: | 06/25/2004 | Y: | 41.68443000000008 |
| Revision Date/Time: | 06/30/2003 | | |

| | | | | | | |
|----------|----------|-----|--------------|------------|---|-----------------|
| <u>2</u> | 16 of 16 | SSW | 0.01 / 40.69 | 618.78 / 0 | CHICAGO HOSUING AUTHORITY
833 W 115TH ST
CHICAGO IL 60643 | RCRA
NON GEN |
|----------|----------|-----|--------------|------------|---|-----------------|

EPA Handler ID: ILD984839035
Gen Status Universe: No Report
Contact Name:
Contact Address:
Contact Phone No and Ext:
Contact Email:
Contact Country:
County Name: COOK
EPA Region: 05
Land Type: Municipal
Receive Date: 20191213
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No
 Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19911007
 Handler Name: CHICAGO HOSUING AUTHORITY
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20191213
 Handler Name: CHICAGO HOSUING AUTHORITY
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

| | | | |
|-----------------------------|---------------------------|-------------------|----------------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Municipal | Street 1: | 22 W MADISON STE 400 |
| Name: | CHICAGO HOUSING AUTHORITY | Street 2: | |
| Date Became Current: | | City: | CHICAGO |
| Date Ended Current: | | State: | IL |
| Phone: | 312-791-8444 | Country: | |
| Source Type: | Notification | Zip Code: | 60602 |

Historical Handler Details

Receive Dt: 19911007
 Generator Code Description: Small Quantity Generator
 Handler Name: CHICAGO HOSUING AUTHORITY

| | | | | | | |
|----------|--------|-----|--------------|------------|---|------------------|
| <u>3</u> | 1 of 2 | SSE | 0.01 / 42.33 | 618.45 / 0 | WALGREENS
809 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|----------|--------|-----|--------------|------------|---|------------------|

Facility ID: 809W115
 Owner: See Environmental Permit Dataset
 Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank ID: 0001 **Street No from:** 809
Installation Date: 02/09/1979 **Street No to:** 809
Removal Date: **Street Name:** 115TH
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** W
Tank Material: **Latitude:** 41.684966354253405
Tank Construction: **Longitude:** -87.64257347106351
Tank Product: FUEL OIL
Tank Capacity: 10000
Location: POINT (-87.64257347106351 41.684966354253405)
Comment:

Tank ID: 0002 **Street No from:** 809
Installation Date: 02/09/1979 **Street No to:** 809
Removal Date: **Street Name:** 115TH
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** W
Tank Material: **Latitude:** 41.684966354253405
Tank Construction: **Longitude:** -87.64257347106351
Tank Product: FUEL OIL
Tank Capacity: 10000
Location: POINT (-87.64257347106351 41.684966354253405)
Comment:

Tank ID: 0003 **Street No from:** 809
Installation Date: 02/09/1979 **Street No to:** 809
Removal Date: **Street Name:** 115TH
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** W
Tank Material: **Latitude:** 41.684966354253405
Tank Construction: **Longitude:** -87.64257347106351
Tank Product: FUEL OIL
Tank Capacity: 10000
Location: POINT (-87.64257347106351 41.684966354253405)
Comment:

| | | | | | | |
|----------|--------|-----|--------------|------------|--|------------------|
| <u>3</u> | 2 of 2 | SSE | 0.01 / 42.33 | 618.45 / 0 | STANDARD OIL
809 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|----------|--------|-----|--------------|------------|--|------------------|

Facility ID: 809W1151979-02-09
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID: **Street No from:** 809
Installation Date: 02/09/1979 **Street No to:** 809
Removal Date: **Street Name:** 115TH
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** W
Tank Material: **Latitude:** 41.684966354253405
Tank Construction: **Longitude:** -87.64257347106351
Tank Product:
Tank Capacity:
Location: POINT (-87.64257347106351 41.684966354253405)
Comment: WORK BY: SHEFFIELD TANK; INSTALL 3-10K F.O.

| | | | | | | |
|----------|--------|-----|--------------|------------|--|--------------------|
| <u>4</u> | 1 of 1 | ESE | 0.01 / 73.39 | 618.13 / 0 | SHIRLEY POWELL
11443 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|----------|--------|-----|--------------|------------|--|--------------------|

Application ID: DOEAIR3892 **Application Type:** AIR POLLUTION CONTROL PERMIT
Issue or Entry Date: 08/06/1997 **Application Subtype:** EQUIPMENT INSTALLATION

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

CDPH Environmental Permit Details

| | | | |
|-------------------------|-------------------------------|----------------------|---------|
| Status: | CLOSED | Street No to: | |
| Applicant: | | Direction: | S |
| Expiration Date: | 02/02/1998 | Street Name: | HALSTED |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | Street Type: | ST |
| Street No from: | 11443 | | |
| Location: | POINT (-87.64174 41.68571) | | |
| Comment: | | | |

QTY: 1.0 NEW FURNACE - CARRIER #58PAV155-120 MAX.BTU 155,000 ,QTY: 1.0 NEW FURNACE - STATE #SBT75-75NE**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|-------------------|--------|-----|--------------|------------|--|--------------------|
| 5 | 1 of 2 | ESE | 0.01 / 73.98 | 618.13 / 0 | INTER. DOUBLE DRIVE THRU
11449 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|-------------------|--------|-----|--------------|------------|--|--------------------|

| | | | |
|-----------------------------|------------|-----------------------------|------------------------------|
| Application ID: | DOEAIR276 | Application Type: | AIR POLLUTION CONTROL PERMIT |
| Issue or Entry Date: | 05/13/1994 | Application Subtype: | EQUIPMENT INSTALLATION |

CDPH Environmental Permit Details

| | | | |
|-------------------------|-------------------------------|----------------------|---------|
| Status: | CLOSED | Street No to: | |
| Applicant: | | Direction: | S |
| Expiration Date: | 11/09/1994 | Street Name: | HALSTED |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | Street Type: | ST |
| Street No from: | 11449 | | |
| Location: | POINT (-87.64177 41.68529) | | |
| Comment: | | | |

QTY: 1.0 U.V. & GAS DRYER- SILK SCREENING AMERICAN 72 EGE 10'X7'4X1'3***Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|-------------------|--------|-----|--------------|------------|---|--------------------|
| 5 | 2 of 2 | ESE | 0.01 / 73.98 | 618.13 / 0 | RIMOND JAMOUC
11449 S HALSTED ST
IL | PERMITS
CHICAGO |
|-------------------|--------|-----|--------------|------------|---|--------------------|

| | | | |
|-----------------------------|--------------|-----------------------------|---------------------------------|
| Application ID: | ENVAIR134243 | Application Type: | AIR POLLUTION CONTROL PERMIT |
| Issue or Entry Date: | 08/28/2013 | Application Subtype: | GENERAL POLUTION PREVENTION(P2) |

CDPH Environmental Permit Details

| | | | |
|-------------------------|----------------------------|----------------------|---------|
| Status: | OPEN | Street No to: | |
| Applicant: | RIMOND JAMOUC | Direction: | S |
| Expiration Date: | | Street Name: | HALSTED |
| Data Source: | DEPT. OF PUBLIC HEALTH | Street Type: | ST |
| Street No from: | 11449 | | |
| Location: | POINT (-87.64177 41.68529) | | |
| Comment: | | | |

[EQUIP ID: , QUANTITY: 1, DESCRIPTION: 080A - FURNACE, OUTPUT LESS THAN 288,000 BTU/HR, NOTE:],[EQUIP ID: , QUANTITY: 1, DESCRIPTION: 080A - FURNACE, OUTPUT LESS THAN 288,000 BTU/HR, NOTE:],[EQUIP ID: , QUANTITY: 1, DESCRIPTION: 080A - FURNACE, OUTPUT LESS THAN 288,000 BTU/HR, NOTE:],[EQUIP ID: 01-00, QUANTITY: 1, DESCRIPTION: 137 - EXHAUST HOOD FILTERED, NOTE:]
 **Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|-------------------|---------|-----|--------------|------------|--|------|
| 6 | 1 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | First Cook Comm. Bank
11453 South Halsted St.
Chicago IL 60643 | LUST |
|-------------------|---------|-----|--------------|------------|--|------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | | | | |
|-------------------------------------|------------|-----------------------|--|--|------------------------------|------------|
| Incident No: | 920332 | | | | LPC No: | 0316755040 |
| Incidents ID: | 12437 | | | | IEMA Date: | 02/05/1992 |
| NFR Date: | 08/18/1992 | | | | Regulation: | 731 |
| Gasoline: | True | | | | C 20 Day Report Date: | 05/12/1992 |
| Unleaded: | False | | | | C 45 Day Report Date: | 05/22/1992 |
| Diesel: | False | | | | NFR Recorded Date: | |
| Fuel Oil: | False | | | | Pre 74 Date: | |
| Jet Fuel: | False | | | | Proj Manager Phone: | |
| Used Oil: | False | | | | Proj Mngr First Nm: | |
| Non Petroleum Prod: | False | | | | Proj Mngr Last Nm: | Nickell |
| Other Petroleum: | False | | | | Proj Manager Email: | |
| Non LUST Date: | | | | | Site County: | Cook |
| Non LUST Letter Dt: | | | | | | |
| Heating Oil Letter Date: | | | | | | |
| Free Product Discovery Date: | | | | | | |
| Primary Resp Party Name: | | First Cook Comm. Bank | | | | |
| Primary Resp Party Address: | | 2720 West Devon Ave. | | | | |
| Primary Resp Party City: | | Chicago | | | | |
| Primary Resp Party State: | | IL | | | | |
| Primary Resp Party ZIP: | | 60659 | | | | |
| Primary Resp Party Phone: | | | | | | |
| Primary Resp Party Contact: | | Adam Epstein | | | | |

| | | | | | | |
|----------|---------|-----|--------------|------------|--|-----|
| <u>6</u> | 2 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | Former Quality Muffler Shop
11453 S Halsted St Chicago, IL
60643
IL | UST |
|----------|---------|-----|--------------|------------|--|-----|

| | | | | | | |
|------------------------------|---------|--|--|--|-----------------------|---------------|
| Facility No: | 2029904 | | | | Facility Type: | None |
| Facility Status: | Closed | | | | Owner Type: | |
| Fac Details Status: | Closed | | | | Owner Status: | Current Owner |
| Fac Type Fac Details: | None | | | | County: | Cook |
| Owner Name: | | 1St Cook Comm Bk Fsb | | | | |
| Facility URL: | | http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2029904 | | | | |

Tank Information

| | | | | | | |
|----------------------------|----------|--|--|--|----------------------------|----------|
| Tank No: | 4 | | | | Capacity: | 2000 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Gasoline |
| Removed Date: | 4/9/1992 | | | | CERCLA Substance: | |
| Install Date: | | | | | Current Age: | 44 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 1/1/1989 | | | | Product Date: | |
| Red Tag Issue Date: | | | | | Fee Due: | |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 5/4/1992 | | | | | |

Tank Information

| | | | | | | |
|----------------------------|-----------|--|--|--|----------------------------|----------|
| Tank No: | 3 | | | | Capacity: | 6000 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Gasoline |
| Removed Date: | 3/26/1992 | | | | CERCLA Substance: | |
| Install Date: | | | | | Current Age: | 27 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 1/1/1989 | | | | Product Date: | |
| Red Tag Issue Date: | | | | | Fee Due: | |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 5/4/1992 | | | | | |

Tank Information

| | | | | | | |
|-----------------|---|--|--|--|------------------|------|
| Tank No: | 5 | | | | Capacity: | 1000 |
|-----------------|---|--|--|--|------------------|------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | | | | |
|----------------------------|----------|--|--|--|----------------------------|----------|
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Gasoline |
| Removed Date: | 4/9/1992 | | | | CERCLA Substance: | |
| Install Date: | | | | | Current Age: | 44 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 1/1/1989 | | | | Product Date: | |
| Red Tag Issue Date: | | | | | Fee Due: | |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 5/4/1992 | | | | | |

Tank Information

| | | | | | | |
|----------------------------|----------|--|--|--|----------------------------|----------|
| Tank No: | 6 | | | | Capacity: | 550 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Used Oil |
| Removed Date: | 4/9/1992 | | | | CERCLA Substance: | |
| Install Date: | | | | | Current Age: | 44 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 1/1/1989 | | | | Product Date: | |
| Red Tag Issue Date: | | | | | Fee Due: | |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 5/4/1992 | | | | | |

Tank Information

| | | | | | | |
|----------------------------|-----------|--|--|--|----------------------------|----------|
| Tank No: | 2 | | | | Capacity: | 8000 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Gasoline |
| Removed Date: | 3/26/1992 | | | | CERCLA Substance: | |
| Install Date: | | | | | Current Age: | 27 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 1/1/1989 | | | | Product Date: | |
| Red Tag Issue Date: | | | | | Fee Due: | |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 5/4/1992 | | | | | |

Tank Information

| | | | | | | |
|----------------------------|-----------|--|--|--|----------------------------|----------|
| Tank No: | 1 | | | | Capacity: | 10000 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Gasoline |
| Removed Date: | 3/26/1992 | | | | CERCLA Substance: | |
| Install Date: | | | | | Current Age: | 27 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 1/1/1989 | | | | Product Date: | |
| Red Tag Issue Date: | | | | | Fee Due: | |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 5/4/1992 | | | | | |

Owner Summary

| | | | | | | |
|---------------------------|---|--|--|--|-----------------------|---------------|
| Owner No: | U0019371 | | | | Owner Status: | Current Owner |
| Owner Name: | 1St Cook Comm Bk Fsb | | | | Purchase Date: | |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2029904 | | | | | |

Owner Details

| | | | | | | |
|-----------------------|------------------------------------|--|--|--|-----------------------------|--|
| Owner Name: | 1St Cook Comm Bk Fsb | | | | Type Financial Resp: | |
| Owner Status: | Current Owner | | | | Fin Resp Rpt Due: | |
| Purchase Date: | | | | | | |
| Owner Address: | 2720 W Devon Ave Chicago, IL 60659 | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Facility Details

| | | |
|-----------------------------|---|------------------------------|
| MFD Forms Status: | | Green Tag Decal: |
| MFD Permit Issue Dt: | | Green Tag Issue Date: |
| MFD Permit Exp Dt: | | Green Tag Exp Date: |
| Property Parcel: | | Motor Fuel Type: |
| Pending Nov: | No | |
| Permit History Link: | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2029904 | |

| | | | | | | |
|-------------------|---------|-----|--------------|------------|--|-----------|
| 6 | 3 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | QUALITY MUFFLER
11453 S HALSTED
CHICAGO IL 60628 | FINDS/FRS |
|-------------------|---------|-----|--------------|------------|--|-----------|

Registry ID: 110005906742
FIPS Code: 17031
HUC Code: 07120003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 26-JAN-12
Interest Types: UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 170314912002022
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 41.68576
Longitude: -87.642111
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110005906742
Data Source: Facility Registry Service - Single File
Program Acronyms:

RCRAINFO:ILD984852525

| | | | | | | |
|-------------------|---------|-----|--------------|------------|---|-----------|
| 6 | 4 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | FIRST COOK COMMUNITY BANK
11453 S HALSTED ST
CHICAGO IL 60643 | FINDS/FRS |
|-------------------|---------|-----|--------------|------------|---|-----------|

Registry ID: 110018361315
FIPS Code: 17031
HUC Code: 07120003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 19-OCT-04
Update Date: 29-DEC-14
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

NAICS Code Descriptions:

Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 170314912002022
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 41.68576
Longitude: -87.642111
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018361315
Data Source: Facility Registry Service - Single File
Program Acronyms:

ACES:170000289809

| | | | | | | |
|-------------------|---------|-----|--------------|------------|--|--------|
| 6 | 5 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | FIRST COOK COMMUNITY BANK
11453 S. HALSTEAD ST.
CHICAGO IL | SPILLS |
|-------------------|---------|-----|--------------|------------|--|--------|

Incident No: 920332
Date/Time Occurred:
Media Release:
Facility Manager:
Fac Manager Phone:
Responsible Party Street:
Area Involved: FIXED FACILITY
Milepost:
Section:
Township:
Range:

County: COOK
Latitude:
Longitude:

Hazardous Materials Incident Report

Incident Report Dt: 2/5/1992 10:09:00 AM
Data Input Status: CLOSED
LUST?:
Hazmat Incident Type: LEAK
Caller: ADAM EPSTEIN
Caller Represents: FIRST COOK COMMUNITY BANK
Street Address: 11453 S. HALSTEAD ST.
City: CHICAGO
URL: <https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=920332>
Narrative:

County: COOK
Entered by:
Date Entered:

Follow Up Information:

Materials Involved

Name: GASOLINE
Type: UNKNOWN
CHRIS CODE:
CAS No:
UN/NA No:
Container Type: UNDERGROUND TANK

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------------|-------------------|------------------|------------------|----------------|------|----|
| Container Size: | | UNDERGROUND TANK | | | | |
| Amount Released: | | | | | | |
| Rate of Release Min: | | | | | | |
| Duration of Release: | | | | | | |
| Cause of Release: | | OVERSPILL | | | | |
| Est Spill Extent: | | | | | | |
| Spill Extent Units: | | | | | | |
| Date/Time Inc Occur: | | | | | | |
| Unknown Occurr: | | | | | | |
| Date/Time Discov: | | 02/05/92 1000 | | | | |
| Unknown Discovered: | | | | | | |
| Where Taken: | | | | | | |
| On Scene Contact: | | | | | | |
| No of People Evacuat: | | | | | | |
| A 302(a) Extremely Haz Sub?: | | | | | | |
| A RCRA Hazardous Waste?: | | | | | | |
| A RCRA Regulated Facility?: | | | | | | |
| Public Health Risks: | | | | | | |
| State Agency Assistance: | | | | | | |
| Containment/Cleanup Plans: | | | | | | |

| | | | | | | |
|----------|---------|-----|--------------|------------|--|------------------|
| <u>6</u> | 6 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | FIRST COOK COMMUNITY
11453 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|----------|---------|-----|--------------|------------|--|------------------|

Facility ID: 11453HA1954-02-05
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|--|------------------------|-------------------|
| Tank ID: | | Street No from: | 11453 |
| Installation Date: | 02/05/1954 | Street No to: | 11453 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.6853469429188 |
| Tank Construction: | | Longitude: | -87.6420111407854 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.6420111407854 41.6853469429188) | | |
| Comment: | WORK BY: H. M. BOLES & SONS; INSTALL 1-2K & 1-3K GSLN, 1-1K FO, 1-500 WO FINAL 5/25/54 | | |

| | | | | | | |
|----------|---------|-----|--------------|------------|--|------------------|
| <u>6</u> | 7 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | FIRST COOK COMMUNITY
11453 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|----------|---------|-----|--------------|------------|--|------------------|

Facility ID: 11453HA1985-01-04
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|---|------------------------|-------------------|
| Tank ID: | | Street No from: | 11453 |
| Installation Date: | 01/04/1985 | Street No to: | 11453 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.6853469429188 |
| Tank Construction: | | Longitude: | -87.6420111407854 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.6420111407854 41.6853469429188) | | |
| Comment: | WORK BY: SHEFFIELD TANK; REMOVE 1-10K, 1-8K, 1-5K, 1-550 FINAL 1/8/85 | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------|-------------------|-----------|------------------|----------------|--|------------------|
| 6 | 8 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | FIRST COOK COMMUNITY
11453 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |

Facility ID: 11453HA1982-05-25
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--|-----------------|-------------------|
| Tank ID: | | Street No from: | 11453 |
| Installation Date: | 05/25/1982 | Street No to: | 11453 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.6853469429188 |
| Tank Construction: | | Longitude: | -87.6420111407854 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.6420111407854 41.6853469429188) | | |
| Comment: | WORK BY: R. W. COLLINS; REMOVE 1-10K, 1-8K, 1-5K GASLN 1-550 W.O. 1-1K HTG FO REMAIN | | |

| | | | | | | |
|-------------------|---------|-----|--------------|------------|--|------------------|
| 6 | 9 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | FIRST COOK COMMUNITY
11453 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|---------|-----|--------------|------------|--|------------------|

Facility ID: 11453HA1992-04-07
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--|-----------------|-------------------|
| Tank ID: | | Street No from: | 11453 |
| Installation Date: | 04/07/1992 | Street No to: | 11453 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.6853469429188 |
| Tank Construction: | | Longitude: | -87.6420111407854 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.6420111407854 41.6853469429188) | | |
| Comment: | WORK BY: B. W. COLLINS; REMOVE 1-1K, 1-2K, & 1-550 FINAL 7/16/92 | | |

| | | | | | | |
|-------------------|----------|-----|--------------|------------|--|------------------|
| 6 | 10 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | FIRST COOK COMMUNITY
11453 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|----------|-----|--------------|------------|--|------------------|

Facility ID: 11453HA1997-02-10
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--------------------------|-----------------|-------------------|
| Tank ID: | | Street No from: | 11453 |
| Installation Date: | 02/10/1997 | Street No to: | 11453 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.6853469429188 |
| Tank Construction: | | Longitude: | -87.6420111407854 |
| Tank Product: | | | |
| Tank Capacity: | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------|-------------------|--|------------------|----------------|------|----|
| Location: | | POINT (-87.6420111407854 41.6853469429188) | | | | |
| Comment: | | WORK BY: R. W. COLLINS; REMOVE 3-6K GSLN TKS FINAL N/G | | | | |

6 11 of 14 ESE 0.01 / 75.51 618.13 / 0 **FIRST COOK COMMUNITY
11453 S HALSTED ST
CHICAGO IL** **TANKS
CHICAGO**

Facility ID: 11453HA1971-03-19
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID: **Street No from:** 11453
Installation Date: 03/19/1971 **Street No to:** 11453
Removal Date: **Street Name:** HALSTED
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** S
Tank Material: **Latitude:** 41.6853469429188
Tank Construction: **Longitude:** -87.6420111407854
Tank Product:
Tank Capacity:
Location: POINT (-87.6420111407854 41.6853469429188)
Comment: WORK BY: ROBERT YOUNG INC.; INSPECT 1-5K, 1-8K 1-10K GSLN, REMOVE 1-3K, FIN. 6/16/71

6 12 of 14 ESE 0.01 / 75.51 618.13 / 0 **First Cook Community Bank
11453 S Halsted St
Chicago IL 60643** **LUST
DOCUMENT**

Site ID: 170000289809 **Originating Bureau:**
System ID: 0316755040 **City (Doc Search):**
Program ID: **State (Doc Search):**
Interest Type: LUST **Zip (Doc Search):**
Media Code: LAND **City (Geo Search):** Chicago
Category: **State (Geo Search):** IL
Document Indicator: No **Zip (Geo Search):** 60643
Document Count: **Latitude:** 41.68592
Total Pages: **Longitude:** -87.64192
Revision Date Time: 06/30/2003 **X:** -87.64191999999997
Collection Date: 01/01/2001 **Y:** 41.68592000000007
Name (Doc Search):
Addr (Doc Search):
Name (Geo Search): First Cook Community Bank
Addr (Geo Search): 11453 S Halsted St
Category URL:
Data Source: IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

6 13 of 14 ESE 0.01 / 75.51 618.13 / 0 **First Cook Community Bank
11453 S Halsted St
Chicago IL 60643** **IEPA DOCS**

Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

Details

Site ID: 170000289809 **Document Indicator:** No
System ID: 0316755040 **Latitude:** 41.68592
Interest Type: BOL **Longitude:** -87.64192
Media Code: LAND **X:** -87.64191999999997
Revision Date/Time: 06/30/2003 **Y:** 41.68592000000007

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Collection Date: 10/01/1998

| | | | | | | |
|-------------------|----------|-----|--------------|------------|--|-----------------|
| 6 | 14 of 14 | ESE | 0.01 / 75.51 | 618.13 / 0 | QUALITY MUFFLER
11453 S HALSTED
CHICAGO IL 60628 | RCRA
NON GEN |
|-------------------|----------|-----|--------------|------------|--|-----------------|

EPA Handler ID: ILD984852525
 Gen Status Universe: No Report
 Contact Name:
 Contact Address:
 Contact Phone No and Ext:
 Contact Email:
 Contact Country:
 County Name: COOK
 EPA Region: 05
 Land Type: Private
 Receive Date: 20191213
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No
 Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19920226
 Handler Name: QUALITY MUFFLER
 Source Type: Notification
 Federal Waste Generator Code: 2
 Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20191213
 Handler Name: QUALITY MUFFLER

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

| | | | |
|-----------------------------|---------------------------|-------------------|--------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street 1: | 2720 W DEVON |
| Name: | FIRST COOK COMMUNITY BANK | Street 2: | |
| Date Became Current: | | City: | CHICAGO |
| Date Ended Current: | | State: | IL |
| Phone: | 312-761-2700 | Country: | |
| Source Type: | Notification | Zip Code: | 60659 |

Historical Handler Details

Receive Dt: 19920226
Generator Code Description: Small Quantity Generator
Handler Name: QUALITY MUFFLER

| | | | | | | |
|-------------------|--------|------------|---------------------|--------------------|--|------------|
| 7 | 1 of 5 | ENE | 0.01 / 76.84 | 617.93 / -1 | McDonald's Corp.
11421 S. Halsted Street Chicago,
IL 60628
IL | UST |
|-------------------|--------|------------|---------------------|--------------------|--|------------|

| | | | |
|------------------------------|--|-----------------------|---------------|
| Facility No: | 2043655 | Facility Type: | None |
| Facility Status: | Exempt | Owner Type: | |
| Fac Details Status: | Exempt | Owner Status: | Current Owner |
| Fac Type Fac Details: | None | County: | Cook |
| Owner Name: | McDonald's USA, LLC | | |
| Facility URL: | http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2043655 | | |

Tank Information

| | | | |
|----------------------------|------------|----------------------------|---|
| Tank No: | 1 | Capacity: | 1150 |
| UI No: | | Petroleum Use: | Consumptive Use on Premises for Heating |
| Status: | Removed | Product: | Heating Oil |
| Removed Date: | 5/23/2007 | CERCLA Substance: | |
| Install Date: | | Current Age: | |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | 12/31/1973 | Product Date: | |
| Red Tag Issue Date: | | Fee Due: | |
| CAS Code: | | Regulated Status: | Exempt |
| OSFM First Noti Dt: | | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0030322 | Owner Status: | Current Owner |
| Owner Name: | McDonald's USA, LLC | Purchase Date: | |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2043655 | | |

Owner Details

| | | | |
|-----------------------|--|-----------------------------|--|
| Owner Name: | McDonald's USA, LLC | Type Financial Resp: | |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | |
| Purchase Date: | | | |
| Owner Address: | 4320 Winfield Rd., Suite 400 Warrenville, IL 60555 | | |

Facility Details

MFD Forms Status: **Green Tag Decal:**

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---|-------------------|-----------|---|----------------|---|----|
| MFD Permit Issue Dt:
MFD Permit Exp Dt:
Property Parcel:
Pending Nov:
Permit History Link: | | No | Green Tag Issue Date:
Green Tag Exp Date:
Motor Fuel Type: | | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2043655 | |

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|--|-----------|
| 7 | 2 of 5 | ENE | 0.01 / 76.84 | 617.93 / -1 | MCDONALDS
11421 S HALSTED
CHICAGO IL 60628 | FINDS/FRS |
|-------------------|--------|-----|--------------|-------------|--|-----------|

Registry ID: 110028268693
FIPS Code: 17031
HUC Code: 07120003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 26-FEB-07
Update Date: 29-DEC-14
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 170314912002022
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 41.686337
Longitude: -87.642127
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110028268693
Data Source: Facility Registry Service - Single File
Program Acronyms:
 ACES:170001694021

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|---|------------------|
| 7 | 3 of 5 | ENE | 0.01 / 76.84 | 617.93 / -1 | SHELDON HEIGHTS REALTY
COMPANY
11421 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|--------|-----|--------------|-------------|---|------------------|

Facility ID: 11421HA1959-02-26
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|--------------------------|------------------------|--------------------|
| Tank ID: | | Street No from: | 11421 |
| Installation Date: | 02/26/1959 | Street No to: | 11421 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68624926644377 |
| Tank Construction: | | Longitude: | -87.64204217300292 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank Product:
Tank Capacity:
Location: POINT (-87.64204217300292 41.68624926644377)
Comment: WORK BY: SHELDON; INSTALL 2-275 GAL FUEL OIL TANKS FINAL 3/1/60

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|---|------------------|
| 7 | 4 of 5 | ENE | 0.01 / 76.84 | 617.93 / -1 | NEW MCDONALD'S RESTAURANT
11421 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|--------|-----|--------------|-------------|---|------------------|

Facility ID: 2043655
Owner: See Environmental Permit Dataset
Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | 0001 | Street No from: | 11421 |
| Installation Date: | | Street No to: | 11421 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | 12/31/1973 | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68624926644377 |
| Tank Construction: | | Longitude: | -87.64204217300292 |
| Tank Product: | HEATING OI | | |
| Tank Capacity: | 1150 | | |
| Location: | POINT (-87.64204217300292 41.68624926644377) | | |
| Comment: | REMOVED 5/23/2007, Historic data from former Dept. of Environment [Associated Permit Numbers: 109239 109239;] | | |

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|--|--------------------|
| 7 | 5 of 5 | ENE | 0.01 / 76.84 | 617.93 / -1 | MCDONALD'S CORP.
11421 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|-------------------|--------|-----|--------------|-------------|--|--------------------|

Application ID: DOEAIR20940
Issue or Entry Date: 04/23/2007
Application Type: AIR POLLUTION CONTROL PERMIT
Application Subtype: EQUIPMENT INSTALLATION

CDPH Environmental Permit Details

| | | | |
|-------------------------|-------------------------------|----------------------|---------|
| Status: | CLOSED | Street No to: | |
| Applicant: | | Direction: | S |
| Expiration Date: | 10/20/2007 | Street Name: | HALSTED |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | Street Type: | ST |
| Street No from: | 11421 | | |
| Location: | POINT (-87.64213 41.68653) | | |
| Comment: | | | |

QTY: 1.0 FOOD PREPARATION UNIT: KITCHEN HOOD/ MAKE AND MODEL: UNIVERSAL - UH83/ 16 GA SS/DIMENSIONS: 83" X 20",QTY: 1.0
 COMBUSTION EMISSION UNIT: BOILER/ MAKE AND MODEL: RHEEM - HE 119-199/ MAXIMUM OUTPUT: 189,000 BTU/HR,QTY: 1.0
 COMBUSTION EMISSION UNIT: FURNACE/RTU/ MAKE AND MODEL: LENNOX-LG 210 - HS1R/ MAXIMUM OUTPUT: 376,000 BTU/HR,QTY: 1.0
 COMBUSTION EMISSION UNIT: FURNACE/RTU/ MAKE AND MODEL: LENNOX-LG 210 - HS1R/ MAXIMUM OUTPUT: 376,000 BTU/HR,QTY: 1.0
 FOOD PREPARATION UNIT: KITCHEN HOOD/ MAKE AND MODEL: UNIVERSAL - UH50/ 16 GA SS/DIMENSIONS: 50" X 20"***Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|-------------------|--------|----|--------------|-------------|---|------------------|
| 8 | 1 of 2 | NE | 0.01 / 78.02 | 617.80 / -1 | MCDONALDS
11401 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|-------------------|--------|----|--------------|-------------|---|------------------|

Facility ID: 11401HA1955-10-25
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---|-------------------|---|------------------|----------------|------|----|
| Tank ID:
Installation Date: 10/25/1955
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location: POINT (-87.64205929518535 41.6868145032066)
Comment: WORK BY: WASSILOWSKI; INSTALL 4-4K GSLN & 1-1K FUEL OIL TKS FINAL N/G | | Street No from: 11401
Street No to: 11431
Street Name: HALSTED
Street Type: ST
Direction: S
Latitude: 41.6868145032066
Longitude: -87.64205929518535 | | | | |

8 2 of 2 **NE** 0.01 / 78.02 617.80 / -1 **MCDONALDS
11401 S HALSTED ST
CHICAGO IL** **TANKS
CHICAGO**

Facility ID: 11401HA1980-01-17
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 01/17/1980
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location: POINT (-87.64205929518535 41.6868145032066)
Comment: WORK BY: G. M. WRECKING; REMOVE 4-4K GSLN & 1-1K FUEL OIL TKS FINAL 6/28/81

Street No from: 11401
Street No to: 11431
Street Name: HALSTED
Street Type: ST
Direction: S
Latitude: 41.6868145032066
Longitude: -87.64205929518535

9 1 of 2 **SW** 0.01 / 78.80 619.11 / 1 **PREFERRED DEVELOPMENT
851 W 115TH ST, CHICAGO, IL
IL** **PERMITS
CHICAGO**

Application ID: DOEAIR23599 **Application Type:** AIR POLLUTION CONTROL PERMIT
Issue or Entry Date: 10/09/2008 **Application Subtype:** EQUIPMENT INSTALLATION

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: **Direction:** W
Expiration Date: 04/07/2009 **Street Name:** 115TH
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 851
Location: POINT (-87.64402 41.68474)
Comment:

QTY: 6.0 COMBUSTION EMISSION UNIT: WARM AIR FURNACE/ MAKE AND MODEL: LENNOX-LGC-0605/ MAXIMUM OUTPUT: 100,000 BTU/HR EACH, QTY: 5.0 COMBUSTION EMISSION UNIT: WARM AIR FURNACE/ MAKE AND MODEL: LENNOX-LGC-0485/ MAXIMUM OUTPUT: 62,400 BTU/HR, QTY: 2.0 COMBUSTION EMISSION UNIT: WARM AIR FURNACE/ MAKE AND MODEL: LENNOX-LGC-0725/ MAXIMUM OUTPUT: 98,750 BTU/HR**Note: Many records provided by the department have a truncated Comment field.

9 2 of 2 **SW** 0.01 / 78.80 619.11 / 1 **PREFERRED DEVELOPMENT
851 W 115TH ST, CHICAGO, IL
IL** **PERMITS
CHICAGO**

Application ID: DOEAIR23587 **Application Type:** AIR POLLUTION CONTROL PERMIT
Issue or Entry Date: 10/09/2008 **Application Subtype:** EQUIPMENT INSTALLATION

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

CDPH Environmental Permit Details

| | | | |
|-------------------------|-------------------------------|----------------------|-------|
| Status: | CLOSED | Street No to: | |
| Applicant: | | Direction: | W |
| Expiration Date: | 04/07/2009 | Street Name: | 115TH |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | Street Type: | ST |
| Street No from: | 851 | | |
| Location: | POINT (-87.64402 41.68474) | | |
| Comment: | | | |

QTY: 1.0 COMBUSTION EMISSION UNIT: WARM AIR FURNACE/ MAKE AND MODEL: LENNOX - LGC-0605/ MAXIMUM OUTPUT: 100,000 BTU/HR**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|-----------|---------|-----|--------------|------------|---|-----------------|
| <u>10</u> | 1 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO 5954
11500 S HALSTED
CHICAGO IL 60628 | RCRA
NON GEN |
|-----------|---------|-----|--------------|------------|---|-----------------|

| | |
|----------------------------------|--------------|
| EPA Handler ID: | ILD984923177 |
| Gen Status Universe: | No Report |
| Contact Name: | LINDA CURRAN |
| Contact Address: | US |
| Contact Phone No and Ext: | 708-990-1043 |
| Contact Email: | |
| Contact Country: | US |
| County Name: | COOK |
| EPA Region: | 05 |
| Land Type: | Private |
| Receive Date: | 20070713 |
| Location Latitude: | |
| Location Longitude: | |

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

| | |
|--|----|
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility: | No |
| Onsite Burner Exemption: | No |
| Furnace Exemption: | No |
| Underground Injection Activity: | No |
| Commercial TSD: | No |
| Used Oil Transporter: | No |
| Used Oil Transfer Facility: | No |
| Used Oil Processor: | No |
| Used Oil Refiner: | No |
| Used Oil Burner: | No |
| Used Oil Market Burner: | No |
| Used Oil Spec Marketer: | No |

Hazardous Waste Handler Details

| | |
|--------------------------------------|--------------------------|
| Sequence No: | 1 |
| Receive Date: | 19930820 |
| Handler Name: | AMOCO 5954 |
| Source Type: | Notification |
| Federal Waste Generator Code: | 2 |
| Generator Code Description: | Small Quantity Generator |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20070713
Handler Name: AMOCO 5954
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

| | |
|--|-------------------------------------|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: 2021 SPRING RD 400 |
| Name: AMOCO OIL CO | Street 2: |
| Date Became Current: | City: OAK BROOK |
| Date Ended Current: | State: IL |
| Phone: 708-990-1043 | Country: |
| Source Type: Notification | Zip Code: 60521 |

Historical Handler Details

Receive Dt: 19930820
Generator Code Description: Small Quantity Generator
Handler Name: AMOCO 5954

| | | | | | | |
|--------------------|---------|-----|--------------|------------|--|------|
| 10 | 2 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | Amoco Oil Co. #5954
11500 South Halsted
Chicago IL 60628 | LUST |
|--------------------|---------|-----|--------------|------------|--|------|

| | |
|---|---|
| Incident No: 923184 | LPC No: 0316545010 |
| Incidents ID: 14265 | IEMA Date: 11/12/1992 |
| NFR Date: 09/05/2003 | Regulation: 731 |
| Gasoline: True | C 20 Day Report Date: 12/01/1992 |
| Unleaded: False | C 45 Day Report Date: 02/16/1993 |
| Diesel: False | NFR Recorded Date: 09/25/2003 |
| Fuel Oil: False | Pre 74 Date: |
| Jet Fuel: False | Proj Manager Phone: (217) 785-5736 |
| Used Oil: False | Proj Mngr First Nm: Melinda |
| Non Petroleum Prod: False | Proj Mngr Last Nm: Friedel |
| Other Petroleum: False | Proj Manager Email: Melinda.Friedel@illinois.gov |
| Non LUST Date: | Site County: Cook |
| Non LUST Letter Dt: | |
| Heating Oil Letter Date: | |
| Free Product Discovery Date: | |
| Primary Resp Party Name: Amoco Oil Co. | |
| Primary Resp Party Address: 28100 Torch Pkwy., 6-S | |
| Primary Resp Party City: Warrenville | |
| Primary Resp Party State: IL | |
| Primary Resp Party ZIP: 60555 | |
| Primary Resp Party Phone: | |
| Primary Resp Party Contact: Lyle Bruce | |

| | | | | | | |
|--------------------|---------|-----|--------------|------------|--|--------|
| 10 | 3 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO OIL COMPANY
11500 S. HALSTEAD
CHICAGO IL | SPILLS |
|--------------------|---------|-----|--------------|------------|--|--------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|---|------------------|----------------|---------------------|----|
| Incident No: | 923184 | | | | County: COOK | |
| Date/Time Occurred: | | | | | Latitude: | |
| Media Release: | | | | | Longitude: | |
| Facility Manager: | | | | | | |
| Fac Manager Phone: | | | | | | |
| Responsible Party Street: | | 387 W. SHUMAN, SUITE 380E, NAPERVILLE, IL 60563 | | | | |
| Area Involved: | | FIXED FACILITY | | | | |
| Milepost: | | | | | | |
| Section: | | | | | | |
| Township: | | | | | | |
| Range: | | | | | | |

Hazardous Materials Incident Report

| | | | |
|------------------------------|---|----------------------|------|
| Incident Report Dt: | 11/12/1992 9:26:00 AM | County: | COOK |
| Data Input Status: | CLOSED | Entered by: | |
| LUST?: | | Date Entered: | |
| Hazmat Incident Type: | LEAK | | |
| Caller: | JILL WINDER | | |
| Caller Represents: | AMOCO OIL COMPANY | | |
| Street Address: | 11500 S. HALSTEAD | | |
| City: | CHICAGO | | |
| URL: | https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=923184 | | |
| Narrative: | | | |

Follow Up Information:

Materials Involved

| | |
|-------------------------------------|------------------|
| Name: | GASOLINE |
| Type: | UNKNOWN |
| CHRIS CODE: | |
| CAS No: | |
| UN/NA No: | |
| Container Type: | UNDERGROUND TANK |
| Container Size: | UNDERGROUND TANK |
| Amount Released: | |
| Rate of Release Min: | |
| Duration of Release: | |
| Cause of Release: | |
| Est Spill Extent: | |
| Spill Extent Units: | |
| Date/Time Inc Occur: | |
| Unknown Occur: | |
| Date/Time Discov: | 11/10/92 1400 |
| Unknown Discovered: | |
| Where Taken: | |
| On Scene Contact: | |
| No of People Evacuat: | |
| A 302(a) Extremely Haz Sub?: | |
| A RCRA Hazardous Waste?: | |
| A RCRA Regulated Facility?: | |
| Public Health Risks: | |
| State Agency Assistance: | |
| Containment/Cleanup Plans: | |

| | | | | | | |
|--------------------|---------|-----|--------------|------------|--|-----|
| 10 | 4 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | Citgo
11500 South Halsted Street
Chicago, IL 60628
IL | UST |
|--------------------|---------|-----|--------------|------------|--|-----|

| | | | |
|------------------------------|-------------------------------|-----------------------|-------------------------------|
| Facility No: | 2023001 | Facility Type: | Attended Self-Service Station |
| Facility Status: | Active | Owner Type: | Private |
| Fac Details Status: | Active | Owner Status: | Current Owner |
| Fac Type Fac Details: | Attended Self-Service Station | County: | Cook |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Owner Name: 502 Garfield Properties, LLC
 Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2023001

Tank Information

| | | | |
|----------------------------|------------------|----------------------------|--------------------|
| Tank No: | 2 | Capacity: | 10000 |
| UI No: | | Petroleum Use: | |
| Status: | Currently in use | Product: | Gasoline - Regular |
| Removed Date: | | CERCLA Substance: | |
| Install Date: | 1/1/1979 | Current Age: | 44 |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | | Product Date: | 1/1/1979 |
| Red Tag Issue Date: | | Fee Due: | \$0.00 |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 4/25/1986 | | |

Tank Equipment

| | | | |
|------------------------|---|---------------------------|-----------|
| Equipment Type: | Corrosion Prot - Tank | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | Last Passing Date: | N/A |
| Equipment: | Piping Sump Sensors Not Regulated Not Installed | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Piping | Last Passing Date: | 3/7/2023 |
| Equipment: | Impressed Current Cathodic Protection | Test Expire Date: | 3/7/2024 |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | Last Passing Date: | 3/7/2023 |
| Equipment: | Electronic Pressurized Line Leak Detection | Test Expire Date: | 3/7/2024 |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Spill Contain Device | Last Passing Date: | 4/21/2022 |
| Equipment: | Single Wall Spill Bucket | Test Expire Date: | 4/21/2025 |
| Install Date: | 4/21/2022 | Failed Test Date: | |
| Equipment Type: | Tank | Last Passing Date: | N/A |
| Equipment: | Fiberglass Single Wall | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Tank | Last Passing Date: | 3/7/2023 |
| Equipment: | Automatic Tank Gauging Veeder Root TLS 350R with CSLD | Test Expire Date: | 3/7/2024 |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Piping | Last Passing Date: | N/A |
| Equipment: | Not Installed STP/Tanktop Sump | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Piping | Last Passing Date: | |
| Equipment: | Single Wall Transition Sump | Test Expire Date: | |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Overfill Prev Device | Last Passing Date: | 2/16/2022 |
| Equipment: | Overfill Drop Tube Valve | Test Expire Date: | 2/16/2025 |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Piping | Last Passing Date: | N/A |
| Equipment: | Steel Single Wall Piping | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |

Tank Information

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------|---|------------------|-------------------------|-----------------------|----------------------------|--------------------|
| Tank No: | 3 | | | | Capacity: | 10000 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Currently in use | | | | Product: | Gasoline - Premium |
| Removed Date: | | | | | CERCLA Substance: | |
| Install Date: | 1/1/1979 | | | | Current Age: | 44 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | | | | | Product Date: | 1/1/1979 |
| Red Tag Issue Date: | | | | | Fee Due: | \$0.00 |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 4/25/1986 | | | | | |
| <u>Tank Equipment</u> | | | | | | |
| Equipment Type: | Corrosion Prot - Piping | | | | Last Passing Date: | 3/7/2023 |
| Equipment: | Impressed Current Cathodic Protection | | | | Test Expire Date: | 3/7/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Single Wall | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | 3/7/2023 |
| Equipment: | Electronic Pressurized Line Leak Detection | | | | Test Expire Date: | 3/7/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | N/A |
| Equipment: | Piping Sump Sensors Not Regulated Not Installed | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Not Installed STP/Tanktop Sump | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Spill Contain Device | | | | Last Passing Date: | 4/21/2022 |
| Equipment: | Single Wall Spill Bucket | | | | Test Expire Date: | 4/21/2025 |
| Install Date: | 4/21/2022 | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Tank | | | | Last Passing Date: | 3/7/2023 |
| Equipment: | Automatic Tank Gauging Veeder Root TLS 350R with CSLD | | | | Test Expire Date: | 3/7/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Steel Single Wall Piping | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Overfill Prev Device | | | | Last Passing Date: | 2/16/2022 |
| Equipment: | Overfill Drop Tube Valve | | | | Test Expire Date: | 2/16/2025 |
| Install Date: | | | | | Failed Test Date: | |
| <u>Tank Information</u> | | | | | | |
| Tank No: | 1 | | | | Capacity: | 10000 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Currently in use | | | | Product: | Gasoline - Regular |
| Removed Date: | | | | | CERCLA Substance: | |
| Install Date: | 1/1/1979 | | | | Current Age: | 44 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | | | | | Product Date: | 1/1/1979 |
| Red Tag Issue Date: | | | | | Fee Due: | \$0.00 |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 4/25/1986 | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank Equipment

| | | | | | | |
|------------------------|---|--|--|--|---------------------------|-----------|
| Equipment Type: | Spill Contain Device | | | | Last Passing Date: | 2/16/2022 |
| Equipment: | Single Wall Spill Bucket | | | | Test Expire Date: | 2/16/2025 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | N/A |
| Equipment: | Piping Sump Sensors Not Regulated Not Installed | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Steel Single Wall Piping | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Overfill Prev Device | | | | Last Passing Date: | 2/16/2022 |
| Equipment: | Overfill Drop Tube Valve | | | | Test Expire Date: | 2/16/2025 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | 3/7/2023 |
| Equipment: | Electronic Pressurized Line Leak Detection | | | | Test Expire Date: | 3/7/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | |
| Equipment: | Single Wall Transition Sump | | | | Test Expire Date: | |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Piping | | | | Last Passing Date: | 3/7/2023 |
| Equipment: | Impressed Current Cathodic Protection | | | | Test Expire Date: | 3/7/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Tank | | | | Last Passing Date: | 3/7/2023 |
| Equipment: | Automatic Tank Gauging Veeder Root TLS 350R with CSLD | | | | Test Expire Date: | 3/7/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Not Installed STP/Tanktop Sump | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Single Wall | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|--------------|
| Owner No: | U0023834 | Owner Status: | Former Owner |
| Owner Name: | BP Amoco | Purchase Date: | 1/1/1979 |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2023001 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|--------------|
| Owner No: | U0034353 | Owner Status: | Former Owner |
| Owner Name: | Sania Oil Company | Purchase Date: | |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2023001 | | |

Owner Summary

| | | | |
|------------------|----------|----------------------|--------------|
| Owner No: | U0000552 | Owner Status: | Former Owner |
|------------------|----------|----------------------|--------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Owner Name: BP Products North America, Inc. **Purchase Date:**
Ownership History: <http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2023001>

Owner Summary

Owner No: U0037582 **Owner Status:** Current Owner
Owner Name: 502 Garfield Properties, LLC **Purchase Date:** 10/1/2010
Ownership History: <http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2023001>

Owner Details

Owner Name: 502 Garfield Properties, LLC **Type Financial Resp:** Commercial Insurance
Owner Status: Current Owner **Fin Resp Rpt Due:** 8/26/2023
Purchase Date: 10/1/2010
Owner Address: 11500 S. Halsted Street Chicago, IL 60628

LUST Fund Eligibility

IEMA No: 92-3184 **OSFM Received Dt:** 7/10/1996
Status: Eligible **OSFM Response Dt:** 7/25/1996
Deductible: \$10,000
Letter:
IEMA Link: <https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx>

Dispenser Information

Name ID: 4/5
Status: Active
Sensor Shuts Down Product Pum: Unknown

Name ID: 8/9
Status: Active
Sensor Shuts Down Product Pum: Unknown

Name ID: 1
Status: Active
Sensor Shuts Down Product Pum: Unknown

Name ID: 2/3
Status: Active
Sensor Shuts Down Product Pum: Unknown

Name ID: 6/7
Status: Active
Sensor Shuts Down Product Pum: Unknown

Facility Details

MFD Forms Status: **Green Tag Decal:** X002161
MFD Permit Issue Dt: 9/1/2022 **Green Tag Issue Date:** 9/1/2022
MFD Permit Exp Dt: 12/31/2024 **Green Tag Exp Date:** 12/31/2024
Property Parcel: **Motor Fuel Type:** Self Service
Pending Nov: No
Permit History Link: <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2023001>

| | | | | | | |
|--------------------|---------|-----|--------------|------------|--|-----------|
| 10 | 5 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO SERVICE STATION #5954
11500 S HALSTED | FINDS/FRS |
|--------------------|---------|-----|--------------|------------|--|-----------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

CHICAGO IL 60628-5218

Registry ID: 110005928345
FIPS Code: 17031
HUC Code: 07120003
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-00
Update Date: 01-JUN-17
Interest Types: AIR EMISSIONS CLASSIFICATION UNKNOWN, AIR MINOR, STATE MASTER, UNSPECIFIED UNIVERSE
SIC Codes: 5541
SIC Code Descriptions: GASOLINE SERVICE STATIONS
NAICS Codes: 447190
NAICS Code Descriptions: OTHER GASOLINE STATIONS.
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 170315303001000
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 41.68451
Longitude: -87.6422
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110005928345
Data Source: Facility Registry Service - Single File
Program Acronyms:

ACES:170000062973, AIR:IL000031600GKT, AIRS/AFS:1703105188, EIS:4651611, RCRAINFO:ILD984923177

| | | | | | | |
|--------------------|---------|-----|--------------|------------|---|------|
| 10 | 6 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO SERVICE STATION #5954
11500 S HALSTED ST
CHICAGO IL 60628 | ICIS |
|--------------------|---------|-----|--------------|------------|---|------|

| | | | |
|----------------------|----------------|--------------------------|-----------|
| EPA Region: | 05 | Federal Fac ID: | |
| Registry ID: | 110005928345 | Tribal Land Code: | |
| Pgm Sys ID: | IL000031600GKT | County: | Cook |
| Pgm Sys Acnm: | AIR | Latitude 83: | 41.6848 |
| Permit Type: | | Longitude 83: | -87.64221 |

| | | | | | | |
|--------------------|---------|-----|--------------|------------|---|------------------|
| 10 | 7 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO OIL
11500 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|--------------|------------|---|------------------|

Facility ID: 11500HA1992-07-15
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|--------------------------|------------------------|-------------------|
| Tank ID: | | Street No from: | 11500 |
| Installation Date: | 07/15/1992 | Street No to: | 11500 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68502625630698 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--|-------------------|-----------|------------------|-------------------|--------------------|----|
| Tank Construction: | | | | Longitude: | -87.64229736696258 | |
| Tank Product: | | | | | | |
| Tank Capacity: | | | | | | |
| Location: POINT (-87.64229736696258 41.68502625630698) | | | | | | |
| Comment: WORK BY: STENCEL TANK & PUMP; INSTALL STAGE 2 PIPING FINAL 7/30/92 | | | | | | |

| | | | | | | |
|--------------------|---------|-----|--------------|------------|---|------------------|
| 10 | 8 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO OIL
11500 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|--------------|------------|---|------------------|

Facility ID: 11500HA1979-01-29
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 11500 |
| Installation Date: | 01/29/1979 | Street No to: | 11500 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68502625630698 |
| Tank Construction: | | Longitude: | -87.64229736696258 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64229736696258 41.68502625630698) | | |
| Comment: | WORK BY: TURNER WRECKING; REMOVE 1-6K, 1-3K, 1-2K, 1-550, 1-500 FINAL 5/24/79 | | |

| | | | | | | |
|--------------------|---------|-----|--------------|------------|---|------------------|
| 10 | 9 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | CITGO GAS
11500 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|--------------|------------|---|------------------|

Facility ID: 2023001
Owner: See Environmental Permit Dataset
Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | 0002 | Street No from: | 11500 |
| Installation Date: | | Street No to: | 11500 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | FRP | Latitude: | 41.68502625630698 |
| Tank Construction: | | Longitude: | -87.64229736696258 |
| Tank Product: | GASOLINE-M | | |
| Tank Capacity: | 10000 | | |
| Location: | POINT (-87.64229736696258 41.68502625630698) | | |
| Comment: | 11500 S HALSTED, IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill Containment in place; Tank Corrosion Protection: FRP; Tank Overfill Protection: Ball Float Valve; Piping Type: Pressurized Piping; Piping Leak Protection: Automatic line leak detector; Piping Corrosion Protection: Impressed Current; Pipe Material: Steel; Stage 2: Y; Red Tag: N;] | | |

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | 0003 | Street No from: | 11500 |
| Installation Date: | | Street No to: | 11500 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | FRP | Latitude: | 41.68502625630698 |
| Tank Construction: | | Longitude: | -87.64229736696258 |
| Tank Product: | GASOLINE-P | | |
| Tank Capacity: | 10000 | | |
| Location: | POINT (-87.64229736696258 41.68502625630698) | | |
| Comment: | 11500 S HALSTED, IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill Containment in place; Tank Corrosion Protection: FRP; Tank | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|---|-----------|------------------|----------------|---|----|
| | | | | | Overfill Protection: Ball Float Valve; Piping Type: Pressurized Piping; Piping Leak Protection: Automatic line leak detector; Piping Corrosion Protection: Impressed Current; Pipe Material: Steel; Stage 2: Y; Red Tag: N;] | |
| Tank ID: | 0001 | | | | Street No from: 11500 | |
| Installation Date: | | | | | Street No to: 11500 | |
| Removal Date: | | | | | Street Name: HALSTED | |
| Last Used Date: | | | | | Street Type: ST | |
| Tank Type: | UNDERGROUND STORAGE TANK | | | | Direction: S | |
| Tank Material: | FRP | | | | Latitude: 41.68502625630698 | |
| Tank Construction: | SINGLE | | | | Longitude: -87.64229736696258 | |
| Tank Product: | GASOLINE-R | | | | | |
| Tank Capacity: | 10000 | | | | | |
| Location: | POINT (-87.64229736696258 41.68502625630698) | | | | | |
| Comment: | 11500 S HALSTED, IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion Protection: FRP; Tank Overfill Protection: Drop Tube Valve; Piping Type: Pressurized Piping; Piping Leak Protection: Automatic line leak detector; Piping Corrosion Protection: Impressed Current; Piping Wall: Single; Pipe Material: Steel; Stage 2: Y; Red Tag: N; Associated Permit Numbers: 109308 109308;] | | | | | |

[10](#) 10 of 26 SSE 0.02 / 96.88 618.45 / 0 AMOCO OIL 11500 S HALSTED ST CHICAGO IL TANKS CHICAGO

Facility ID: 11500HA1970-06-08
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID: **Street No from:** 11500
Installation Date: 06/08/1970 **Street No to:** 11500
Removal Date: **Street Name:** HALSTED
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** S
Tank Material: **Latitude:** 41.68502625630698
Tank Construction: **Longitude:** -87.64229736696258
Tank Product:
Tank Capacity:
Location: POINT (-87.64229736696258 41.68502625630698)
Comment: WORK BY: AETNA TANK & PUMP; INSPECT 1-6K GAL GSLN TK FINAL 9/21/70

[10](#) 11 of 26 SSE 0.02 / 96.88 618.45 / 0 AMOCO OIL 11500 S HALSTED ST CHICAGO IL TANKS CHICAGO

Facility ID: 11500HA1957-04-17
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID: **Street No from:** 11500
Installation Date: 04/17/1957 **Street No to:** 11500
Removal Date: **Street Name:** HALSTED
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** S
Tank Material: **Latitude:** 41.68502625630698
Tank Construction: **Longitude:** -87.64229736696258
Tank Product:
Tank Capacity:
Location: POINT (-87.64229736696258 41.68502625630698)
Comment: WORK BY: STANDARD OIL; REPLACE EXISTING TKS W/1-2K & 1-3K GSLN, 2-500G, F. 6/5/57

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|----------------|---|--------------------|
| 10 | 12 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | CITGO GAS
11500 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |

Application ID: DOEUST103122 Application Type: UNDERGROUND STORAGE TANK
Issue or Entry Date: 05/20/1997 Application Subtype: UPGRADE

CDPH Environmental Permit Details

Status: CLOSED Street No to:
Applicant: GULAM Direction: S
Expiration Date: 12/09/1997 Street Name: HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT Street Type: ST
Street No from: 11500
Location: POINT (-87.64257 41.68492)
Comment:

[CONTRACTOR: A B D TANK & PUMP COMPANY] UPGRADE AND LEAK DETECTION IN PLACE**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|--|--------------------|
| 10 | 13 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO OIL CO
11500 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|-----|--------------|------------|--|--------------------|

Application ID: DOEAIR9265 Application Type: AIR POLLUTION CONTROL PERMIT
Issue or Entry Date: 11/07/2001 Application Subtype: EQUIPMENT INSTALLATION

CDPH Environmental Permit Details

Status: CLOSED Street No to:
Applicant: Direction: S
Expiration Date: 05/06/2002 Street Name: HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT Street Type: ST
Street No from: 11500
Location: POINT (-87.64257 41.68492)
Comment:

QTY: 1.0 PROCESS EQUIPMENT/ SUE BLOWER/MODEL:R6P155Q-SO/ DIMENSIONS: 3'X2',QTY: 1.0 CONTROL DEVICE/ CATALYTIC OXIDATION UNIT/MODEL: RC1-0290 ,QTY: 1.0 UNFIRED PRESSURE VESSEL/ GAST/MODEL:4080-P101/ DIMENSIONS; 1.5'DIA X 3'LG**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|--------------------------|--------------------|
| 10 | 14 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | 11500 S HALSTED ST
IL | PERMITS
CHICAGO |
|--------------------|----------|-----|--------------|------------|--------------------------|--------------------|

Application ID: USTGRD114689 Application Type: UNDERGROUND STORAGE TANK
Issue or Entry Date: 01/25/2010 Application Subtype: ANNUAL GREEN DECAL

CDPH Environmental Permit Details

Status: OPEN Street No to:
Applicant: MANAGER Direction: S
Expiration Date: DEPT. OF PUBLIC HEALTH Street Name: HALSTED
Data Source: DEPT. OF PUBLIC HEALTH Street Type: ST
Street No from: 11500
Location: POINT (-87.64257 41.68492)
Comment:

{APPLICATION COMMENTS: [CONTRACTOR:]}{TANKS: }**Note: Many records provided by the department have a truncated Comment field.

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|----------------|---|--------------------|
| 10 | 15 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | CITGO GAS
11500 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |

Application ID: DOEUST104000 Application Type: UNDERGROUND STORAGE TANK
Issue or Entry Date: 06/02/1998 Application Subtype: UPGRADE/CATHODIC

CDPH Environmental Permit Details

Status: CLOSED Street No to:
Applicant: GULAM Direction: S
Expiration Date: 12/08/1998 Street Name: HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT Street Type: ST
Street No from: 11500
Location: POINT (-87.64257 41.68492)
Comment:

[CONTRACTOR: A B D TANK & PUMP COMPANY] PERMIT EXPIRED.**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|--------------------------|--------------------|
| 10 | 16 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | 11500 S HALSTED ST
IL | PERMITS
CHICAGO |
|--------------------|----------|-----|--------------|------------|--------------------------|--------------------|

Application ID: USTST2115050 Application Type: UNDERGROUND STORAGE TANK
Issue or Entry Date: 11/02/2011 Application Subtype: STAGE 2

CDPH Environmental Permit Details

Status: OPEN Street No to:
Applicant: MANAGER Direction: S
Expiration Date: DEPT. OF PUBLIC HEALTH Street Name: HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT Street Type: ST
Street No from: 11500
Location: POINT (-87.64257 41.68492)
Comment:

{APPLICATION COMMENTS: [CONTRACTOR:]11500 S HALSTED, CHICAGO, IL 60643}{TANKS: }**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|---|--------------------|
| 10 | 17 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | CITGO GAS
11500 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|-----|--------------|------------|---|--------------------|

Application ID: DOEUST109308 Application Type: UNDERGROUND STORAGE TANK
Issue or Entry Date: 07/12/2007 Application Subtype: UPGRADE LEAK DET

CDPH Environmental Permit Details

Status: CLOSED Street No to:
Applicant: GULAM Direction: S
Expiration Date: 01/12/2008 Street Name: HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT Street Type: ST
Street No from: 11500
Location: POINT (-87.64257 41.68492)
Comment:

[CONTRACTOR: A B D TANK & PUMP COMPANY] REPLACE WPLLD WITH MLLD FOR REGULER TANK ONLY REPLACED PLLD FOR MLLD ON REGULAR GASOLINE TANK.**Note: Many records provided by the department have a truncated Comment field.

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|----------------|---|--------------------|
| 10 | 18 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | CITGO STATION
11500 S HALSTED ST
IL | PERMITS
CHICAGO |

Application ID: USTST2115256 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 11/02/2011 **Application Subtype:** STAGE 2

CDPH Environmental Permit Details

| | | | |
|-------------------------|----------------------------|----------------------|---------|
| Status: | OPEN | Street No to: | |
| Applicant: | MANAGER | Direction: | S |
| Expiration Date: | | Street Name: | HALSTED |
| Data Source: | DEPT. OF PUBLIC HEALTH | Street Type: | ST |
| Street No from: | 11500 | | |
| Location: | POINT (-87.64257 41.68492) | | |
| Comment: | | | |

{APPLICATION COMMENTS: [CONTRACTOR:]11500 S HALSTED, CHICAGO, IL 60643}{TANKS: }**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|-----------------------------------|--------------------|
| 10 | 19 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | CITGO
11500 S HALSTED ST
IL | PERMITS
CHICAGO |
|--------------------|----------|-----|--------------|------------|-----------------------------------|--------------------|

Application ID: USTUPG987949 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 07/31/2018 **Application Subtype:** UPGRADE

CDPH Environmental Permit Details

| | | | |
|-------------------------|------------------------------|----------------------|---------|
| Status: | OPEN | Street No to: | |
| Applicant: | 502 GARFIELD PROPERTIES, LLC | Direction: | S |
| Expiration Date: | | Street Name: | HALSTED |
| Data Source: | DEPT. OF PUBLIC HEALTH | Street Type: | ST |
| Street No from: | 11500 | | |
| Location: | POINT (-87.64257 41.68492) | | |
| Comment: | | | |

{APPLICATION COMMENTS: [CONTRACTOR: METRO ENVIRONMENTAL CONTRACTORS,INC.]}{TANKS: (FACILITY TANK ID: 2023001, APPLICATION TANK ID: 2, CAPACITY: 10000, MANUFACTURER: , PRODUCT: GASOLINE, OUT OF SERVICE DATE: , , IN SERVICE? N)**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|-----------------------------------|--------------------|
| 10 | 20 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | CITGO
11500 S HALSTED ST
IL | PERMITS
CHICAGO |
|--------------------|----------|-----|--------------|------------|-----------------------------------|--------------------|

Application ID: USTUPG1052452 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 01/16/2019 **Application Subtype:** UPGRADE

CDPH Environmental Permit Details

| | | | |
|-------------------------|------------------------------|----------------------|---------|
| Status: | OPEN | Street No to: | |
| Applicant: | 502 GARFIELD PROPERTIES, LLC | Direction: | S |
| Expiration Date: | | Street Name: | HALSTED |
| Data Source: | DEPT. OF PUBLIC HEALTH | Street Type: | ST |
| Street No from: | 11500 | | |
| Location: | POINT (-87.64257 41.68492) | | |
| Comment: | | | |

{APPLICATION COMMENTS: [CONTRACTOR: B&K EQUIPMENT COMPANY]}{TANKS: (FACILITY TANK ID: 2023001, APPLICATION TANK ID: 1, CAPACITY: 10000, MANUFACTURER: , PRODUCT: GASOLINE, OUT OF SERVICE DATE: , , IN SERVICE? N),(FACILITY TANK ID: 2023001,

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

APPLICATION TANK ID: 2, CAPACITY: 10000, MANUFACTURER: , PRODUCT: GASOLINE, OUT OF SERVICE DATE: , , IN SERVICE? N)**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|----------------------------|----------|--|--------------|---|---|---------------|
| 10 | 21 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | Amoco Service Station #5954
11500 S Halsted St
Chicago IL 60628 | LUST DOCUMENT |
| Site ID: | | 170000062973 | | Originating Bureau: Bureau of Land | | |
| System ID: | | 0316545010 | | City (Doc Search): Chicago | | |
| Program ID: | | 0316545010 | | State (Doc Search): IL | | |
| Interest Type: | | LUST | | Zip (Doc Search): 60628 | | |
| Media Code: | | LAND | | City (Geo Search): Chicago | | |
| Category: | | Leaking UST Technical | | State (Geo Search): IL | | |
| Document Indicator: | | Yes | | Zip (Geo Search): 60628 | | |
| Document Count: | | 64 | | Latitude: 41.68507 | | |
| Total Pages: | | 1267 | | Longitude: -87.64214 | | |
| Revision Date Time: | | 06/28/2003 | | X: -87.64213999999998 | | |
| Collection Date: | | 01/01/2001 | | Y: 41.68507000000005 | | |
| Name (Doc Search): | | Amoco 5954 - 170000062973 | | | | |
| Addr (Doc Search): | | 11500 S Halsted St | | | | |
| Name (Geo Search): | | Amoco Service Station #5954 | | | | |
| Addr (Geo Search): | | 11500 S Halsted St | | | | |
| Category URL: | | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlci1kd3B1Ym91Y1xuUHdkPU4xbWRhJHRyYXRvcjBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRf09IjE3MDAwMDA2Mjk3MyIlgQU5EIFtDQVRFR09SWV09JlXQSI1IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search | | | | |
| Data Source: | | Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | | | |
| Note: | | Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | | | |

| | | | | | | |
|-------------------------------|----------|--|--------------|------------|---|-------------|
| 10 | 22 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | Amoco Service Station #5954
11500 S Halsted St
Chicago IL 60628 | AIR PERMITS |
| Name (Geo Search): | | Amoco Service Station #5954 | | | | |
| Addr (Geo Search): | | 11500 S Halsted St | | | | |
| City (Geo Search): | | Chicago | | | | |
| State (Geo Search): | | IL | | | | |
| Postal (Geo Search): | | 60628 | | | | |
| Name (Doc Search): | | | | | | |
| Addr (Doc Search): | | | | | | |
| City (Doc Search): | | | | | | |
| State (Doc Search): | | | | | | |
| Zip Code (Doc Search): | | | | | | |
| Data Source: | | IEPA Document Explorer - Geographic Search | | | | |
| Note: | | Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | | | |

IEPA Mapping Service

| | | | |
|----------------------------|--------------|----------------------------|--------------------|
| Site ID: | 170000062973 | Document Indicator: | Yes |
| System ID: | 031600GKT | Latitude: | 41.685034 |
| Interest Type: | PERMIT | Longitude: | -87.642248 |
| Media Code: | AIR | X: | -87.64224799999994 |
| Revision Date/Time: | 06/28/2003 | Y: | 41.68503400000003 |
| Collection Date: | 02/14/2002 | | |

| | | | | | | |
|-----------------------------|----------|---------------|--------------|---|---|-----------------|
| 10 | 23 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | Citgo
11500 South Halsted Street
IL | PERMITS CHICAGO |
| Application ID: | | 00117-2019UPG | | Application Type: UNDERGROUND STORAGE TANK | | |
| Issue or Entry Date: | | 01/16/2019 | | Application Subtype: UPGRADE | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

CDPH Environmental Permit Details

Status: APPROVED / ISSUED
Applicant:
Expiration Date: 07/16/2019
Data Source: OSFM
Street No from:
Location: POINT (-87.63244999999995 41.884250000000065)
Comment:

Street No to:
Direction:
Street Name:
Street Type:

Facility (Self-Service Station; Active)**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|---|--------------------|
| 10 | 24 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | Citgo
11500 South Halsted Street
IL | PERMITS
CHICAGO |
|--------------------|----------|-----|--------------|------------|---|--------------------|

Application ID: 00993-2018UPG
Issue or Entry Date: 07/31/2018
Application Type: UNDERGROUND STORAGE TANK
Application Subtype: UPGRADE

CDPH Environmental Permit Details

Status: CANCELLED BY CONTRACTOR
Applicant:
Expiration Date: 01/31/2019
Data Source: OSFM
Street No from:
Location: POINT (-87.63244999999995 41.884250000000065)
Comment:

Street No to:
Direction:
Street Name:
Street Type:

Facility (Self-Service Station; Active)**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|-----|--------------|------------|---|-----------|
| 10 | 25 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | Amoco Service Station #5954
11500 S Halsted St
Chicago IL 60628 | IEPA DOCS |
|--------------------|----------|-----|--------------|------------|---|-----------|

Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

Details

| | |
|---|--|
| Site ID: 170000062973
System ID: 0316545010
Interest Type: BOL
Media Code: LAND
Revision Date/Time: 06/28/2003
Collection Date: 08/01/2001 | Document Indicator: Yes
Latitude: 41.68507
Longitude: -87.64214
X: -87.64213999999998
Y: 41.685070000000005 |
|---|--|

| | | | | | | |
|--------------------|----------|-----|--------------|------------|---|-----|
| 10 | 26 of 26 | SSE | 0.02 / 96.88 | 618.45 / 0 | AMOCO SERVICE STATION #5954
11500 S HALSTED ST
CHICAGO IL 60628 | AFS |
|--------------------|----------|-----|--------------|------------|---|-----|

| | |
|--|---|
| Afs ID: 1703105188
Plant ID: 1007109
Epa Region: 05
Plant County: Cook
State No: 17
Primary Sic Code: 5541
Secondary Sic Code:
Naics Code: 447190
Afs Gov Facility Des: PRIVATELY OWNED/OPERATED
Operating Status Def: Permanently Closed
Epa Classification Des: Potential uncontrolled emissions <100 tons/year | Fed Reportable: No
Current Hpv:
Loc Contrl Region:
Afs Gov Fac Code: 0
Operating Status: X
Epa Class Code: B
Epa Complian Stat: 5
State Comp Status: 5 |
|--|---|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Epa Compliance Status: Meeting Compliance Schedule
 State Compliance Status: Meeting Compliance Schedule

Actions

| | | | |
|-------------------------|------------------|---------------------|-----|
| Plant ID: | 1007109 | National Actn Type: | 7C |
| Anu1: | 1 | All Air Prog Codes: | 0 |
| Date Achieved: | 20010118 | Result Code: | |
| Penalty Amount: | 0 | Pollutant Code: | VOC |
| Record Updated Dt: | 20020430 | Violating Poll Cds: | |
| Creation Date: | | Violation Type Cds: | |
| Key Action No: | | | |
| Regional Data Element: | | | |
| National Action Desc: | STATE NOV ISSUED | | |
| All Air Program Def: | 0-SIP Source | | |
| Result Def: | | | |
| Pollutant Def: | | | |
| All Violating Poll Def: | | | |
| All Violation Type Def: | | | |

Actions

| | | | |
|-------------------------|-----------------------------------|---------------------|----|
| Plant ID: | 1007109 | National Actn Type: | 8C |
| Anu1: | 3 | All Air Prog Codes: | 0 |
| Date Achieved: | 20020311 | Result Code: | |
| Penalty Amount: | 0 | Pollutant Code: | |
| Record Updated Dt: | 20070215 | Violating Poll Cds: | |
| Creation Date: | 20070215 | Violation Type Cds: | |
| Key Action No: | | | |
| Regional Data Element: | | | |
| National Action Desc: | STATE ADMINISTRATIVE ORDER ISSUED | | |
| All Air Program Def: | 0-SIP Source | | |
| Result Def: | | | |
| Pollutant Def: | | | |
| All Violating Poll Def: | | | |
| All Violation Type Def: | | | |

Actions

| | | | |
|-------------------------|-----------------------------------|---------------------|-----|
| Plant ID: | 1007109 | National Actn Type: | 8C |
| Anu1: | 2 | All Air Prog Codes: | 0 |
| Date Achieved: | 20020311 | Result Code: | |
| Penalty Amount: | 0 | Pollutant Code: | VOC |
| Record Updated Dt: | 20020430 | Violating Poll Cds: | |
| Creation Date: | | Violation Type Cds: | |
| Key Action No: | | | |
| Regional Data Element: | | | |
| National Action Desc: | STATE ADMINISTRATIVE ORDER ISSUED | | |
| All Air Program Def: | 0-SIP Source | | |
| Result Def: | | | |
| Pollutant Def: | | | |
| All Violating Poll Def: | | | |
| All Violation Type Def: | | | |

Historical Compliance - Air Program Level

| | |
|---------------------------------|--|
| Air Program Code: | 0 |
| Air Program Code Ref: | SIP Source |
| Historical Compliance Date: | 0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004 |
| Historical Compliance Status: | 0 |
| Historical Compliance Stat Ref: | Unknown Compliance Status |

Historical Compliance - Air Program Level

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Air Program Code: 0
Air Program Code Ref: SIP Source
Historical Compliance Date: 1101, 1102, 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403
Historical Compliance Status: 5
Historical Compliance Stat Ref: Meeting Compliance Schedule

Air Program

| | | | |
|----------------------------|---------|----------------------------|---|
| Plant ID: | 1007109 | Poll Classificatn: | B |
| Air Program Code: | 0 | Poll Compli Status: | 0 |
| Air Program Status: | X | Epa Class Code: | B |
| Pollutant Code: | VOC | Epa Compli Status: | 0 |

Chemical Abstract Service

Nmbr:

Air Program Code Subparts:
Air Program Code Ref: SIP Source
Epa Classification Code Ref: Potential uncontrolled emissions <100 tons/year
Epa Compliance Status Ref: Unknown Compliance Status
Pollutant Code Ref:
Pollutant Classification Ref: Potential uncontrolled emissions <100 tons/year
Pollutant Complian Status Ref: Unknown Compliance Status

Air Program

| | | | |
|----------------------------|---------|----------------------------|---|
| Plant ID: | 1007109 | Poll Classificatn: | C |
| Air Program Code: | 0 | Poll Compli Status: | 5 |
| Air Program Status: | X | Epa Class Code: | B |
| Pollutant Code: | FACIL | Epa Compli Status: | 0 |

Chemical Abstract Service

Nmbr:

Air Program Code Subparts:
Air Program Code Ref: SIP Source
Epa Classification Code Ref: Potential uncontrolled emissions <100 tons/year
Epa Compliance Status Ref: Unknown Compliance Status
Pollutant Code Ref:
Pollutant Classification Ref: Class is unknown.
Pollutant Complian Status Ref: Meeting Compliance Schedule

| | | | | | | |
|--------------------|--------|---|---------------|-------------|--|------------------|
| 11 | 1 of 1 | E | 0.03 / 136.79 | 617.80 / -1 | QUALITY CARE MUFFLER
11435 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|---|---------------|-------------|--|------------------|

Facility ID: 2029904
Owner: See Environmental Permit Dataset
Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | 0001 | Street No from: | 11435 |
| Installation Date: | | Street No to: | 11435 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68585369055809 |
| Tank Construction: | | Longitude: | -87.64203051925581 |
| Tank Product: | GASOLINE | | |
| Tank Capacity: | 6000 | | |
| Location: | POINT (-87.64203051925581 41.68585369055809) | | |
| Comment: | | | |

| | | | |
|---------------------------|------|------------------------|---------|
| Tank ID: | 0002 | Street No from: | 11435 |
| Installation Date: | | Street No to: | 11435 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|--|-----------|------------------|------------------------|--------------------|----|
| Tank Type: | UNDERGROUND STORAGE TANK | | | Direction: | S | |
| Tank Material: | | | | Latitude: | 41.68585369055809 | |
| Tank Construction: | | | | Longitude: | -87.64203051925581 | |
| Tank Product: | GASOLINE | | | | | |
| Tank Capacity: | 8000 | | | | | |
| Location: | POINT (-87.64203051925581 41.68585369055809) | | | | | |
| Comment: | | | | | | |
| Tank ID: | 0003 | | | Street No from: | 11435 | |
| Installation Date: | | | | Street No to: | 11435 | |
| Removal Date: | | | | Street Name: | HALSTED | |
| Last Used Date: | | | | Street Type: | ST | |
| Tank Type: | UNDERGROUND STORAGE TANK | | | Direction: | S | |
| Tank Material: | | | | Latitude: | 41.68585369055809 | |
| Tank Construction: | | | | Longitude: | -87.64203051925581 | |
| Tank Product: | GASOLINE | | | | | |
| Tank Capacity: | 10000 | | | | | |
| Location: | POINT (-87.64203051925581 41.68585369055809) | | | | | |
| Comment: | | | | | | |

[12](#) 1 of 19 SE 0.04 / 235.52 617.80 / -1 Equilon Enterprises LLC 11501 Halsted St. Chicago IL 60628 LUST

| | | | |
|-------------------------------------|--------------------------|------------------------------|---------------------------|
| Incident No: | 990250 | LPC No: | 0316495058 |
| Incidents ID: | 23151 | IEMA Date: | 02/05/1999 |
| NFR Date: | 11/15/2002 | Regulation: | 732 |
| Gasoline: | True | C 20 Day Report Date: | 02/10/1999 |
| Unleaded: | False | C 45 Day Report Date: | 02/26/1999 |
| Diesel: | False | NFR Recorded Date: | 01/21/2003 |
| Fuel Oil: | False | Pre 74 Date: | |
| Jet Fuel: | False | Proj Manager Phone: | (217) 524-9140 |
| Used Oil: | False | Proj Mngr First Nm: | James |
| Non Petroleum Prod: | False | Proj Mngr Last Nm: | Malcom |
| Other Petroleum: | False | Proj Manager Email: | James.Malcom@illinois.gov |
| Non LUST Date: | | Site County: | Cook |
| Non LUST Letter Dt: | | | |
| Heating Oil Letter Date: | | | |
| Free Product Discovery Date: | | | |
| Primary Resp Party Name: | Equilon Enterprises LLC | | |
| Primary Resp Party Address: | 603 Diehl Rd., Suite 103 | | |
| Primary Resp Party City: | Naperville | | |
| Primary Resp Party State: | IL | | |
| Primary Resp Party ZIP: | 60563 | | |
| Primary Resp Party Phone: | 6302764206 | | |
| Primary Resp Party Contact: | John Robbins | | |

[12](#) 2 of 19 SE 0.04 / 235.52 617.80 / -1 Mobil Carwash 11501 South Halsted Street Chicago, IL 60628 IL UST

| | | | |
|------------------------------|--|-----------------------|-------------------------------|
| Facility No: | 2007045 | Facility Type: | Attended Self-Service Station |
| Facility Status: | Active | Owner Type: | Private |
| Fac Details Status: | Active | Owner Status: | Current Owner |
| Fac Type Fac Details: | Attended Self-Service Station | County: | Cook |
| Owner Name: | Rockbuild Enterprises, Inc. | | |
| Facility URL: | http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2007045 | | |

Tank Information

| | | | |
|----------------------|------------------|--------------------------|-------------|
| Tank No: | 4 | Capacity: | 4000 |
| UI No: | | Petroleum Use: | |
| Status: | Currently in use | Product: | Diesel Fuel |
| Removed Date: | | CERCLA Substance: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------|--|------------------|-------------------------|-----------------------|----------------------------|-----------|
| Install Date: | 9/5/2001 | | | | Current Age: | 21 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | | | | | Product Date: | 9/6/2001 |
| Red Tag Issue Date: | | | | | Fee Due: | \$0.00 |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 3/5/2002 | | | | | |
| <u>Tank Equipment</u> | | | | | | |
| Equipment Type: | Corrosion Prot - Piping | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Non-Discriminating Sump Sensor | | | | Test Expire Date: | 4/17/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Tank | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Automatic Tank Gauging Veeder Root TLS 350 with CSLD | | | | Test Expire Date: | 4/17/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Single Wall STP/Tanktop Sump | | | | Test Expire Date: | 4/17/2026 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | 7/6/2023 |
| Equipment: | Electronic Pressurized Line Leak Detection | | | | Test Expire Date: | 7/6/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Overfill Prev Device | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Overfill Drop Tube Valve | | | | Test Expire Date: | 4/17/2026 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Double Wall | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Galvanized Steel Single Wall Piping | | | | Test Expire Date: | N/A |
| Install Date: | 7/6/2023 | | | | Failed Test Date: | |
| Equipment Type: | Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Double Wall | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Spill Contain Device | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Single Wall Spill Bucket | | | | Test Expire Date: | 4/17/2026 |
| Install Date: | | | | | Failed Test Date: | |
| <u>Tank Information</u> | | | | | | |
| Tank No: | 1 | | | | Capacity: | 9520 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Gasoline |
| Removed Date: | 8/8/2001 | | | | CERCLA Substance: | |
| Install Date: | 1/1/1973 | | | | Current Age: | 28 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 6/1/2001 | | | | Product Date: | 1/1/1973 |
| Red Tag Issue Date: | | | | | Fee Due: | \$0.00 |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 4/25/1986 | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank Information

| | | | |
|----------------------------|------------------|----------------------------|--------------------|
| Tank No: | 5 | Capacity: | 8000 |
| UI No: | | Petroleum Use: | |
| Status: | Currently in use | Product: | Gasoline - Premium |
| Removed Date: | | CERCLA Substance: | |
| Install Date: | 9/5/2001 | Current Age: | 21 |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | | Product Date: | 9/6/2001 |
| Red Tag Issue Date: | | Fee Due: | \$0.00 |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 3/5/2002 | | |

Tank Equipment

| | | | |
|------------------------|--|---------------------------|-----------|
| Equipment Type: | Piping | Last Passing Date: | N/A |
| Equipment: | Fiberglass Double Wall | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Piping | Last Passing Date: | N/A |
| Equipment: | Galvanized Steel Single Wall Piping | Test Expire Date: | N/A |
| Install Date: | 7/6/2023 | Failed Test Date: | |
| Equipment Type: | Piping | Last Passing Date: | 4/17/2023 |
| Equipment: | Single Wall STP/Tanktop Sump | Test Expire Date: | 4/17/2026 |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Spill Contain Device | Last Passing Date: | 7/6/2023 |
| Equipment: | Double Wall Spill Bucket | Test Expire Date: | 7/6/2026 |
| Install Date: | 7/6/2023 | Failed Test Date: | |
| Equipment Type: | Overfill Prev Device | Last Passing Date: | 7/6/2023 |
| Equipment: | Overfill Drop Tube Valve | Test Expire Date: | 7/6/2026 |
| Install Date: | 7/6/2023 | Failed Test Date: | |
| Equipment Type: | Tank | Last Passing Date: | N/A |
| Equipment: | Fiberglass Double Wall | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Piping | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | Last Passing Date: | 4/17/2023 |
| Equipment: | Non-Discriminating Sump Sensor | Test Expire Date: | 4/17/2024 |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Tank | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | Test Expire Date: | N/A |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | Last Passing Date: | 7/6/2023 |
| Equipment: | Electronic Pressurized Line Leak Detection | Test Expire Date: | 7/6/2024 |
| Install Date: | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Tank | Last Passing Date: | 4/17/2023 |
| Equipment: | Automatic Tank Gauging Veeder Root TLS 350 with CSLD | Test Expire Date: | 4/17/2024 |
| Install Date: | | Failed Test Date: | |

Tank Information

| | | | |
|----------------------|------------------|--------------------------|--------------------|
| Tank No: | 6 | Capacity: | 12000 |
| UI No: | | Petroleum Use: | |
| Status: | Currently in use | Product: | Gasoline - Regular |
| Removed Date: | | CERCLA Substance: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------|--|------------------|-------------------------|-----------------------|----------------------------|-----------|
| Install Date: | 9/5/2001 | | | | Current Age: | 21 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | | | | | Product Date: | 9/6/2001 |
| Red Tag Issue Date: | | | | | Fee Due: | \$0.00 |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 3/5/2002 | | | | | |
| <u>Tank Equipment</u> | | | | | | |
| Equipment Type: | Leak Detect - Tank | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Automatic Tank Gauging Veeder Root TLS 350 with CSLD | | | | Test Expire Date: | 4/17/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Spill Contain Device | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Single Wall Spill Bucket | | | | Test Expire Date: | 4/17/2026 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Piping | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Single Wall STP/Tanktop Sump | | | | Test Expire Date: | 4/17/2026 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Double Wall | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Piping | | | | Last Passing Date: | N/A |
| Equipment: | Galvanized Steel Single Wall Piping | | | | Test Expire Date: | N/A |
| Install Date: | 7/6/2023 | | | | Failed Test Date: | |
| Equipment Type: | Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Double Wall | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | 7/6/2023 |
| Equipment: | Electronic Pressurized Line Leak Detection | | | | Test Expire Date: | 7/6/2024 |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Overfill Prev Device | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Overfill Drop Tube Valve | | | | Test Expire Date: | 4/17/2026 |
| Install Date: | 1/27/2021 | | | | Failed Test Date: | |
| Equipment Type: | Corrosion Prot - Tank | | | | Last Passing Date: | N/A |
| Equipment: | Fiberglass Non-Corrosive | | | | Test Expire Date: | N/A |
| Install Date: | | | | | Failed Test Date: | |
| Equipment Type: | Leak Detect - Piping | | | | Last Passing Date: | 4/17/2023 |
| Equipment: | Non-Discriminating Sump Sensor | | | | Test Expire Date: | 4/17/2024 |
| Install Date: | | | | | Failed Test Date: | |
| <u>Tank Information</u> | | | | | | |
| Tank No: | 3 | | | | Capacity: | 7734 |
| UI No: | | | | | Petroleum Use: | |
| Status: | Removed | | | | Product: | Gasoline |
| Removed Date: | 8/8/2001 | | | | CERCLA Substance: | |
| Install Date: | 1/1/1973 | | | | Current Age: | 28 |
| Abandoned Date: | | | | | Abandoned Material: | |
| Last Used Date: | 6/1/2001 | | | | Product Date: | 1/1/1973 |
| Red Tag Issue Date: | | | | | Fee Due: | \$0.00 |
| CAS Code: | | | | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 4/25/1986 | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank Information

| | | | |
|----------------------------|-----------|----------------------------|----------|
| Tank No: | 2 | Capacity: | 9520 |
| UI No: | | Petroleum Use: | |
| Status: | Removed | Product: | Gasoline |
| Removed Date: | 8/8/2001 | CERCLA Substance: | |
| Install Date: | 1/1/1973 | Current Age: | 28 |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | 6/1/2001 | Product Date: | 1/1/1973 |
| Red Tag Issue Date: | | Fee Due: | \$0.00 |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 4/25/1986 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|--------------|
| Owner No: | U0027449 | Owner Status: | Former Owner |
| Owner Name: | Equilon Enterprises, LLC | Purchase Date: | 1/1/1973 |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2007045 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|--------------|
| Owner No: | U0013849 | Owner Status: | Former Owner |
| Owner Name: | Shell Oil Products | Purchase Date: | 12/31/1967 |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2007045 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0034774 | Owner Status: | Current Owner |
| Owner Name: | Rockbuild Enterprises, Inc. | Purchase Date: | 2/6/2002 |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2007045 | | |

Owner Details

| | | | |
|-----------------------|---------------------------------------|-----------------------------|----------------------------|
| Owner Name: | Rockbuild Enterprises, Inc. | Type Financial Resp: | Designated Savings Account |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | 10/31/2023 |
| Purchase Date: | 2/6/2002 | | |
| Owner Address: | 3720 Albert Lane Long Grove, IL 60047 | | |

IEMA No

| | | | |
|-------------------|---|-------------------------|-------------|
| Permit No: | 106322 | Inspection Date: | 8/8/2001 |
| IEMA No: | 99-0250 | Inspection Type: | Removal Log |
| IEMA Link: | https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx | | |

LUST Fund Eligibility

| | | | |
|--------------------|---|--------------------------|-----------|
| IEMA No: | 99-0250 | OSFM Received Dt: | 5/12/1999 |
| Status: | Eligible | OSFM Response Dt: | 5/25/1999 |
| Deductible: | \$10,000 | | |
| Letter: | | | |
| IEMA Link: | https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx | | |

Dispenser Information

| | |
|----------------------------------|---------|
| Name ID: | 1/2 |
| Status: | Active |
| Sensor Shuts Down Product | Unknown |
| Pum: | |

Name ID: 5/6

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------|-------------------|-----------|------------------|----------------|------|----|
| Status: | | Active | | | | |
| Sensor Shuts Down Product Pum: | | Unknown | | | | |
| Name ID: | | 7/8 | | | | |
| Status: | | Active | | | | |
| Sensor Shuts Down Product Pum: | | Unknown | | | | |
| Name ID: | | 3/4 | | | | |
| Status: | | Active | | | | |
| Sensor Shuts Down Product Pum: | | Unknown | | | | |

Facility Details

MFD Forms Status:
MFD Permit Issue Dt: 7/13/2023
MFD Permit Exp Dt: 12/31/2025
Property Parcel:
Pending Nov: No
Permit History Link: <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2007045>

Green Tag Decal: Y002072
Green Tag Issue Date: 7/13/2023
Green Tag Exp Date: 12/31/2025
Motor Fuel Type: Self Service

| | | | | | | |
|--------------------|---------|----|---------------|-------------|---|--------|
| 12 | 3 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | EQUILON ENTERPRISES LLC.
11501 HALSTED ST.
CHICAGO IL | SPILLS |
|--------------------|---------|----|---------------|-------------|---|--------|

Incident No: 990250
Date/Time Occurred:
Media Release:
Facility Manager:
Fac Manager Phone:
Responsible Party Street: 603 DIEHL RD., SUITE 103, NAPERVILLE, I L 60563
Area Involved: FIXED FACILITY
Milepost:
Section:
Township:
Range:

County: COOK
Latitude:
Longitude:

Hazardous Materials Incident Report

Incident Report Dt: 2/5/1999 7:42:00 AM
Data Input Status: CLOSED
LUST?:
Hazmat Incident Type: LEAK
Caller: LISA SCHOEDEL
Caller Represents: EQUIVA SERVICES LLC.
Street Address: 11501 HALSTED ST.
City: CHICAGO
URL: <https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=990250>
Narrative:

County: COOK
Entered by:
Date Entered:

Follow Up Information:

Materials Involved

Name: GASOLINE
Type: UNKNOWN
CHRIS CODE:
CAS No:
UN/NA No:
Container Type: UNDERGROUND TANK
Container Size: UNDERGROUND TANK
Amount Released: UNK

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Rate of Release Min:
 Duration of Release:
 Cause of Release: UNK
 Est Spill Extent:
 Spill Extent Units:
 Date/Time Inc Occur:
 Unknown Occurr:
 Date/Time Discov: 02/04/99 1330
 Unknown Discovered:
 Where Taken:
 On Scene Contact:
 No of People Evacuat:
 A 302(a) Extremely Haz Sub?:
 A RCRA Hazardous Waste?:
 A RCRA Regulated Facility?:
 Public Health Risks:
 State Agency Assistance:
 Containment/Cleanup Plans:

| | | | | | | |
|--------------------|---------|----|---------------|-------------|---|------------------|
| 12 | 4 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL
11501 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|----|---------------|-------------|---|------------------|

Facility ID: 2007045
 Owner: See Environmental Permit Dataset
 Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | 0001 | Street No from: | 11501 |
| Installation Date: | | Street No to: | 11501 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | 05/01/2001 | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.685029586669295 |
| Tank Construction: | | Longitude: | -87.64200453218888 |
| Tank Product: | GASOLINE | | |
| Tank Capacity: | 10000 | | |
| Location: | POINT (-87.64200453218888 41.685029586669295) | | |
| Comment: | REMOVED 8/8/2001, Historic data from former Dept. of Environment [Associated Permit Numbers: 106322 106176 106322;] | | |

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | 0004 | Street No from: | 11501 |
| Installation Date: | 02/06/2002 | Street No to: | 11501 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | FRP | Latitude: | 41.685029586669295 |
| Tank Construction: | DOUBLE | Longitude: | -87.64200453218888 |
| Tank Product: | GASOLINE-R | | |
| Tank Capacity: | 12000 | | |
| Location: | POINT (-87.64200453218888 41.685029586669295) | | |
| Comment: | IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion Protection: FRP; Tank Overfill Protection: Automatic Shut-off; Piping Type: Pressurized Piping; Piping Leak Protection: Continuous Alarm System; Piping Corrosion Protection: Flexible piping; Piping Wall: Double; Pipe Material: Flexible piping; Stage 2: Y 106717; Red Tag: N; Associated Permit Numbers: 106717 106716;] | | |

| | | | |
|--------------------|--------------------------|-----------------|--------------------|
| Tank ID: | 0005 | Street No from: | 11501 |
| Installation Date: | 02/06/2002 | Street No to: | 11501 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | FRP | Latitude: | 41.685029586669295 |
| Tank Construction: | DOUBLE | Longitude: | -87.64200453218888 |
| Tank Product: | GASOLINE-P | | |
| Tank Capacity: | 8000 | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|--------------------------|---|------------------|----------------|--------------------------------------|----|
| Location: | | POINT (-87.64200453218888 41.685029586669295) | | | | |
| Comment: | | IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion Protection: FRP; Tank Overfill Protection: Automatic Shut-off; Piping Type: Pressurized Piping; Piping Leak Protection: Continuous Alarm System; Piping Corrosion Protection: Flexible piping; Piping Wall: Double; Pipe Material: Flexible piping; Stage 2: Y 106717; Red Tag: N; Associated Permit Numbers: 106717 106716;] | | | | |
| Tank ID: | 0002 | | | | Street No from: 11501 | |
| Installation Date: | | | | | Street No to: 11501 | |
| Removal Date: | | | | | Street Name: HALSTED | |
| Last Used Date: | 05/01/2001 | | | | Street Type: ST | |
| Tank Type: | UNDERGROUND STORAGE TANK | | | | Direction: S | |
| Tank Material: | | | | | Latitude: 41.685029586669295 | |
| Tank Construction: | | | | | Longitude: -87.64200453218888 | |
| Tank Product: | GASOLINE | | | | | |
| Tank Capacity: | 10000 | | | | | |
| Location: | | POINT (-87.64200453218888 41.685029586669295) | | | | |
| Comment: | | REMOVED 8/8/2001, Historic data from former Dept. of Environment [Associated Permit Numbers: 106322 106176 106322;] | | | | |
| Tank ID: | 0003 | | | | Street No from: 11501 | |
| Installation Date: | | | | | Street No to: 11501 | |
| Removal Date: | | | | | Street Name: HALSTED | |
| Last Used Date: | 05/01/2001 | | | | Street Type: ST | |
| Tank Type: | UNDERGROUND STORAGE TANK | | | | Direction: S | |
| Tank Material: | | | | | Latitude: 41.685029586669295 | |
| Tank Construction: | | | | | Longitude: -87.64200453218888 | |
| Tank Product: | GASOLINE | | | | | |
| Tank Capacity: | 8000 | | | | | |
| Location: | | POINT (-87.64200453218888 41.685029586669295) | | | | |
| Comment: | | REMOVED 8/8/2001, Historic data from former Dept. of Environment [Associated Permit Numbers: 106322 106176 106322;] | | | | |
| Tank ID: | 0006 | | | | Street No from: 11501 | |
| Installation Date: | 02/06/2002 | | | | Street No to: 11501 | |
| Removal Date: | | | | | Street Name: HALSTED | |
| Last Used Date: | | | | | Street Type: ST | |
| Tank Type: | UNDERGROUND STORAGE TANK | | | | Direction: S | |
| Tank Material: | FRP | | | | Latitude: 41.685029586669295 | |
| Tank Construction: | DOUBLE | | | | Longitude: -87.64200453218888 | |
| Tank Product: | DIESEL | | | | | |
| Tank Capacity: | 4000 | | | | | |
| Location: | | POINT (-87.64200453218888 41.685029586669295) | | | | |
| Comment: | | IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging; Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion Protection: FRP; Tank Overfill Protection: Automatic Shut-off; Piping Type: Pressurized Piping; Piping Leak Protection: Continuous Alarm System; Piping Corrosion Protection: Flexible piping; Piping Wall: Double; Pipe Material: Flexible piping; Stage 2: N 106717; Red Tag: N; Associated Permit Numbers: 106717 106716;] | | | | |

[12](#) 5 of 19 SE 0.04 / 235.52 617.80 / -1 SHELL OIL 11501 S HALSTED ST CHICAGO IL TANKS CHICAGO

Facility ID: 11501HA1971-11-29
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 11/29/1971
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:

Street No from: 11501
Street No to: 11515
Street Name: HALSTED
Street Type: ST
Direction: S
Latitude: 41.685029586669295
Longitude: -87.64200453218888

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---|-------------------|-----------|------------------|----------------|------|----|
| Tank Capacity: | | | | | | |
| Location: POINT (-87.64200453218888 41.685029586669295) | | | | | | |
| Comment: WORK BY: H & H TANK INSTALLERS; INSTALL 2-10K & 1-8K GSLN, 1-1K WO CANCELLED 11/13/72 | | | | | | |

[12](#) 6 of 19 SE 0.04 / 235.52 617.80 / -1 SHELL OIL 11501 S HALSTED ST CHICAGO IL TANKS CHICAGO

Facility ID: 11501HA1972-05-26
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID: **Street No from:** 11501
Installation Date: 05/26/1972 **Street No to:** 11515
Removal Date: **Street Name:** HALSTED
Last Used Date: **Street Type:** ST
Tank Type: UNDERGROUND STORAGE TANK **Direction:** S
Tank Material: **Latitude:** 41.685029586669295
Tank Construction: **Longitude:** -87.64200453218888
Tank Product:
Tank Capacity:
Location: POINT (-87.64200453218888 41.685029586669295)
Comment: WORK BY: H & H TANK INSTALLERS; INSPECT 2-10K & 1-8K FBGLS GSLN FINAL 11/13/72

[12](#) 7 of 19 SE 0.04 / 235.52 617.80 / -1 MOBIL 11501 S HALSTED ST, CHICAGO, IL IL PERMITS CHICAGO

Application ID: DOEUST106414 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 08/14/2001 **Application Subtype:** STAGE II

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: MOHAMMED ASIF **Direction:** S
Expiration Date: 02/14/2002 **Street Name:** HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 11501
Location: POINT (-87.64197 41.68476)
Comment:

[CONTRACTOR: GI-LA BUILDERS INC] PERMIT # 106414 IS NOT GOOD ISSUED ANOTHER PERMIT**Note: Many records provided by the department have a truncated Comment field.

[12](#) 8 of 19 SE 0.04 / 235.52 617.80 / -1 MOBIL 11501 S HALSTED ST, CHICAGO, IL IL PERMITS CHICAGO

Application ID: DOEUST106717 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 01/28/2002 **Application Subtype:** STAGE II

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: MOHAMMED ASIF **Direction:** S
Expiration Date: 07/28/2002 **Street Name:** HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 11501

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Location: POINT (-87.64197 41.68476)
 Comment:

[CONTRACTOR: GI-LA BUILDERS INC] NEW PERMIT FOR FINAL INSPECTION #106414 IS NOT GOOD**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|---------|----|---------------|-------------|---|--------------------|
| 12 | 9 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL
11501 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|---------|----|---------------|-------------|---|--------------------|

Application ID: DOEUST103391
 Issue or Entry Date: 09/04/1997
 Application Type: UNDERGROUND STORAGE TANK
 Application Subtype: UPGRADE

CDPH Environmental Permit Details

| | | | |
|------------------|-------------------------------|---------------|---------|
| Status: | CLOSED | Street No to: | |
| Applicant: | MOHAMMED ASIF | Direction: | S |
| Expiration Date: | 09/12/1998 | Street Name: | HALSTED |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | Street Type: | ST |
| Street No from: | 11501 | | |
| Location: | POINT (-87.64197 41.68476) | | |
| Comment: | | | |

[CONTRACTOR: H & H TANK INSTALLERS] UPGRADE OF LEAK DETYECTON SYSTEM ONLY**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|--------------------|
| 12 | 10 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL
11501 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|---|--------------------|

Application ID: DOEUST106413
 Issue or Entry Date: 08/14/2001
 Application Type: UNDERGROUND STORAGE TANK
 Application Subtype: INSTALL

CDPH Environmental Permit Details

| | | | |
|------------------|-------------------------------|---------------|---------|
| Status: | CLOSED | Street No to: | |
| Applicant: | MOHAMMED ASIF | Direction: | S |
| Expiration Date: | 02/14/2002 | Street Name: | HALSTED |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | Street Type: | ST |
| Street No from: | 11501 | | |
| Location: | POINT (-87.64197 41.68476) | | |
| Comment: | | | |

[CONTRACTOR: GI-LA BUILDERS INC] PERMIT # 106413 IS NOT GOOD ISSUED ANOTHER PERMIT**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|--------------------|
| 12 | 11 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOHAMMAD ASIF
11501 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|---|--------------------|

Application ID: DOEAIR26491
 Issue or Entry Date: 05/28/2010
 Application Type: AIR POLLUTION CONTROL PERMIT
 Application Subtype: EQUIPMENT INSTALLATION

CDPH Environmental Permit Details

| | | | |
|------------------|------------|---------------|---------|
| Status: | CLOSED | Street No to: | |
| Applicant: | | Direction: | S |
| Expiration Date: | 11/24/2010 | Street Name: | HALSTED |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Data Source: HISTORIC DEPT. OF ENVIRONMENT
Street No from: 11501
Location: POINT (-87.64197 41.68476)
Comment:

QTY: 1.0 COMBUSTION EMISSION UNIT: RTU/ MAKE AND MODEL: GOODMAN-CPG0902103B/ MAXIMUM OUTPUT: 168,000 BTU/HR**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|--------------------|
| 12 | 12 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL
11501 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|---|--------------------|

Application ID: DOEUST106176
Issue or Entry Date: 04/16/2001
Application Type: UNDERGROUND STORAGE TANK
Application Subtype: UPGRADE LEAK DET

CDPH Environmental Permit Details

Status: CLOSED
Applicant: MOHAMMED ASIF
Expiration Date: 10/16/2001
Data Source: HISTORIC DEPT. OF ENVIRONMENT
Street No from: 11501
Location: POINT (-87.64197 41.68476)
Comment:

Street No to:
Direction: S
Street Name: HALSTED
Street Type: ST

[CONTRACTOR: H & H TANK INSTALLERS] EXISTING VEEDER ROOT TLS 350 WITH MAG.1**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|--------------------|
| 12 | 13 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL
11501 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|---|--------------------|

Application ID: DOEUST100838
Issue or Entry Date: 03/30/1994
Application Type: UNDERGROUND STORAGE TANK
Application Subtype: UPGRADE/S2

CDPH Environmental Permit Details

Status: CLOSED
Applicant: MOHAMMED ASIF
Expiration Date: 10/04/1994
Data Source: HISTORIC DEPT. OF ENVIRONMENT
Street No from: 11501
Location: POINT (-87.64197 41.68476)
Comment:

Street No to:
Direction: S
Street Name: HALSTED
Street Type: ST

[CONTRACTOR: H & H TANK INSTALLERS]**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|--------------------------|--------------------|
| 12 | 14 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | 11501 S HALSTED ST
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|--------------------------|--------------------|

Application ID: USTGRD114291
Issue or Entry Date: 04/20/2011
Application Type: UNDERGROUND STORAGE TANK
Application Subtype: ANNUAL GREEN DECAL

CDPH Environmental Permit Details

Status: OPEN
Applicant: MR MOHAMMED ASIF
Expiration Date:

Street No to:
Direction: S
Street Name: HALSTED

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------|----------------------------|-----------|------------------|----------------|------------------------|----|
| Data Source: | DEPT. OF PUBLIC HEALTH | | | | Street Type: ST | |
| Street No from: | 11501 | | | | | |
| Location: | POINT (-87.64197 41.68476) | | | | | |
| Comment: | | | | | | |

{APPLICATION COMMENTS: [CONTRACTOR:]}{TANKS: }**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|--------------------|
| 12 | 15 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL
11501 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|---|--------------------|

Application ID: DOEUST106322 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 06/18/2001 **Application Subtype:** REMOVE

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: MOHAMMED ASIF **Direction:** S
Expiration Date: 01/05/2002 **Street Name:** HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 11501
Location: POINT (-87.64197 41.68476)
Comment:

[CONTRACTOR: H & H TANK INSTALLERS] DISCONTINUED USE.**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|--------------------|
| 12 | 16 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL OIL GAS STATION
11501 S HALSTED ST
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|---|--------------------|

Application ID: USTST2115459 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 11/02/2011 **Application Subtype:** STAGE 2

CDPH Environmental Permit Details

Status: OPEN **Street No to:**
Applicant: MR MOHAMMED ASIF **Direction:** S
Expiration Date: **Street Name:** HALSTED
Data Source: DEPT. OF PUBLIC HEALTH **Street Type:** ST
Street No from: 11501
Location: POINT (-87.64197 41.68476)
Comment:

{APPLICATION COMMENTS: [CONTRACTOR:]11501 S HALSTED ST

CHICAGO IL 60628}{TANKS: }**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|--------------------|
| 12 | 17 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | MOBIL
11501 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|----------|----|---------------|-------------|---|--------------------|

Application ID: DOEUST106716 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 01/28/2002 **Application Subtype:** INSTALL

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: MOHAMMED ASIF **Direction:** S
Expiration Date: 07/28/2002 **Street Name:** HALSTED

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------|-------------------------------|-----------|------------------|----------------|------------------------|----|
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | | | | Street Type: ST | |
| Street No from: | 11501 | | | | | |
| Location: | POINT (-87.64197 41.68476) | | | | | |
| Comment: | | | | | | |

[CONTRACTOR: GI-LA BUILDERS INC] NEW PERMIT FOR FINAL INSPECTION#106413 IS NOT GOOD**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|----------|----|---------------|-------------|---|------------------|
| 12 | 18 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | Mobil - 170000528187
11501 S Halsted
Chicago IL 60628 | DELISTED
LUST |
|--------------------|----------|----|---------------|-------------|---|------------------|

Delisted Leaking UST Document

| | | | |
|----------------------------|---|-----------------------------|-----------------|
| Site ID: | | Addr (Geo Search): | |
| System ID: | | City (Geo Search): | |
| Program ID: | 0316495058 | State (Geo Search): | |
| Media Code: | | Postal (Geo Search): | |
| Category: | Leaking UST Technical | Addr (Doc Search): | 11501 S Halsted |
| Interest Type: | | City (Doc Search): | Chicago |
| Latitude Measure: | | State (Doc Search): | IL |
| Longitude Measure: | | Zip (Doc Search): | 60628 |
| X: | | Collection Date: | |
| Y: | | Document Count: | 35 |
| Originating Bureau: | Bureau of Land | Total Pages: | 720 |
| Name (Geo Search): | | | |
| Name (Doc Search): | Mobil - 170000528187 | | |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1Ym91Y1xuUHdkPU4xbWRhJHRyYXRvcjBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMDUyODE4NylgQU5EIFtDQVRFR09SWV09IjlxQSI1 | | |
| Note: | Documents related to facilities in Illinois can be search on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | |
| Data Source: | IEPA Document Explorer - Facility/ Site Search | | |
| Orig Source: | LST2 | | |
| Record Date: | 23-JUL-2020 | | |

| | | | | | | |
|--------------------|----------|----|---------------|-------------|--|------------------|
| 12 | 19 of 19 | SE | 0.04 / 235.52 | 617.80 / -1 | Shell Oil Co - 170000528187
11501 S Halsted
Chicago IL 60628 | LUST
DOCUMENT |
|--------------------|----------|----|---------------|-------------|--|------------------|

| | | | |
|----------------------------|---|----------------------------|----------------|
| Site ID: | | Originating Bureau: | Bureau of Land |
| System ID: | | City (Doc Search): | Chicago |
| Program ID: | 0316495058 | State (Doc Search): | IL |
| Interest Type: | | Zip (Doc Search): | 60628 |
| Media Code: | | City (Geo Search): | |
| Category: | Leaking UST Technical | State (Geo Search): | |
| Document Indicator: | | Zip (Geo Search): | |
| Document Count: | 35 | Latitude: | |
| Total Pages: | 720 | Longitude: | |
| Revision Date Time: | | X: | |
| Collection Date: | | Y: | |
| Name (Doc Search): | Shell Oil Co - 170000528187 | | |
| Addr (Doc Search): | 11501 S Halsted | | |
| Name (Geo Search): | | | |
| Addr (Geo Search): | | | |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1Ym91Y1xuUHdkPU4xbWRhJHRyYXRvcjBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMDUyODE4NylgQU5EIFtDQVRFR09SWV09IjlxQSI1 | | |
| Data Source: | IEPA Document Explorer - Facility/Site Search | | |
| Note: | Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|----------------|--|-----|
| 13 | 1 of 5 | WSW | 0.05 / 284.41 | 619.78 / 1 | Former Cha Warehouse
901 W. 115th Street Chicago, IL
60628
IL | UST |

Facility No: 2042212
Facility Status: Exempt
Fac Details Status: Exempt
Fac Type Fac Details: None
Owner Name: Preferred Development
Facility URL: <http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2042212>

Facility Type: None
Owner Type:
Owner Status: Current Owner
County: Cook

Tank Information

Tank No: 1
UI No:
Status: Pre 1974
Removed Date:
Install Date:
Abandoned Date:
Last Used Date: 12/31/1973
Red Tag Issue Date:
CAS Code:
OSFM First Noti Dt:

Capacity: 3000
Petroleum Use:
Product: Heating Oil
CERCLA Substance:
Current Age:
Abandoned Material:
Product Date:
Fee Due:
Regulated Status: Exempt

Owner Summary

Owner No: U0027885
Owner Name: Preferred Development
Ownership History: <http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2042212>

Owner Status: Current Owner
Purchase Date:

Owner Details

Owner Name: Preferred Development
Owner Status: Current Owner
Purchase Date:
Owner Address: 141 W. Jackson Chicago, IL 60601

Type Financial Resp:
Fin Resp Rpt Due:

Facility Details

MFD Forms Status:
MFD Permit Issue Dt:
MFD Permit Exp Dt:
Property Parcel:
Pending Nov: No
Permit History Link: <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2042212>

Green Tag Decal:
Green Tag Issue Date:
Green Tag Exp Date:
Motor Fuel Type:

| | | | | | | |
|--------------------|--------|-----|---------------|------------|--|------------------|
| 13 | 2 of 5 | WSW | 0.05 / 284.41 | 619.78 / 1 | WILTON ENTERPRISES
901 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|------------|--|------------------|

Facility ID: 901W1051953-10-07
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 10/07/1953
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK

Street No from: 901
Street No to: 901
Street Name: 115TH
Street Type: ST
Direction: W

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---|-------------------|--|------------------|--|---|-----------------|
| Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location:
Comment: | | POINT (-87.6447617011785 41.68493821653153)
WORK BY: OWNER; INSPECT 1-4K S & L NAPTHA | | Latitude:
Longitude: | 41.68493821653153
-87.6447617011785 | |
| 13 | 3 of 5 | WSW | 0.05 / 284.41 | 619.78 / 1 | WILTON ENTERPRISES
901 W 115TH ST
CHICAGO IL | TANKS CHICAGO |
| Facility ID:
Owner:
Data Source(s): | | 901W1051973-02-08
HISTORIC DEPT. OF BUILDINGS | | | | |
| Detail(s) | | | | | | |
| Tank ID:
Installation Date:
Removal Date:
Last Used Date:
Tank Type:
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location:
Comment: | | 02/08/1973
UNDERGROUND STORAGE TANK
POINT (-87.6447617011785 41.68493821653153)
WORK BY: BRANDENBURG DEMOLITION; REMOVE 1-4K GAS | | Street No from:
Street No to:
Street Name:
Street Type:
Direction:
Latitude:
Longitude: | 901
901
115TH
ST
W
41.68493821653153
-87.6447617011785 | |
| 13 | 4 of 5 | WSW | 0.05 / 284.41 | 619.78 / 1 | FORMER CHA WARE HOUSE
901 W 115TH ST
CHICAGO IL | TANKS CHICAGO |
| Facility ID:
Owner:
Data Source(s): | | 2042212
See Environmental Permit Dataset
DEPT. OF PUBLIC HEALTH | | | | |
| Detail(s) | | | | | | |
| Tank ID:
Installation Date:
Removal Date:
Last Used Date:
Tank Type:
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location:
Comment: | | 0001
12/31/1973
UNDERGROUND STORAGE TANK
HEATING OI
3000
POINT (-87.6447617011785 41.68493821653153)
901 W 115TH ST, TO BE REMOVED, Historic data from former Dept. of Environment [Associated Permit Numbers: 107965 107965;] | | Street No from:
Street No to:
Street Name:
Street Type:
Direction:
Latitude:
Longitude: | 901
901
115TH
ST
W
41.68493821653153
-87.6447617011785 | |
| 13 | 5 of 5 | WSW | 0.05 / 284.41 | 619.78 / 1 | FORMER CHA WARE HOUSE
901 W 115TH ST, CHICAGO, IL
IL | PERMITS CHICAGO |
| Application ID:
Issue or Entry Date: | | DOEUST107965
05/05/2004 | | Application Type:
Application Subtype: | UNDERGROUND STORAGE TANK
REMOVE | |
| CDPH Environmental Permit Details | | | | | | |
| Status:
Applicant: | | CLOSED
TOM MORABITO
Street No to:
Direction: | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------|-------------------------------|-----------|------------------|----------------|---------------------------|----|
| Expiration Date: | 11/14/2004 | | | | Street Name: 115TH | |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | | | | Street Type: ST | |
| Street No from: | 901 | | | | | |
| Location: | POINT (-87.64521 41.68504) | | | | | |
| Comment: | | | | | | |

[CONTRACTOR: CHALLENGE CONTRACTORS INC] PRE-74 HEATING OIL TANK REDEVELOPMENT**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|--------|-----|---------------|------------|--|------------------|
| 14 | 1 of 1 | WSW | 0.06 / 291.41 | 619.77 / 1 | VACANT LOT
903 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|------------|--|------------------|

Facility ID: 915W115
Owner: See Environmental Permit Dataset
Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | 0001 | Street No from: | 903 |
| Installation Date: | | Street No to: | 903 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.68493732667478 |
| Tank Construction: | | Longitude: | -87.64483279842146 |
| Tank Product: | KEROSENE | | |
| Tank Capacity: | 4000 | | |
| Location: | POINT (-87.64483279842146 41.68493732667478) | | |
| Comment: | | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|---|------------------|
| 15 | 1 of 2 | NNE | 0.06 / 294.89 | 617.46 / -1 | BEULAH TEMPLE
11325 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|---|------------------|

Facility ID: 11325HA1957-02-25
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 11325 |
| Installation Date: | 02/25/1957 | Street No to: | 11325 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.687955074855225 |
| Tank Construction: | | Longitude: | -87.64209550142726 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64209550142726 41.687955074855225) | | |
| Comment: | WORK BY: C. E. NELSON; INSTALL 1-1K GAL FUEL OIL TANK FINAL 6/10/58 | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|--------------------|
| 15 | 2 of 2 | NNE | 0.06 / 294.89 | 617.46 / -1 | SHELDON HEIGHTS CHURCH
11325 S HALSTED ST, CHICAGO,
IL
IL | PERMITS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|--------------------|

Application ID: DOEAIR7264
Issue or Entry Date: 06/05/2000
Application Type: AIR POLLUTION CONTROL PERMIT
Application Subtype: EQUIPMENT INSTALLATION

CDPH Environmental Permit Details

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Status: CLOSED
Applicant:
Expiration Date: 12/02/2000
Data Source: HISTORIC DEPT. OF ENVIRONMENT
Street No from: 11325
Location: POINT (-87.64216 41.68792)
Comment:
Street No to:
Direction: S
Street Name: HALSTED
Street Type: ST

QTY: 2.0 FURNACE - TRANE MODEL: YCH180B3HO MAX BTU'S: 350,000**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 16 | 1 of 1 | ESE | 0.06 / 301.74 | 617.80 / -1 | KENN. MOTORS
741 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 741W1151959-01-27
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 01/27/1959
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location: POINT (-87.64133159095867 41.684984165441605)
Comment: WORK BY: WATER TUBE BOILER & TANK; INSTALL 1-1K F.O.
Street No from: 741
Street No to: 741
Street Name: 115TH
Street Type: ST
Direction: W
Latitude: 41.684984165441605
Longitude: -87.64133159095867

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 17 | 1 of 1 | ESE | 0.06 / 311.49 | 617.47 / -1 | SEE 11501-17 S HALSTED
751 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 751W1151994-08-23
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 08/23/1994
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location: POINT (-87.64175189130509 41.68497818518388)
Comment: WORK BY: N/G; SEE 11501-17 S HALSTED
Street No from: 751
Street No to: 753
Street Name: 115TH
Street Type: ST
Direction: W
Latitude: 41.68497818518388
Longitude: -87.64175189130509

| | | | | | | |
|--------------------|--------|-----|---------------|------------|---|------------------|
| 18 | 1 of 1 | SSE | 0.06 / 314.16 | 618.13 / 0 | STEWART MOLENAR
11520 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|------------|---|------------------|

Facility ID: 11520HA1952-11-21
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | | Street No from: | 11520 |
| Installation Date: | 11/21/1952 | Street No to: | 11520 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.684451426932945 |
| Tank Construction: | | Longitude: | -87.64227996180901 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64227996180901 41.684451426932945) | | |
| Comment: | WORK BY: STEWART MOLENAR; INSTALL 1-275 GAL FUEL OIL TANK FINAL 6/3/53 | | |

| | | | | | | |
|--------------------|--------|------------|----------------------|--------------------|---|------------|
| 19 | 1 of 4 | NNE | 0.06 / 334.29 | 617.80 / -1 | Whitmal Oil Ser Inc
11328 S Halsted Chicago, IL 60628
IL | UST |
|--------------------|--------|------------|----------------------|--------------------|---|------------|

| | | | |
|------------------------------|---|-----------------------|---------------|
| Facility No: | 2000228 | Facility Type: | Other |
| Facility Status: | Closed | Owner Type: | |
| Fac Details Status: | Closed | Owner Status: | Current Owner |
| Fac Type Fac Details: | Other | County: | Cook |
| Owner Name: | Whitmal Oil Ser Inc | | |
| Facility URL: | http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2000228 | | |

Tank Information

| | | | |
|----------------------------|-----------|----------------------------|-----------|
| Tank No: | 1 | Capacity: | 4000 |
| UI No: | | Petroleum Use: | |
| Status: | Removed | Product: | |
| Removed Date: | 1/27/1998 | CERCLA Substance: | |
| Install Date: | 10/1/1987 | Current Age: | 10 |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | 1/15/1998 | Product Date: | 10/1/1987 |
| Red Tag Issue Date: | | Fee Due: | |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 9/17/1998 | | |

Tank Information

| | | | |
|----------------------------|------------|----------------------------|-----------|
| Tank No: | 2 | Capacity: | 4000 |
| UI No: | | Petroleum Use: | |
| Status: | Removed | Product: | Used Oil |
| Removed Date: | 1/27/1998 | CERCLA Substance: | |
| Install Date: | 10/1/1987 | Current Age: | 10 |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | 1/15/1998 | Product Date: | 10/1/1987 |
| Red Tag Issue Date: | | Fee Due: | |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 11/21/1987 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0016354 | Owner Status: | Current Owner |
| Owner Name: | Whitmal Oil Ser Inc | Purchase Date: | 10/1/1987 |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2000228 | | |

Owner Details

| | | | |
|----------------------|---------------------|-----------------------------|--|
| Owner Name: | Whitmal Oil Ser Inc | Type Financial Resp: | |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Purchase Date: 10/1/1987
 Owner Address: 11328 S Halsted Chicago, IL 60628

Facility Details

| | | |
|----------------------|--|-----------------------|
| MFD Forms Status: | | Green Tag Decal: |
| MFD Permit Issue Dt: | | Green Tag Issue Date: |
| MFD Permit Exp Dt: | | Green Tag Exp Date: |
| Property Parcel: | | Motor Fuel Type: |
| Pending Nov: | No | |
| Permit History Link: | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2000228 | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|---|------------------|
| 19 | 2 of 4 | NNE | 0.06 / 334.29 | 617.80 / -1 | WHITMAL OIL SERVICE
11328 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|---|------------------|

Facility ID: 2000228
 Owner: See Environmental Permit Dataset
 Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|--------------------|--|-----------------|-------------------|
| Tank ID: | 0001 | Street No from: | 11328 |
| Installation Date: | | Street No to: | 11328 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68783707559009 |
| Tank Construction: | | Longitude: | -87.6423847832734 |
| Tank Product: | NEW OIL | | |
| Tank Capacity: | 4000 | | |
| Location: | POINT (-87.6423847832734 41.68783707559009) | | |
| Comment: | 11328 S HALSTED, REMOVED 01/27/98, Historic data from former Dept. of Environment [Stage 2: E; Associated Permit Numbers: 103615;] | | |

| | | | |
|--------------------|--|-----------------|-------------------|
| Tank ID: | 0002 | Street No from: | 11328 |
| Installation Date: | | Street No to: | 11328 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68783707559009 |
| Tank Construction: | | Longitude: | -87.6423847832734 |
| Tank Product: | USED OIL | | |
| Tank Capacity: | 4000 | | |
| Location: | POINT (-87.6423847832734 41.68783707559009) | | |
| Comment: | 11328 S HALSTED, REMOVED 01/27/98, Historic data from former Dept. of Environment [Stage 2: E; Associated Permit Numbers: 103615;] | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 19 | 3 of 4 | NNE | 0.06 / 334.29 | 617.80 / -1 | NATHANIAL WITMAL
11328 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 11328HA1987-05-27
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--------------------------|-----------------|-------------------|
| Tank ID: | | Street No from: | 11328 |
| Installation Date: | 05/27/1987 | Street No to: | 11328 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68783707559009 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---|-------------------|-----------|------------------|-------------------|-------------------|----|
| Tank Construction: | | | | Longitude: | -87.6423847832734 | |
| Tank Product: | | | | | | |
| Tank Capacity: | | | | | | |
| Location: POINT (-87.6423847832734 41.68783707559009) | | | | | | |
| Comment: WORK BY: RMC SPECIALTIES; INSTALL 2-4K STIP-3 STEEL W.O. & M.O. TKS FINAL N/G | | | | | | |

[19](#) 4 of 4 **NNE** 0.06 / 334.29 617.80 / -1 **WHITMAL OIL SERVICE**
11328 S HALSTED ST, CHICAGO, IL IL **PERMITS CHICAGO**

Application ID: DOEUST103615 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 12/08/1997 **Application Subtype:** REMOVAL

CDPH Environmental Permit Details

Status: CLOSED **Street No to:** S
Applicant: KENNETH BLOHM **Direction:** HALSTED
Expiration Date: 07/01/1998 **Street Name:** ST
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 11328
Location: POINT (-87.64261 41.6879)
Comment:

[CONTRACTOR: MANKOFF INDUSTRIES INC.] NO RELEASES**Note: Many records provided by the department have a truncated Comment field.

[20](#) 1 of 4 **SE** 0.07 / 380.37 617.88 / -1 **0415 Clark Ser Station**
11525 S Halsted St Chicago, IL 60628 IL **UST**

Facility No: 2009966 **Facility Type:** None
Facility Status: Closed **Owner Type:** Current Owner
Fac Details Status: Closed **Owner Status:** Cook
Fac Type Fac Details: None **County:** Cook
Owner Name: Clark Retail Enterprises, Inc.
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2009966

Tank Information

Tank No: 2 **Capacity:** 5000
UI No: **Petroleum Use:** Gasoline
Status: Removed **Product:** Gasoline
Removed Date: 4/8/1988 **CERCLA Substance:** **Current Age:** 41
Install Date: **Abandoned Material:** **Product Date:** **Fee Due:** \$0.00
Abandoned Date: **Regulated Status:** Federal
Last Used Date: **OSFM First Noti Dt:** 5/2/1986

Tank Information

Tank No: 1 **Capacity:** 5000
UI No: **Petroleum Use:** Gasoline
Status: Removed **Product:** Gasoline
Removed Date: 4/8/1988 **CERCLA Substance:** **Current Age:** 41
Install Date: **Abandoned Material:** **Product Date:** **Fee Due:** \$0.00
Abandoned Date: **Regulated Status:** Federal
Last Used Date: **OSFM First Noti Dt:** 5/2/1986

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank Information

| | | | |
|----------------------------|----------|----------------------------|----------|
| Tank No: | 3 | Capacity: | 10000 |
| UI No: | | Petroleum Use: | |
| Status: | Removed | Product: | Gasoline |
| Removed Date: | 4/8/1988 | CERCLA Substance: | |
| Install Date: | | Current Age: | 41 |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | | Product Date: | |
| Red Tag Issue Date: | | Fee Due: | \$0.00 |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 5/2/1986 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0003073 | Owner Status: | Current Owner |
| Owner Name: | Clark Retail Enterprises, Inc. | Purchase Date: | |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2009966 | | |

Owner Details

| | | | |
|-----------------------|--|-----------------------------|----------------|
| Owner Name: | Clark Retail Enterprises, Inc. | Type Financial Resp: | Self-Insurance |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | |
| Purchase Date: | | | |
| Owner Address: | 3003 Butterfield Road, Suite 300 Oak Brook, IL 60523 | | |

Facility Details

| | | | |
|-----------------------------|--|------------------------------|--|
| MFD Forms Status: | | Green Tag Decal: | |
| MFD Permit Issue Dt: | | Green Tag Issue Date: | |
| MFD Permit Exp Dt: | | Green Tag Exp Date: | |
| Property Parcel: | | Motor Fuel Type: | |
| Pending Nov: | No | | |
| Permit History Link: | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2009966 | | |

| | | | | | | |
|--------------------|--------|----|---------------|-------------|---|------------------|
| 20 | 2 of 4 | SE | 0.07 / 380.37 | 617.88 / -1 | PIZZA HUT
11525 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|----|---------------|-------------|---|------------------|

| | |
|------------------------|-----------------------------|
| Facility ID: | 11525HA1987-10-22 |
| Owner: | |
| Data Source(s): | HISTORIC DEPT. OF BUILDINGS |

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | | Street No from: | 11525 |
| Installation Date: | 10/22/1987 | Street No to: | 11525 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68424992938432 |
| Tank Construction: | | Longitude: | -87.64198089690963 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64198089690963 41.68424992938432) | | |
| Comment: | WORK BY: J & B TRUCKING; REMOVE 1-10K & 2-5K GAL GSLN FINAL 4/8/88 | | |

| | | | | | | |
|--------------------|--------|----|---------------|-------------|---|------------------|
| 20 | 3 of 4 | SE | 0.07 / 380.37 | 617.88 / -1 | PIZZA HUT
11525 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|----|---------------|-------------|---|------------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Facility ID: 11525HA1956-11-23
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | |
|---|--|--------------------------------------|
| Tank ID: | | Street No from: 11525 |
| Installation Date: 11/23/1956 | | Street No to: 11525 |
| Removal Date: | | Street Name: HALSTED |
| Last Used Date: | | Street Type: ST |
| Tank Type: UNDERGROUND STORAGE TANK | | Direction: S |
| Tank Material: | | Latitude: 41.68424992938432 |
| Tank Construction: | | Longitude: -87.64198089690963 |
| Tank Product: | | |
| Tank Capacity: | | |
| Location: POINT (-87.64198089690963 41.68424992938432) | | |
| Comment: WORK BY: NICK GAGLIONS; INSTALL 2-5K GAL GSLN TKS FINAL 5/2/7 | | |

| | | | | | | |
|--------------------|--------|----|---------------|-------------|---|------------------|
| 20 | 4 of 4 | SE | 0.07 / 380.37 | 617.88 / -1 | PIZZA HUT
11525 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|----|---------------|-------------|---|------------------|

Facility ID: 11525HA1972-06-12
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | |
|--|--|--------------------------------------|
| Tank ID: | | Street No from: 11525 |
| Installation Date: 06/12/1972 | | Street No to: 11525 |
| Removal Date: | | Street Name: HALSTED |
| Last Used Date: | | Street Type: ST |
| Tank Type: UNDERGROUND STORAGE TANK | | Direction: S |
| Tank Material: | | Latitude: 41.68424992938432 |
| Tank Construction: | | Longitude: -87.64198089690963 |
| Tank Product: | | |
| Tank Capacity: | | |
| Location: POINT (-87.64198089690963 41.68424992938432) | | |
| Comment: WORK BY: PREMIER PETRO; INSTALL 1-10K GAL GSLN FINAL 7/12/72 | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------|
| 21 | 1 of 1 | ESE | 0.07 / 387.24 | 617.47 / -1 | Community High School Dist. #218
731 West 115th St.
Alsip IL 60803 | LUST |
|--------------------|--------|-----|---------------|-------------|--|------|

| | |
|--|---|
| Incident No: 922574 | LPC No: 0310035119 |
| Incidents ID: 13945 | IEMA Date: 09/14/1992 |
| NFR Date: 10/18/1995 | Regulation: 731 |
| Gasoline: False | C 20 Day Report Date: 10/08/1992 |
| Unleaded: False | C 45 Day Report Date: 12/16/1992 |
| Diesel: False | NFR Recorded Date: |
| Fuel Oil: True | Pre 74 Date: |
| Jet Fuel: False | Proj Manager Phone: |
| Used Oil: False | Proj Mngr First Nm: |
| Non Petroleum Prod: False | Proj Mngr Last Nm: Steinheimer |
| Other Petroleum: False | Proj Manager Email: |
| Non LUST Date: | Site County: Cook |
| Non LUST Letter Dt: | |
| Heating Oil Letter Date: | |
| Free Product Discovery Date: | |
| Primary Resp Party Name: Community High School Dist. #218 | |
| Primary Resp Party Address: 10701 Kilpatrick Ave. | |
| Primary Resp Party City: Oak Lawn | |
| Primary Resp Party State: IL | |
| Primary Resp Party ZIP: 60453 | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Primary Resp Party Phone:
 Primary Resp Party Contact: John Hickey

| | | | | | | |
|--------------------|--------|-----|---------------|------------|--|------------------|
| 22 | 1 of 1 | WSW | 0.07 / 392.46 | 619.40 / 1 | STANDARD OIL
915 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|------------|--|------------------|

Facility ID: 915W1151959-05-22
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--|-----------------|--------------------|
| Tank ID: | | Street No from: | 915 |
| Installation Date: | 05/22/1959 | Street No to: | 915 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.68493123863834 |
| Tank Construction: | | Longitude: | -87.64525956239059 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64525956239059 41.68493123863834) | | |
| Comment: | WORK BY: OWNER; CONVERT 1-4K NAPHTHA TO KEROSENE | | |

| | | | | | | |
|--------------------|--------|-----|---------------|------------|---|-----------|
| 23 | 1 of 1 | SSE | 0.09 / 460.04 | 618.13 / 0 | PEP BOYS #891
11550 SO HALSTED
CHICAGO IL 60648 | RCRA VSQG |
|--------------------|--------|-----|---------------|------------|---|-----------|

EPA Handler ID: ILR000043224
 Gen Status Universe: VSG
 Contact Name: JOHN KERELO
 Contact Address: 3111 W ALLEGHENY AVE , , PHILADELPHIA , PA, 19132 , US
 Contact Phone No and Ext: 215-227-9277
 Contact Email:
 Contact Country: US
 County Name: COOK
 EPA Region: 05
 Land Type: Private
 Receive Date: 19971007
 Location Latitude: 41.683573
 Location Longitude: -87.642197

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No
 Commercial TSD: No
 Used Oil Transporter: No
 Used Oil Transfer Facility: No
 Used Oil Processor: No
 Used Oil Refiner: No
 Used Oil Burner: No

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Used Oil Market Burner: No
 Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 19971007
 Handler Name: PEP BOYS #891
 Federal Waste Generator Code: 3
 Generator Code Description: Very Small Quantity Generator
 Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
 Waste Code Description: DESCRIPTION
 Hazardous Waste Code: D001
 Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

| | | | |
|----------------------|---------------|------------|----------------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street 1: | 3111 W ALLEGHENY AVE |
| Name: | THE PEP BOYS | Street 2: | |
| Date Became Current: | | City: | PHILADELPHIA |
| Date Ended Current: | | State: | PA |
| Phone: | 215-227-9277 | Country: | |
| Source Type: | Notification | Zip Code: | 19132 |

| | | | | | | |
|--------------------|--------|----|---------------|-------------|--|--------------------|
| 24 | 1 of 1 | SW | 0.10 / 515.56 | 614.56 / -4 | LOIS PAYNE
11529 S PEORIA ST, CHICAGO, IL
IL | PERMITS
CHICAGO |
|--------------------|--------|----|---------------|-------------|--|--------------------|

Application ID: DOEAIR2232 Application Type: AIR POLLUTION CONTROL PERMIT
 Issue or Entry Date: 01/24/1996 Application Subtype: EQUIPMENT INSTALLATION

CDPH Environmental Permit Details

| | | | |
|------------------|-------------------------------|---------------|--------|
| Status: | CLOSED | Street No to: | |
| Applicant: | | Direction: | S |
| Expiration Date: | 07/22/1996 | Street Name: | PEORIA |
| Data Source: | HISTORIC DEPT. OF ENVIRONMENT | Street Type: | ST |
| Street No from: | 11529 | | |
| Location: | POINT (-87.64557 41.68417) | | |
| Comment: | | | |

QTY: 1.0 NEW FURNACE - CARRIER MAX.BTU 110,000**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 25 | 1 of 3 | SSE | 0.10 / 545.07 | 617.74 / -1 | AUTO ZONE # 5248
11550 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 11550SHALS
 Owner: SAFETY-KLEEN INDUSTRIES
 Data Source(s): HISTORIC DEPT.OF ENVIRONMENT

Detail(s)

| | | | |
|--------------------|--|-----------------|-------|
| Tank ID: | | Street No from: | 11550 |
| Installation Date: | | Street No to: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|--|-----------|------------------|---------------------|--------------------|----|
| Removal Date: | | | | Street Name: | HALSTED | |
| Last Used Date: | | | | Street Type: | ST | |
| Tank Type: | ABOVEGROUND STORAGE TANK | | | Direction: | S | |
| Tank Material: | | | | Latitude: | 41.68355538060631 | |
| Tank Construction: | DOUBLE WALL STEEL | | | Longitude: | -87.64224895025245 | |
| Tank Product: | WASTE OIL | | | | | |
| Tank Capacity: | NO. OF TANKS: 1 (1-185 GALLON) | | | | | |
| Location: | POINT (-87.64224895025245 41.68355538060631) | | | | | |
| Comment: | DATE OF REPORT: 05/21/2008 | | | | | |

[25](#) 2 of 3 **SSE** 0.10 / 545.07 617.74 / -1 **PEP BOYS-PARTS USA**
11550 S HALSTED ST, CHICAGO, IL IL **PERMITS CHICAGO**

Application ID: DOEAIR4251 **Application Type:** AIR POLLUTION CONTROL PERMIT
Issue or Entry Date: 12/26/1997 **Application Subtype:** EQUIPMENT INSTALLATION

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: **Direction:** S
Expiration Date: 06/24/1998 **Street Name:** HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 11550
Location: POINT (-87.64248 41.6834)
Comment:

QTY: 4.0 NEW CARRIER FURNACE MODEL 48HJ#008 MAXBTU:180,000, MINBTU:67,200 ,QTY: 1.0 NEW REZNOR FURNACE MODEL F-75 MAXBTU:75,000,MINBTU:60,000**Note: Many records provided by the department have a truncated Comment field.

[25](#) 3 of 3 **SSE** 0.10 / 545.07 617.74 / -1 **AUTO ZONE # 5248**
11550 S HALSTED ST, CHICAGO, IL IL **PERMITS CHICAGO**

Application ID: DOEASTA00883 **Application Type:** ABOVEGROUND STORAGE TANK
Issue or Entry Date: 05/27/2008 **Application Subtype:** INSTALL/NONDISPENSING

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: SAFETY-KLEEN INDUSTRIES DICK ZINK **Direction:** S
Expiration Date: 11/27/2008 **Street Name:** HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 11550
Location: POINT (-87.64248 41.6834)
Comment:

FACILITY ID: 11550SHALS, NUMBER OF TANKS: 1 TANKS SIZES: 1-185 GALLON WASTE OIL, COMMENTS:**Note: Many records provided by the department have a truncated Comment field.

[26](#) 1 of 3 **NNE** 0.12 / 608.81 617.47 / -1 **Devotion Unisex Beauty Salon**
11300 S Halsted St Chicago, IL 60628 IL **UST**

Facility No: 2032718 **Facility Type:** Commercial / Retail
Facility Status: Exempt **Owner Type:** Private
Fac Details Status: Exempt **Owner Status:** Current Owner
Fac Type Fac Details: Commercial / Retail **County:** Cook
Owner Name: Juanita Wilson
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2032718

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank Information

| | | | |
|----------------------------|------------|----------------------------|---|
| Tank No: | 1 | Capacity: | 500 |
| UI No: | | Petroleum Use: | Consumptive Use on Premises for Heating |
| Status: | Removed | Product: | Heating Oil |
| Removed Date: | 1/4/1994 | CERCLA Substance: | |
| Install Date: | | Current Age: | |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | 1/1/1969 | Product Date: | |
| Red Tag Issue Date: | | Fee Due: | |
| CAS Code: | | Regulated Status: | Exempt |
| OSFM First Noti Dt: | 11/12/1993 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0022323 | Owner Status: | Current Owner |
| Owner Name: | Juanita Wilson | Purchase Date: | 4/19/1988 |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2032718 | | |

Owner Details

| | | | |
|-----------------------|--------------------------------------|-----------------------------|--|
| Owner Name: | Juanita Wilson | Type Financial Resp: | |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | |
| Purchase Date: | 4/19/1988 | | |
| Owner Address: | 11300 S Halsted St Chicago, IL 60628 | | |

Facility Details

| | | | |
|-----------------------------|--|------------------------------|--|
| MFD Forms Status: | | Green Tag Decal: | |
| MFD Permit Issue Dt: | | Green Tag Issue Date: | |
| MFD Permit Exp Dt: | | Green Tag Exp Date: | |
| Property Parcel: | | Motor Fuel Type: | |
| Pending Nov: | No | | |
| Permit History Link: | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2032718 | | |

| | | | | | | |
|--------------------|--------|------------|----------------------|--------------------|---|--------------------------|
| 26 | 2 of 3 | NNE | 0.12 / 608.81 | 617.47 / -1 | JUANITA WILSON
11300 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|------------|----------------------|--------------------|---|--------------------------|

| | |
|------------------------|----------------------------------|
| Facility ID: | 2032718 |
| Owner: | See Environmental Permit Dataset |
| Data Source(s): | DEPT. OF PUBLIC HEALTH |

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | 0001 | Street No from: | 11300 |
| Installation Date: | | Street No to: | 11300 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68862635431568 |
| Tank Construction: | | Longitude: | -87.64240882922468 |
| Tank Product: | HEATING OI | | |
| Tank Capacity: | 500 | | |
| Location: | POINT (-87.64240882922468 41.68862635431568) | | |
| Comment: | 11300 S HALSTED, REMOVED 01/04/94, Historic data from former Dept. of Environment [Associated Permit Numbers: 100668;] | | |

| | | | | | | |
|--------------------|--------|------------|----------------------|--------------------|--|----------------------------|
| 26 | 3 of 3 | NNE | 0.12 / 608.81 | 617.47 / -1 | JUANITA WILSON
11300 S HALSTED ST, CHICAGO, | PERMITS
CHICAGO |
|--------------------|--------|------------|----------------------|--------------------|--|----------------------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

IL
IL

Application ID: DOEUST100668 **Application Type:** UNDERGROUND STORAGE TANK
Issue or Entry Date: 12/01/1993 **Application Subtype:** REMOVAL

CDPH Environmental Permit Details

Status: CLOSED **Street No to:**
Applicant: KENNETH BLOHM **Direction:** S
Expiration Date: 07/02/1994 **Street Name:** HALSTED
Data Source: HISTORIC DEPT. OF ENVIRONMENT **Street Type:** ST
Street No from: 11300
Location: POINT (-87.64267 41.68857)
Comment:

[CONTRACTOR: M & O ENVIRONMENTAL COMPANY]**Note: Many records provided by the department have a truncated Comment field.

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 27 | 1 of 1 | SSE | 0.13 / 686.83 | 617.46 / -1 | ROLLAND BERTROND
820 W 116TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 820W1161958-03-12
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 03/12/1958 **Street No from:** 820
Removal Date: **Street No to:** 834
Last Used Date: **Street Name:** 116TH
Tank Type: UNDERGROUND STORAGE TANK **Street Type:** ST
Tank Material: **Direction:** W
Tank Construction: **Latitude:** 41.6833871310444
Tank Product: **Longitude:** -87.64292052996193
Tank Capacity:
Location: POINT (-87.64292052996193 41.6833871310444)
Comment: WORK BY: NOT LET; INSTALL 1-3K F.O.

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 28 | 1 of 3 | SSE | 0.13 / 703.66 | 617.48 / -1 | MIDWEST EQUITIES LTD
11601 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 11601HA1987-08-03
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 08/03/1987 **Street No from:** 11601
Removal Date: **Street No to:** 11605
Last Used Date: **Street Name:** HALSTED
Tank Type: UNDERGROUND STORAGE TANK **Street Type:** ST
Tank Material: **Direction:** S
Tank Construction: **Latitude:** 41.683965981343604
Tank Product: **Longitude:** -87.64197102679546
Tank Capacity:
Location: POINT (-87.64197102679546 41.683965981343604)
Comment: WORK BY: G. M. WRECKING; REMOVE 1-10K GSLN & 1-1K F.O. TKS FINAL 10/7/87

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|----------------|--|------------------|
| 28 | 2 of 3 | SSE | 0.13 / 703.66 | 617.48 / -1 | MIDWEST EQUITIES LTD
11601 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |

Facility ID: 11601HA1978-07-31
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--|-----------------|--------------------|
| Tank ID: | | Street No from: | 11601 |
| Installation Date: | 07/31/1978 | Street No to: | 11605 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.683965981343604 |
| Tank Construction: | | Longitude: | -87.64197102679546 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64197102679546 41.683965981343604) | | |
| Comment: | WORK BY: KENNY TANK; INSTALL 1-10K GAL FBGLS GSLN TK FINAL 8/11/78 | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 28 | 3 of 3 | SSE | 0.13 / 703.66 | 617.48 / -1 | MIDWEST EQUITIES LTD
11601 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 11601HA1955-02-09
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | | Street No from: | 11601 |
| Installation Date: | 02/09/1955 | Street No to: | 11605 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.683965981343604 |
| Tank Construction: | | Longitude: | -87.64197102679546 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64197102679546 41.683965981343604) | | |
| Comment: | WORK BY: NOT LET; INSTALL 1-1K GAL FUEL OIL TANK FINAL 10/30/56 | | |

| | | | | | | |
|--------------------|--------|---|---------------|-------------|--|-----------|
| 29 | 1 of 2 | S | 0.13 / 704.59 | 617.22 / -1 | SERVICE KING PAINT & BODY
LLC
821 W 116TH ST
CHICAGO IL 60643 | RCRA VSQG |
|--------------------|--------|---|---------------|-------------|--|-----------|

EPA Handler ID: ILD982209991
 Gen Status Universe: VSG
 Contact Name: JUAN GUERRERO
 Contact Address: 2600 N CENTRAL EXPY STE 400 , , RICHARDSON , TX, 75080 , US
 Contact Phone No and Ext: 972-960-7595 2160
 Contact Email: JUAN.GUERRERO@SERVICEKING.COM
 Contact Country: US
 County Name: COOK
 EPA Region: 05
 Land Type: Private
 Receive Date: 20151215
 Location Latitude: 41.683221
 Location Longitude: -87.643256

Violation/Evaluation Summary

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19870812
Handler Name: ROSELAND AUTO BODY
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20151215
Handler Name: SERVICE KING PAINT & BODY LLC
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

| | | | |
|-----------------------------|---------------|-------------------|----------------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street 1: | ADDRESS NOT REPORTED |
| Name: | DERE AL | Street 2: | |
| Date Became Current: | | City: | CITY NOT REPORTED |
| Date Ended Current: | | State: | AK |
| Phone: | 312-555-1212 | Country: | |
| Source Type: | Notification | Zip Code: | 99998 |

| | | | |
|-----------------------------|---------------|-------------------|---------------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street 1: | 2600 N CENTRAL EXPY |
| Name: | SERVICE KING | Street 2: | |
| Date Became Current: | 20150227 | City: | RICHARDSTON |
| Date Ended Current: | | State: | IN |
| Phone: | 219-712-6140 | Country: | US |
| Source Type: | Notification | Zip Code: | 46311 |

| | | | |
|-----------------------------|------------------|-------------------|---------------------|
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street 1: | 2600 N CENTRAL EXPY |
| Name: | SERVICE KING | Street 2: | |
| Date Became Current: | 20150227 | City: | RICHARDSTON |
| Date Ended Current: | | State: | IN |
| Phone: | 219-712-6140 | Country: | US |
| Source Type: | Notification | Zip Code: | 46311 |

| | | | |
|-----------------------------|-------------------|-------------------|----------------------|
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street 1: | ADDRESS NOT REPORTED |
| Name: | NAME NOT REPORTED | Street 2: | |
| Date Became Current: | | City: | CITY NOT REPORTED |
| Date Ended Current: | | State: | AK |
| Phone: | 312-555-1212 | Country: | |
| Source Type: | Notification | Zip Code: | 99998 |

Historical Handler Details

Receive Dt: 19870812
Generator Code Description: Small Quantity Generator
Handler Name: ROSELAND AUTO BODY

| | | | | | | |
|--------------------|--------|---|---------------|-------------|---|------------------|
| 29 | 2 of 2 | S | 0.13 / 704.59 | 617.22 / -1 | GENO DERE
821 W 116TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|---|---------------|-------------|---|------------------|

Facility ID: 821W1161959-05-18
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Detail(s)

Tank ID:
Installation Date: 05/18/1959
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location: POINT (-87.64291470712476 41.683167634551616)
Comment: WORK BY: RAFFIN; INSTALL 1-1K F.O.

Street No from: 821
Street No to: 821
Street Name: 116TH
Street Type: ST
Direction: W
Latitude: 41.683167634551616
Longitude: -87.64291470712476

| | | | | | | |
|--------------------|--------|----|---------------|-------------|--|---------------|
| 30 | 1 of 1 | NE | 0.14 / 734.45 | 616.81 / -2 | MARTINO PAPER & ENVELOPE COMPANY
744 W 113TH ST
CHICAGO IL | TANKS CHICAGO |
|--------------------|--------|----|---------------|-------------|--|---------------|

Facility ID: 744W1131974-05-14
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 05/14/1974
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location: POINT (-87.6416204983685 41.68883834071242)
Comment: WORK BY: SHEFFIELD TANK; INSTALL 2-2K GAS

Street No from: 744
Street No to: 744
Street Name: 113TH
Street Type: ST
Direction: W
Latitude: 41.68883834071242
Longitude: -87.6416204983685

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|---------------|
| 31 | 1 of 4 | SSE | 0.15 / 802.05 | 617.04 / -1 | K. A. PRIDJIAN
11600 S HALSTED ST
CHICAGO IL | TANKS CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|---------------|

Facility ID: 11600HA1960-09-16
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

Tank ID:
Installation Date: 09/16/1960
Removal Date:
Last Used Date:
Tank Type: UNDERGROUND STORAGE TANK
Tank Material:
Tank Construction:
Tank Product:
Tank Capacity:
Location: POINT (-87.64222846796137 41.68297347396108)
Comment: WORK BY: MCGARTH; INSTALL 1-6K GAL FUEL OIL TANK FINAL N/G

Street No from: 11600
Street No to: 11600
Street Name: HALSTED
Street Type: ST
Direction: S
Latitude: 41.68297347396108
Longitude: -87.64222846796137

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|-----|
| 31 | 2 of 4 | SSE | 0.15 / 802.05 | 617.04 / -1 | K.A.Pridjian & Co.
11600 S. Halsted Street Chicago,
IL 60628
IL | UST |
|--------------------|--------|-----|---------------|-------------|--|-----|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | |
|------------------------------|---|-----------------------|---------------------|
| Facility No: | 2046725 | Facility Type: | Commercial / Retail |
| Facility Status: | Exempt | Owner Type: | Private |
| Fac Details Status: | Exempt | Owner Status: | Current Owner |
| Fac Type Fac Details: | Commercial / Retail | County: | Cook |
| Owner Name: | K.A.Pridjian & Co. | | |
| Facility URL: | http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2046725 | | |

Tank Information

| | | | |
|----------------------------|------------|----------------------------|---|
| Tank No: | 1 | Capacity: | 6000 |
| UI No: | | Petroleum Use: | Consumptive Use on Premises for Heating |
| Status: | Removed | Product: | Heating Oil |
| Removed Date: | 11/13/2018 | CERCLA Substance: | |
| Install Date: | | Current Age: | |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | 12/31/1973 | Product Date: | |
| Red Tag Issue Date: | | Fee Due: | \$0.00 |
| CAS Code: | | Regulated Status: | Exempt |
| OSFM First Noti Dt: | 11/28/2018 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0039326 | Owner Status: | Current Owner |
| Owner Name: | K.A.Pridjian & Co. | Purchase Date: | |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2046725 | | |

Owner Details

| | | | |
|-----------------------|---|-----------------------------|--|
| Owner Name: | K.A.Pridjian & Co. | Type Financial Resp: | |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | |
| Purchase Date: | | | |
| Owner Address: | 11600 S. Halsted Street Chicago, IL 60628 | | |

Facility Details

| | | | |
|-----------------------------|---|------------------------------|--|
| MFD Forms Status: | | Green Tag Decal: | |
| MFD Permit Issue Dt: | | Green Tag Issue Date: | |
| MFD Permit Exp Dt: | | Green Tag Exp Date: | |
| Property Parcel: | | Motor Fuel Type: | |
| Pending Nov: | No | | |
| Permit History Link: | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2046725 | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------|
| 31 | 3 of 4 | SSE | 0.15 / 802.05 | 617.04 / -1 | K.A. Pridjian & Company
11600 South Halstead Street
Chicago IL 60628 | LUST |
|--------------------|--------|-----|---------------|-------------|--|------|

| | | | |
|-------------------------------------|-----------------------------|------------------------------|------------|
| Incident No: | 20190928 | LPC No: | 0316495198 |
| Incidents ID: | 29074 | IEMA Date: | 09/06/2019 |
| NFR Date: | 12/06/2019 | Regulation: | 734 |
| Gasoline: | False | C 20 Day Report Date: | |
| Unleaded: | False | C 45 Day Report Date: | 10/07/2019 |
| Diesel: | False | NFR Recorded Date: | 12/30/2019 |
| Fuel Oil: | True | Pre 74 Date: | |
| Jet Fuel: | False | Proj Manager Phone: | |
| Used Oil: | False | Proj Mngr First Nm: | Wayne |
| Non Petroleum Prod: | False | Proj Mngr Last Nm: | Zuehlke |
| Other Petroleum: | False | Proj Manager Email: | |
| Non LUST Date: | | Site County: | Cook |
| Non LUST Letter Dt: | | | |
| Heating Oil Letter Date: | | | |
| Free Product Discovery Date: | | | |
| Primary Resp Party Name: | K.A. Pridjian & Company | | |
| Primary Resp Party Address: | 11600 South Halstead Street | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---|-------------------|---|------------------|----------------|--|---------------|
| Primary Resp Party City: Chicago
Primary Resp Party State: IL
Primary Resp Party ZIP: 60628
Primary Resp Party Phone: (773) 785-2800
Primary Resp Party Contact: Thomas Jundanian | | | | | | |
| 31 | 4 of 4 | SSE | 0.15 / 802.05 | 617.04 / -1 | KA Pridjian & Co - 170002387021
11600 S Halstead St
Chicago IL 60628 | LUST DOCUMENT |
| Site ID:
System ID:
Program ID: 0316495198
Interest Type:
Media Code:
Category: Leaking UST Technical
Document Indicator:
Document Count: 8
Total Pages: 131
Revision Date Time:
Collection Date:
Name (Doc Search): KA Pridjian & Co - 170002387021
Addr (Doc Search): 11600 S Halstead St
Name (Geo Search):
Addr (Geo Search):
Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmtpY1xuUHdkPU4xbWRhJHRyYXRvcIBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMjM4NzAyMSIgQU5EIFtDQVRFR09SWV09IjixQSI1
Data Source: IEPA Document Explorer - Facility/Site Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | Originating Bureau: Bureau of Land
City (Doc Search): Chicago
State (Doc Search): IL
Zip (Doc Search): 60628
City (Geo Search):
State (Geo Search):
Zip (Geo Search):
Latitude:
Longitude:
X:
Y: | | | | |
| 32 | 1 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | BROWNLEE E J TRANS INC
1001 W 115TH ST
CHICAGO IL 60643 | RCRA NON GEN |
| EPA Handler ID: ILD020957544
Gen Status Universe: No Report
Contact Name: EDISON BROWNLEE
Contact Address: 1001 W 115TH ST , , CHICAGO , IL, 60643 , US
Contact Phone No and Ext: 312-660-1999
Contact Email:
Contact Country: US
County Name: COOK
EPA Region: 05
Land Type:
Receive Date: 19860813
Location Latitude:
Location Longitude: | | | | | | |
| Violation/Evaluation Summary | | | | | | |
| Note: | | NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID). | | | | |
| Handler Summary | | | | | | |
| Importer Activity: | | No | | | | |
| Mixed Waste Generator: | | No | | | | |
| Transporter Activity: | | No | | | | |
| Transfer Facility: | | No | | | | |
| Onsite Burner Exemption: | | No | | | | |
| Furnace Exemption: | | No | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--|-------------------|-----------|------------------|----------------|------|----|
| Underground Injection Activity: | No | | | | | |
| Commercial TSD: | No | | | | | |
| Used Oil Transporter: | No | | | | | |
| Used Oil Transfer Facility: | No | | | | | |
| Used Oil Processor: | No | | | | | |
| Used Oil Refiner: | No | | | | | |
| Used Oil Burner: | No | | | | | |
| Used Oil Market Burner: | No | | | | | |
| Used Oil Spec Marketer: | No | | | | | |

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19860813
Handler Name: BROWNLEE E J TRANS INC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

| | | |
|---|-------------------|----------------------|
| Owner/Operator Ind: Current Owner | Street No: | |
| Type: Private | Street 1: | ADDRESS NOT REPORTED |
| Name: BROWNLEE E J | Street 2: | |
| Date Became Current: | City: | CITY NOT REPORTED |
| Date Ended Current: | State: | AK |
| Phone: 312-555-1212 | Country: | |
| Source Type: Notification | Zip Code: | 99998 |
|
 | | |
| Owner/Operator Ind: Current Operator | Street No: | |
| Type: Private | Street 1: | ADDRESS NOT REPORTED |
| Name: NAME NOT REPORTED | Street 2: | |
| Date Became Current: | City: | CITY NOT REPORTED |
| Date Ended Current: | State: | AK |
| Phone: 312-555-1212 | Country: | |
| Source Type: Notification | Zip Code: | 99998 |

32 2 of 12 **WSW** 0.16 / 839.67 614.61 / -4 **E.J. Brownlee Transportation** **LUST**
1001 West 115th St.
Chicago IL 60643

| | |
|--|---|
| Incident No: 981649 | LPC No: 0316755006 |
| Incidents ID: 22127 | IEMA Date: 07/08/1998 |
| NFR Date: 04/01/1999 | Regulation: 732 |
| Gasoline: False | C 20 Day Report Date: 07/28/1998 |
| Unleaded: False | C 45 Day Report Date: 12/18/1998 |
| Diesel: True | NFR Recorded Date: 09/16/1999 |
| Fuel Oil: False | Pre 74 Date: |
| Jet Fuel: False | Proj Manager Phone: |
| Used Oil: False | Proj Mngr First Nm: Deanna |
| Non Petroleum Prod: False | Proj Mngr Last Nm: Carlock |
| Other Petroleum: False | Proj Manager Email: |
| Non LUST Date: | Site County: Cook |
| Non LUST Letter Dt: | |
| Heating Oil Letter Date: | |
| Free Product Discovery Date: | |
| Primary Resp Party Name: E.J. Brownlee Transportation | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Primary Resp Party Address: 1001 West 115th St.
Primary Resp Party City: Chicago
Primary Resp Party State: IL
Primary Resp Party ZIP: 60643
Primary Resp Party Phone: 7736601999
Primary Resp Party Contact: Edison Brownlee

| | | | | | | |
|--------------------|---------|-----|---------------|-------------|---|-----|
| 32 | 3 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | E J Brownlee Transportation Inc
1001 W 115Th St Chicago, IL
60643
IL | UST |
|--------------------|---------|-----|---------------|-------------|---|-----|

| | | | |
|------------------------------|--|-----------------------|---------------|
| Facility No: | 2032613 | Facility Type: | Other |
| Facility Status: | Closed | Owner Type: | |
| Fac Details Status: | Closed | Owner Status: | Current Owner |
| Fac Type Fac Details: | Other | County: | Cook |
| Owner Name: | Brownlee Edison | | |
| Facility URL: | http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2032613 | | |

Tank Information

| | | | |
|----------------------------|------------|----------------------------|----------|
| Tank No: | 1 | Capacity: | 3000 |
| UI No: | | Petroleum Use: | |
| Status: | Removed | Product: | Gasoline |
| Removed Date: | 7/8/1998 | CERCLA Substance: | |
| Install Date: | | Current Age: | |
| Abandoned Date: | | Abandoned Material: | |
| Last Used Date: | | Product Date: | |
| Red Tag Issue Date: | | Fee Due: | |
| CAS Code: | | Regulated Status: | Federal |
| OSFM First Noti Dt: | 10/18/1993 | | |

Owner Summary

| | | | |
|---------------------------|---|-----------------------|---------------|
| Owner No: | U0022158 | Owner Status: | Current Owner |
| Owner Name: | Brownlee Edison | Purchase Date: | |
| Ownership History: | http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2032613 | | |

Owner Details

| | | | |
|-----------------------|-----------------------------------|-----------------------------|--|
| Owner Name: | Brownlee Edison | Type Financial Resp: | |
| Owner Status: | Current Owner | Fin Resp Rpt Due: | |
| Purchase Date: | | | |
| Owner Address: | 1001 W 115Th St Chicago, IL 60643 | | |

Facility Details

| | | | |
|-----------------------------|--|------------------------------|--|
| MFD Forms Status: | | Green Tag Decal: | |
| MFD Permit Issue Dt: | | Green Tag Issue Date: | |
| MFD Permit Exp Dt: | | Green Tag Exp Date: | |
| Property Parcel: | | Motor Fuel Type: | |
| Pending Nov: | No | | |
| Permit History Link: | https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2032613 | | |

| | | | | | | |
|--------------------|---------|-----|---------------|-------------|---|------------------|
| 32 | 4 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | ACTIVE TRANS SERVICE
1001 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|---------------|-------------|---|------------------|

| | |
|------------------------|-----------------------------|
| Facility ID: | 10011151953-09-10 |
| Owner: | |
| Data Source(s): | HISTORIC DEPT. OF BUILDINGS |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | 09/10/1953 | Street No to: | 1001 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | | Longitude: | -87.64707375134245 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | WORK BY: BURNSIDE CONSTRUCTION; INSTALL 1-2M F.O. | | |

| | | | | | | |
|--------------------|---------|-----|---------------|-------------|---|------------------|
| 32 | 5 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | BUS TRANSPORTATION
1001 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|---------------|-------------|---|------------------|

| | |
|------------------------|------------------------------|
| Facility ID: | 1001W115TH |
| Owner: | E J BROWNL EE TRANSPORTATION |
| Data Source(s): | HISTORIC DEPT.OF ENVIRONMENT |

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | | Street No to: | |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | ABOVEGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | DBL WALL CONCRETE VAULT | Longitude: | -87.64707375134245 |
| Tank Product: | GASOLINE | | |
| Tank Capacity: | NO. OF TANKS: 2 (2-1,000 GALLONS) | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | DATE OF REPORT: 08/23/2000 8/23/00: INSTALLED TWO 1,000-GALLON DW STEEL GASOLINE AST. | | |

| | | | | | | |
|--------------------|---------|-----|---------------|-------------|---|------------------|
| 32 | 6 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | ACTIVE TRANS SERVICE
1001 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|---------------|-------------|---|------------------|

| | |
|------------------------|-----------------------------|
| Facility ID: | 10011151952-09-18 |
| Owner: | |
| Data Source(s): | HISTORIC DEPT. OF BUILDINGS |

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | 09/18/1952 | Street No to: | 1001 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | | Longitude: | -87.64707375134245 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | WORK BY: BURNSIDE CONSTRUCTION; INSTALL 1-1M F.O. | | |

| | | | | | | |
|--------------------|---------|-----|---------------|-------------|---|------------------|
| 32 | 7 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | ACTIVE TRANS SERVICE
1001 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|---------------|-------------|---|------------------|

| | |
|---------------------|-------------------|
| Facility ID: | 10011151974-10-21 |
|---------------------|-------------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | 10/21/1974 | Street No to: | 1001 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | | Longitude: | -87.64707375134245 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | WORK BY: KENNY TANK; INSTALL 1-3M GASOLINE | | |

| | | | | | | |
|--------------------|---------|-----|---------------|-------------|---|------------------|
| 32 | 8 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | ACTIVE TRANS SERVICE
1001 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|---------------|-------------|---|------------------|

Facility ID: 10011151988-11-10
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | 11/10/1988 | Street No to: | 1001 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | | Longitude: | -87.64707375134245 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | WORK BY: MIDWEST WRECKING; REMOVE 1-10M, 1-6M, 1-2M | | |

| | | | | | | |
|--------------------|---------|-----|---------------|-------------|---|------------------|
| 32 | 9 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | ACTIVE TRANS SERVICE
1001 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|---------|-----|---------------|-------------|---|------------------|

Facility ID: 10011151970-12-09
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | 12/09/1970 | Street No to: | 1001 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | | Longitude: | -87.64707375134245 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | WORK BY: PETER HARTMANN; 1-2M DIESEL OIL | | |

| | | | | | | |
|--------------------|----------|-----|---------------|-------------|---|------------------|
| 32 | 10 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | ACTIVE TRANS SERVICE
1001 W 115TH ST | TANKS
CHICAGO |
|--------------------|----------|-----|---------------|-------------|---|------------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

CHICAGO IL

Facility ID: 10011151975-11-12
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | 11/12/1975 | Street No to: | 1001 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | | Longitude: | -87.64707375134245 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | WORK BY: STANDARD TANK; INSTALL 1-6M D.O. | | |

| | | | | | | |
|--------------------|----------|-----|---------------|-------------|---|------------------|
| 32 | 11 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | ACTIVE TRANS SERVICE
1001 W 115TH ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|----------|-----|---------------|-------------|---|------------------|

Facility ID: 10011151952-07-31
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | | Street No from: | 1001 |
| Installation Date: | 07/31/1952 | Street No to: | 1001 |
| Removal Date: | | Street Name: | 115TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.684906769919515 |
| Tank Construction: | | Longitude: | -87.64707375134245 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64707375134245 41.684906769919515) | | |
| Comment: | WORK BY: BURNSIDE CONSTRUCTION; INSTALL 1-2M F.O. | | |

| | | | | | | |
|--------------------|----------|-----|---------------|-------------|--|------------------|
| 32 | 12 of 12 | WSW | 0.16 / 839.67 | 614.61 / -4 | Ej Brownlee Transport Inc
1001 W 115th St
Chicago IL 60643 | LUST
DOCUMENT |
|--------------------|----------|-----|---------------|-------------|--|------------------|

| | | | |
|---------------------|--|---------------------|--------------------|
| Site ID: | 170000215595 | Originating Bureau: | |
| System ID: | 0316755006 | City (Doc Search): | |
| Program ID: | | State (Doc Search): | |
| Interest Type: | LUST | Zip (Doc Search): | |
| Media Code: | LAND | City (Geo Search): | Chicago |
| Category: | | State (Geo Search): | IL |
| Document Indicator: | No | Zip (Geo Search): | 60643 |
| Document Count: | | Latitude: | 41.68498 |
| Total Pages: | | Longitude: | -87.64705 |
| Revision Date Time: | 06/30/2003 | X: | -87.64704999999998 |
| Collection Date: | 01/01/2001 | Y: | 41.68498000000005 |
| Name (Doc Search): | | | |
| Addr (Doc Search): | | | |
| Name (Geo Search): | Ej Brownlee Transport Inc | | |
| Addr (Geo Search): | 1001 W 115th St | | |
| Category URL: | | | |
| Data Source: | IEPA Document Explorer - Geographic Search | | |
| Note: | Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 33 | 1 of 3 | NNE | 0.18 / 944.27 | 617.13 / -1 | STANDARD OIL
11226 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 11226HA1964-03-06
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--|-----------------|--------------------|
| Tank ID: | | Street No from: | 11226 |
| Installation Date: | 03/06/1964 | Street No to: | 11226 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68971041112793 |
| Tank Construction: | | Longitude: | -87.64244175487424 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64244175487424 41.68971041112793) | | |
| Comment: | WORK BY: OWNER; INSPECT 1-1K GAL GSLN TK FINAL N/G | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 33 | 2 of 3 | NNE | 0.18 / 944.27 | 617.13 / -1 | STANDARD OIL
11226 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 11226HA1970-09-18
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--|-----------------|--------------------|
| Tank ID: | | Street No from: | 11226 |
| Installation Date: | 09/18/1970 | Street No to: | 11226 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68971041112793 |
| Tank Construction: | | Longitude: | -87.64244175487424 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64244175487424 41.68971041112793) | | |
| Comment: | WORK BY: AETNA TANK & PUMP; REMOVE 1-1K GAL GSLN FINAL 11/9/70 | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--|------------------|
| 33 | 3 of 3 | NNE | 0.18 / 944.27 | 617.13 / -1 | LONG'S GARDEN CENTER INC
11226 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|-----|---------------|-------------|--|------------------|

Facility ID: 2006606
 Owner: See Environmental Permit Dataset
 Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|--------------------|--------------------------|-----------------|-------------------|
| Tank ID: | 0001 | Street No from: | 11226 |
| Installation Date: | | Street No to: | 11226 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68971041112793 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|--|-----------|------------------|----------------|-------------------|--------------------|
| Tank Construction: | | | | | Longitude: | -87.64244175487424 |
| Tank Product: | GASOLINE | | | | | |
| Tank Capacity: | 1000 | | | | | |
| Location: | POINT (-87.64244175487424 41.68971041112793) | | | | | |
| Comment: | 11226 S HALSTED, REMOVED 02/11/98, Historic data from former Dept. of Environment [Associated Permit Numbers: 103507;] | | | | | |

[34](#) 1 of 4 **NNE** 0.18 / 955.91 616.94 / -2 **Kleene Towne Cleaners**
11249 South Halsted Street
Chicago IL 60628 **SRP**

I EPA ID: 0316495008 **Longitude:** -87.641906
US EPA ID: ILD064381650 **Latitude:** 41.689005
County: Cook

Site Applicant / Consultant Information

| | | | |
|----------------------------|-----------------------------------|-----------------------------|-----------------------|
| RA Title: | Mr. | Received SA Date: | 7/2/2001 |
| RA First Name: | Willie | PM ID: | Rhett Rossi |
| RA Last Name: | Carter | Foury Letter Date: | |
| RA Address1: | 11325 South Halsted Street | Active Site: | Yes |
| RA Address2: | | Consultant Address1: | 446 Eisenhower Lane N |
| RA City: | Chicago, IL | Consultant Address2: | |
| RA Zip: | 60628 | Consultant City: | Lombard, IL |
| Consultant Contact: | Michael Butler | Consultant Zip: | 60148 |
| RA Company: | Sheldon Heights Church of Christ | | |
| Consultant Company: | Stantec Consulting Services, Inc. | | |

[34](#) 2 of 4 **NNE** 0.18 / 955.91 616.94 / -2 **AL KUHART**
11249 S HALSTED ST
CHICAGO IL **TANKS CHICAGO**

Facility ID: 11249HA1952-04-21
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|--|------------------------|--------------------|
| Tank ID: | | Street No from: | 11249 |
| Installation Date: | 04/21/1952 | Street No to: | 11249 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68909488606216 |
| Tank Construction: | | Longitude: | -87.64213177717308 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64213177717308 41.68909488606216) | | |
| Comment: | WORK BY: A. GANZ; INSTALL 1-550 GAL FUEL OIL TANK FINAL 10/20/52 | | |

[34](#) 3 of 4 **NNE** 0.18 / 955.91 616.94 / -2 **Kleen Towne Cleaners**
11249 S Halsted
Chicago IL 60628 **REM ASSESS**

Name (SWAP): Kleen Towne Cleaners
Address (SWAP): 11249 S Halsted
City (SWAP): Chicago
State (SWAP): IL
Postal Code (SWAP): 60628
Name (Doc Expl): Kleen Towne Cleaners - 170000227797
Address (Doc Expl): 11249 S Halsted
City (Doc Expl): Chicago
State (Doc Expl): IL
Zip (Doc Expl): 60628

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Data Source(s): IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be search on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

IEPA Document Explorer

| | | | |
|----------------------|---|----------------------------|----------------|
| Site ID: | 170000227797 | Originating Bureau: | Bureau of Land |
| Program ID: | 0316495008 | Document Count: | 20 |
| Category: | Site Remediation - Technical | Total Pages: | 921 |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvcjBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09ljE3MDAwMDlyNzc5NyIlgQU5EIFtDQVRFR09SWV09IjMxQS11 | | |

IEPA Docuware (SWAP)

| | | | |
|----------------------------|--------------|----------------------------|--------------------|
| Site ID: | 170000227797 | Document Indicator: | Yes |
| System ID: | 0316495008 | Latitude: | 41.68901 |
| Interest Type: | VSRU | Longitude: | -87.64191 |
| Media Code: | LAND | X: | -87.64190999999994 |
| Collection Date: | 11/17/2008 | Y: | 41.68901000000005 |
| Revision Date/Time: | 06/30/2003 | | |

IEPA Docuware (SWAP)

| | | | |
|----------------------------|--------------|----------------------------|--------------------|
| Site ID: | 170000227797 | Document Indicator: | Yes |
| System ID: | 0316495008 | Latitude: | 41.689005 |
| Interest Type: | BOL | Longitude: | -87.641906 |
| Media Code: | LAND | X: | -87.64190599999995 |
| Collection Date: | 01/31/2012 | Y: | 41.689005000000066 |
| Revision Date/Time: | 06/30/2003 | | |

| | | | | | | |
|--------------------|--------|------------|----------------------|--------------------|--|-------------------------|
| 34 | 4 of 4 | NNE | 0.18 / 955.91 | 616.94 / -2 | KLEEN TOWNE CLEANERS
11249 S HALSTED
CHICAGO IL 60628 | RCRA
NON GEN |
|--------------------|--------|------------|----------------------|--------------------|--|-------------------------|

EPA Handler ID: ILD064381650
Gen Status Universe: No Report
Contact Name: KARNEY BOYAJIAN
Contact Address: 11249 S HALSTED , , CHICAGO , IL, 60628 , US
Contact Phone No and Ext: 312-785-2127
Contact Email:
Contact Country: US
County Name: COOK
EPA Region: 05
Land Type:
Receive Date: 20220914
Location Latitude: 41.689116
Location Longitude: -87.642164

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------|-------------------|-----------|------------------|----------------|------|----|
| Underground Injection Activity: | No | | | | | |
| Commercial TSD: | No | | | | | |
| Used Oil Transporter: | No | | | | | |
| Used Oil Transfer Facility: | No | | | | | |
| Used Oil Processor: | No | | | | | |
| Used Oil Refiner: | No | | | | | |
| Used Oil Burner: | No | | | | | |
| Used Oil Market Burner: | No | | | | | |
| Used Oil Spec Marketer: | No | | | | | |

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19861118
Handler Name: KLEEN TOWNE CLEANERS
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220914
Handler Name: KLEEN TOWNE CLEANERS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

| | |
|---|---------------------------------------|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: Private | Street 1: ADDRESS NOT REPORTED |
| Name: NAME NOT REPORTED | Street 2: |
| Date Became Current: | City: CITY NOT REPORTED |
| Date Ended Current: | State: AK |
| Phone: 312-555-1212 | Country: US |
| Source Type: Implementer | Zip Code: 99998 |
|
 | |
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: ADDRESS NOT REPORTED |
| Name: BOYAJIAN KARNEY | Street 2: |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------|-------------------|------------------|------------------|----------------|-------------------|----------------------|
| Date Became Current: | | | | | City: | CITY NOT REPORTED |
| Date Ended Current: | | | | | State: | AK |
| Phone: | 312-555-1212 | | | | Country: | US |
| Source Type: | Implementer | | | | Zip Code: | 99998 |
| Owner/Operator Ind: | | Current Operator | | | Street No: | |
| Type: | Private | | | | Street 1: | ADDRESS NOT REPORTED |
| Name: | NAME NOT REPORTED | | | | Street 2: | |
| Date Became Current: | | | | | City: | CITY NOT REPORTED |
| Date Ended Current: | | | | | State: | AK |
| Phone: | 312-555-1212 | | | | Country: | |
| Source Type: | Notification | | | | Zip Code: | 99998 |
| Owner/Operator Ind: | | Current Owner | | | Street No: | |
| Type: | Private | | | | Street 1: | ADDRESS NOT REPORTED |
| Name: | BOYAJIAN KARNEY | | | | Street 2: | |
| Date Became Current: | | | | | City: | CITY NOT REPORTED |
| Date Ended Current: | | | | | State: | AK |
| Phone: | 312-555-1212 | | | | Country: | |
| Source Type: | Notification | | | | Zip Code: | 99998 |

Historical Handler Details

Receive Dt: 19861118
Generator Code Description: Small Quantity Generator
Handler Name: KLEEN TOWNE CLEANERS

[35](#) 1 of 1 SSE 0.19 / 1,012.29 615.87 / -3 JENSEN MOVERS 11632 S HALSTED ST CHICAGO IL TANKS CHICAGO

Facility ID: 11632HA1959-06-30
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 11632 |
| Installation Date: | 06/30/1959 | Street No to: | 11632 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.682239844248414 |
| Tank Construction: | | Longitude: | -87.64220399950526 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64220399950526 41.682239844248414) | | |
| Comment: | WORK BY: RAY BORGT; INSTALL 1-550 GAL FUEL OIL TANK FINAL N/G | | |

[36](#) 1 of 6 S 0.20 / 1,077.53 615.16 / -3 SHELDON HTS CHURCH OF CHRIST 11819 S GREEN ST CHICAGO IL 60628 RCRA NON GEN

EPA Handler ID: ILR000117911
Gen Status Universe: No Report
Contact Name: ENV COORDINATOR
Contact Address: US
Contact Phone No and Ext: 773-568-2929
Contact Email:
Contact Country: US
County Name: COOK
EPA Region: 05
Land Type: Private
Receive Date: 20060401

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Jul, 2023.

Evaluation Details

Evaluation Start Date: 20040514
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20030127
Handler Name: SHELDON HTS CHURCH OF CHRIST
Source Type: Notification
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20040301
Handler Name: SHELDON HTS CHURCH OF CHRIST
Source Type: Annual/Biennial Report
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060401

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Handler Name: SHELDON HTS CHURCH OF CHRIST
Source Type: Annual/Biennial Report update with Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

| | | | |
|-----------------------------|------------------------------|-------------------|--------------------|
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street 1: | 11325 S HALSTED ST |
| Name: | SHELDON HTS CHURCH OF CHRIST | Street 2: | |
| Date Became Current: | 20030727 | City: | CHICAGO |
| Date Ended Current: | | State: | IL |
| Phone: | | Country: | US |
| Source Type: | Annual/Biennial Report | Zip Code: | 60628 |

| | | | |
|-----------------------------|------------------------------|-------------------|--------------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street 1: | 11325 S HALSTED ST |
| Name: | SHELDON HTS CHURCH OF CHRIST | Street 2: | |
| Date Became Current: | 20020501 | City: | CHICAGO |
| Date Ended Current: | | State: | IL |
| Phone: | | Country: | US |
| Source Type: | Annual/Biennial Report | Zip Code: | 60628 |

| | | | |
|-----------------------------|---|-------------------|----|
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street 1: | |
| Name: | SHELDON HTS CHURCH OF CHRIST | Street 2: | |
| Date Became Current: | 19000101 | City: | |
| Date Ended Current: | | State: | |
| Phone: | | Country: | US |
| Source Type: | Annual/Biennial Report update with Notification | Zip Code: | |

| | | | |
|-----------------------------|------------------------------|-------------------|------------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street 1: | 11819 S GREEN ST |
| Name: | SHELDON HTS CHURCH OF CHRIST | Street 2: | |
| Date Became Current: | 20030117 | City: | CHICAGO |
| Date Ended Current: | | State: | IL |
| Phone: | 312-942-0300 | Country: | US |
| Source Type: | Notification | Zip Code: | 60628 |

| | | | |
|-----------------------------|---|-------------------|----|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street 1: | |
| Name: | SHELDON HTS CHURCH OF CHRIST | Street 2: | |
| Date Became Current: | 19000101 | City: | |
| Date Ended Current: | | State: | |
| Phone: | | Country: | US |
| Source Type: | Annual/Biennial Report update with Notification | Zip Code: | |

| | | | |
|-----------------------------|------------------------------|-------------------|------------------|
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street 1: | 11819 S GREEN ST |
| Name: | SHELDON HTS CHURCH OF CHRIST | Street 2: | |
| Date Became Current: | 20030117 | City: | CHICAGO |
| Date Ended Current: | | State: | IL |
| Phone: | 312-942-0300 | Country: | US |
| Source Type: | Notification | Zip Code: | 60628 |

Historical Handler Details

Receive Dt: 20040301
Generator Code Description: Not a Generator, Verified
Handler Name: SHELDON HTS CHURCH OF CHRIST

Receive Dt: 20030127
Generator Code Description: Large Quantity Generator
Handler Name: SHELDON HTS CHURCH OF CHRIST

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|----------------|--|----------|
| 36 | 2 of 6 | S | 0.20 / 1,077.53 | 615.16 / -3 | SHELDON HTS CHURCH OF CHRIST
11819 S GREEN ST
CHICAGO IL 60628 | RCRA TSD |

EPA Handler ID: ILR000117911
Gen Status Universe: No Report
Contact Name: ENV COORDINATOR
Contact Address: US
Contact Phone No and Ext: 773-568-2929
Contact Email:
Contact Country: US
Land Type: Private
County Name: COOK
EPA Region: 05
Receive Date: 20060401
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Jul, 2023.

Evaluation Details

Evaluation Start Date: 20040514
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20030127
Handler Name: SHELDON HTS CHURCH OF CHRIST
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20040301
Handler Name: SHELDON HTS CHURCH OF CHRIST
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060401
Handler Name: SHELDON HTS CHURCH OF CHRIST
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Owner/Operator Details

| | |
|---|-----------------------------------|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: 11819 S GREEN ST |
| Name: SHELDON HTS CHURCH OF CHRIST | Street 2: |
| Date Became Current: 20030117 | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: 312-942-0300 | Country: US |
| Source Type: Notification | Zip Code: 60628 |

| | |
|--|-------------------------------------|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: 11325 S HALSTED ST |
| Name: SHELDON HTS CHURCH OF CHRIST | Street 2: |
| Date Became Current: 20020501 | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: | Country: US |
| Source Type: Annual/Biennial Report | Zip Code: 60628 |

| | |
|---|--------------------|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: Private | Street 1: |
| Name: SHELDON HTS CHURCH OF CHRIST | Street 2: |
| Date Became Current: 19000101 | City: |
| Date Ended Current: | State: |
| Phone: | Country: US |
| Source Type: Annual/Biennial Report update with Notification | Zip Code: |

| | |
|---|-----------------------------------|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: Private | Street 1: 11819 S GREEN ST |
| Name: SHELDON HTS CHURCH OF CHRIST | Street 2: |
| Date Became Current: 20030117 | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: 312-942-0300 | Country: US |
| Source Type: Notification | Zip Code: 60628 |

| | |
|---|-------------------------------------|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: Private | Street 1: 11325 S HALSTED ST |
| Name: SHELDON HTS CHURCH OF CHRIST | Street 2: |
| Date Became Current: 20030727 | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: | Country: US |
| Source Type: Annual/Biennial Report | Zip Code: 60628 |

| | |
|---|-------------------|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: |
| Name: SHELDON HTS CHURCH OF CHRIST | Street 2: |
| Date Became Current: 19000101 | City: |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification

State:
Country: US
Zip Code:

Historical Handler Details

Receive Dt: 20040301
Generator Code Description: Not a Generator, Verified
Handler Name: SHELDON HTS CHURCH OF CHRIST

Receive Dt: 20030127
Generator Code Description: Large Quantity Generator
Handler Name: SHELDON HTS CHURCH OF CHRIST

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|--|-----|
| 36 | 3 of 6 | S | 0.20 /
1,077.53 | 615.16 /
-3 | Sheldon Heights Church of Christ
11819-11849 South Green Street
Chicago IL 60643 | SRP |
|--------------------|--------|---|--------------------|----------------|--|-----|

I EPA ID: 0316755117
US EPA ID: ILR000117911
County: Cook

Longitude: -87.643041
Latitude: 41.679108

Site Applicant / Consultant Information

| | |
|---|--|
| RA Title: Mr. | Received SA Date: 6/13/2002 |
| RA First Name: Willie | PM ID: Andrew Catlin |
| RA Last Name: Carter | Four Letter Date: |
| RA Address1: 11325 South Halsted Street | Active Site: No |
| RA Address2: | Consultant Address1: 2385 Hammond Drive |
| RA City: Chicago, IL | Consultant Address2: Suite 6 |
| RA Zip: 60628 | Consultant City: Schaumburg, IL |
| Consultant Contact: Adam M. Moghamis, P.E. | Consultant Zip: 60173 |
| RA Company: Sheldon Heights Church of Christ | |
| Consultant Company: Applied GeoScience, Inc. | |

Letter Information

| | |
|--|--------------------------------|
| NFR Site Name: Sheldon Heights Church of Christ | Indust Commercial: No |
| NFR Letter Date: 10/19/2004 | Worker Caution: No |
| Effective: True | Slab on Grade: No |
| NFR Recorded Date: 11/23/2004 | BCT: No |
| Comp Focus: Comprehensive | Inst Control Other: No |
| RA First Name: Willie | Building Slab: No |
| RA Last Name: Carter | Asphalt Used: No |
| RA Company: Sheldon Heights Church of Christ | Concrete Used: No |
| RA Address1: 11325 South Halsted Street | Clean Soil Three ft: No |
| RA Address2: | Clean Soil Ten ft: No |
| RA City: Chicago, IL | Alternate Barrier: No |
| RA Zip: 60628 | Other Barrier: No |
| Acres: 2.6000 | ELUC Other: No |
| Ordinance: Yes | |
| ELUC Groundwater Use Restrict: No | |
| Groundwater Use Restriction: Yes | |
| Highway Authority Agreement: No | |
| Land Use: Residential or Industrial/Commercial | |

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|--|------|
| 36 | 4 of 6 | S | 0.20 /
1,077.53 | 615.16 /
-3 | Sheldon Heights Church of Christ
11819-11849 South Green Street
Chicago IL 60643 | INST |
|--------------------|--------|---|--------------------|----------------|--|------|

I EPA ID: 0316755117
US EPA ID: ILR000117911
County: Cook

Longitude: -87.643041
Latitude: 41.679108

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Site Applicant / Consultant Information

| | | | |
|----------------------------|----------------------------------|-----------------------------|--------------------|
| RA Title: | Mr. | Received SA Date: | 6/13/2002 |
| RA First Name: | Willie | PM ID: | Andrew Catlin |
| RA Last Name: | Carter | Four Letter Date: | |
| RA Company: | Sheldon Heights Church of Christ | Active Site: | No |
| RA Address1: | 11325 South Halsted Street | Consultant Address1: | 2385 Hammond Drive |
| RA Address2: | | Consultant Address2: | Suite 6 |
| RA City: | Chicago, IL | Consultant City: | Schaumburg, IL |
| RA Zip: | 60628 | Consultant Zip: | 60173 |
| Consultant Contact: | Adam M. Moghamis, P.E. | | |
| Consultant Company: | Applied GeoScience, Inc. | | |

Letters Information

| | | | |
|---------------------------------------|--------------------------------------|-----------------------------|----|
| NFR Site Name: | Sheldon Heights Church of Christ | Indust Commercial: | No |
| NFR Letter Date: | 10/19/2004 | Worker Caution: | No |
| Effective: | True | Slab on Grade: | No |
| NFR Recorded Date: | 11/23/2004 | BCT: | No |
| Comp Focus: | Comprehensive | Inst Control Other: | No |
| RA First Name: | Willie | Building Slab: | No |
| RA Last Name: | Carter | Asphalt Used: | No |
| RA Company: | Sheldon Heights Church of Christ | Concrete Used: | No |
| RA Address1: | 11325 South Halsted Street | Clean Soil Three ft: | No |
| RA Address2: | | Clean Soil Ten ft: | No |
| RA City: | Chicago, IL | Alternate Barrier: | No |
| RA Zip: | 60628 | Other Barrier: | No |
| Acres: | 2.6000 | ELUC Other: | No |
| Ordinance: | Yes | | |
| ELUC Groundwater Use Restrict: | No | | |
| Groundwater Use Restriction: | Yes | | |
| Highway Authority Agreement: | No | | |
| Land Use: | Residential or Industrial/Commercial | | |

| | | | | | | |
|--------------------|--------|---|-----------------|-------------|---|------------------|
| 36 | 5 of 6 | S | 0.20 / 1,077.53 | 615.16 / -3 | VACANT LAND
11819 S GREEN ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|---|-----------------|-------------|---|------------------|

Facility ID: 2041273
Owner: See Environmental Permit Dataset
Data Source(s): DEPT. OF PUBLIC HEALTH

Detail(s)

| | | | |
|---------------------------|---|------------------------|-------------------|
| Tank ID: | 0001 | Street No from: | 11819 |
| Installation Date: | | Street No to: | 11819 |
| Removal Date: | | Street Name: | GREEN |
| Last Used Date: | 12/31/1987 | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.67837893643113 |
| Tank Construction: | | Longitude: | -87.6437289589946 |
| Tank Product: | GASOLINE | | |
| Tank Capacity: | 500 | | |
| Location: | POINT (-87.6437289589946 41.67837893643113) | | |
| Comment: | 11819-49 S GREEN, REMOVED 11/1/02, Historic data from former Dept. of Environment [Associated Permit Numbers: 107119 107119;] | | |

| | | | | | | |
|--------------------|--------|---|-----------------|-------------|--|------------|
| 36 | 6 of 6 | S | 0.20 / 1,077.53 | 615.16 / -3 | Sheldon Hts Church Of Christ
11819-11849 S Green St
Chicago IL 60643 | REM ASSESS |
|--------------------|--------|---|-----------------|-------------|--|------------|

Name (SWAP): Sheldon Hts Church Of Christ

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------|-------------------|---|------------------|----------------|------|----|
| Address (SWAP): | | 11819-11849 S Green St | | | | |
| City (SWAP): | | Chicago | | | | |
| State (SWAP): | | IL | | | | |
| Postal Code (SWAP): | | 60643 | | | | |
| Name(Doc Expl): | | Sheldon Hts Church of Christ - 170000540412 | | | | |
| Address (Doc Expl): | | 11819-11849 S Green St | | | | |
| City (Doc Expl): | | Chicago | | | | |
| State (Doc Expl): | | IL | | | | |
| Zip (Doc Expl): | | 60643 | | | | |
| Data Source(s): | | IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search | | | | |
| Note: | | Documents related to facilities in Illinois can be search on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | | | |

IEPA Document Explorer

| | | | |
|----------------------|---|----------------------------|----------------|
| Site ID: | 170000540412 | Originating Bureau: | Bureau of Land |
| Program ID: | 0316755117 | Document Count: | 21 |
| Category: | Site Remediation - Technical | Total Pages: | 1128 |
| Category URL: | https://docuware677.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1Ym91Y1x0UHRkPU4xbWRhJHRyYXRvcjBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMDU0MDQxMilgQU5EIFtDQVRFR09SWV09IjMxQSI1 | | |

IEPA Docuware (SWAP)

| | | | |
|----------------------------|--------------|----------------------------|--------------------|
| Site ID: | 170000540412 | Document Indicator: | Yes |
| System ID: | 0316755117 | Latitude: | 41.679108 |
| Interest Type: | BOL | Longitude: | -87.643041 |
| Media Code: | LAND | X: | -87.64304099999998 |
| Collection Date: | 01/31/2012 | Y: | 41.679108000000004 |
| Revision Date/Time: | 06/30/2003 | | |

IEPA Docuware (SWAP)

| | | | |
|----------------------------|--------------|----------------------------|--------------------|
| Site ID: | 170000540412 | Document Indicator: | Yes |
| System ID: | 0316755117 | Latitude: | 41.67911 |
| Interest Type: | VSRU | Longitude: | -87.64304 |
| Media Code: | LAND | X: | -87.64303999999998 |
| Collection Date: | 06/13/2002 | Y: | 41.679110000000004 |
| Revision Date/Time: | 06/30/2003 | | |

[37](#)

1 of 1

S

0.21 /
1,099.91

615.59 /
-3

**MARION JENSEN
11636 S HALSTED ST
CHICAGO IL**

**TANKS
CHICAGO**

| | |
|------------------------|-----------------------------|
| Facility ID: | 11636HA1956-10-08 |
| Owner: | |
| Data Source(s): | HISTORIC DEPT. OF BUILDINGS |

Detail(s)

| | | | |
|---------------------------|---|------------------------|--------------------|
| Tank ID: | | Street No from: | 11636 |
| Installation Date: | 10/08/1956 | Street No to: | 11636 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.68213721061321 |
| Tank Construction: | | Longitude: | -87.64220051190537 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64220051190537 41.68213721061321) | | |
| Comment: | WORK BY: W. E. BISHTON; INSPECT 1-2K GAL GSLN TK CONVERT EXISTG 500 GAL TO FULL OIL | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|------------------|----------------|---|------|
| 38 | 1 of 4 | N | 0.21 / 1,132.38 | 617.15 / -1 | Long's Garden Center, Inc.
11226 South Halsted
Chicago IL 60628 | LUST |

Incident No: 980313
Incidents ID: 21453
NFR Date: 02/19/1999
Gasoline: True
Unleaded: False
Diesel: False
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: False
Other Petroleum: False
Non LUST Date:
Non LUST Letter Dt:
Heating Oil Letter Date:
Free Product Discovery Date:
Primary Resp Party Name: Long's Garden Center, Inc.
Primary Resp Party Address: 11226 South Halsted
Primary Resp Party City: Chicago
Primary Resp Party State: IL
Primary Resp Party ZIP: 60628
Primary Resp Party Phone: 7737853129
Primary Resp Party Contact: George Long

LPC No: 0316495100
IEMA Date: 02/12/1998
Regulation: 732
C 20 Day Report Date: 03/25/1998
C 45 Day Report Date: 06/09/1998
NFR Recorded Date: 03/24/1999
Pre 74 Date:
Proj Manager Phone:
Proj Mngr First Nm: Bill
Proj Mngr Last Nm: Haskins
Proj Manager Email:
Site County: Cook

| | | | | | | |
|--------------------|--------|---|-----------------|-------------|---|-----|
| 38 | 2 of 4 | N | 0.21 / 1,132.38 | 617.15 / -1 | Long-Garden-Center Inc
11226 S Halsted Chicago, IL 60628
IL | UST |
|--------------------|--------|---|-----------------|-------------|---|-----|

Facility No: 2006606
Facility Status: Closed
Fac Details Status: Closed
Fac Type Fac Details: None
Owner Name: Long Garden Center Inc
Facility URL: <http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2006606>

Facility Type: None
Owner Type:
Owner Status: Current Owner
County: Cook

Tank Information

Tank No: 1
UI No:
Status: Removed
Removed Date: 2/17/1998
Install Date: 1/1/1970
Abandoned Date:
Last Used Date: 1/1/1993
Red Tag Issue Date:
CAS Code:
OSFM First Noti Dt: 3/25/1986

Capacity: 1000
Petroleum Use:
Product: Gasoline
CERCLA Substance:
Current Age: 28
Abandoned Material:
Product Date: 1/1/1970
Fee Due:
Regulated Status: Federal

Owner Summary

Owner No: U0009339
Owner Name: Long Garden Center Inc
Ownership History: <http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2006606>

Owner Status: Current Owner
Purchase Date: 1/1/1957

Owner Details

Owner Name: Long Garden Center Inc
Owner Status: Current Owner
Purchase Date: 1/1/1957
Owner Address: 11226 S Halsted Chicago, IL 60628

Type Financial Resp:
Fin Resp Rpt Due:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

LUST Fund Eligibility

IEMA No: 98-0313 **OSFM Received Dt:** 7/7/1998
Status: Eligible **OSFM Response Dt:** 8/3/1998
Deductible: \$10,000
Letter:
IEMA Link: <https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx>

Facility Details

MFD Forms Status: **Green Tag Decal:**
MFD Permit Issue Dt: **Green Tag Issue Date:**
MFD Permit Exp Dt: **Green Tag Exp Date:**
Property Parcel: **Motor Fuel Type:**
Pending Nov: No
Permit History Link: <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2006606>

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|--|------------------|
| 38 | 3 of 4 | N | 0.21 /
1,132.38 | 617.15 /
-1 | Longs Garden Center
11226 S Halsted
Chicago IL 60628 | LUST
DOCUMENT |
|--------------------|--------|---|--------------------|----------------|--|------------------|

Site ID: 170000337473 **Originating Bureau:** Bureau of Land
System ID: 0316495100 **City (Doc Search):** Chicago
Program ID: 0316495100 **State (Doc Search):** IL
Interest Type: LUST **Zip (Doc Search):** 60628
Media Code: LAND **City (Geo Search):** Chicago
Category: Leaking UST Technical **State (Geo Search):** IL
Document Indicator: Yes **Zip (Geo Search):** 60628
Document Count: 2 **Latitude:** 41.69005
Total Pages: 7 **Longitude:** -87.64229
Revision Date Time: 06/30/2003 **X:** -87.64228999999995
Collection Date: 01/01/2001 **Y:** 41.690050000000004
Name (Doc Search): Longs Garden Center - 170000337473
Addr (Doc Search): 11226 S Halsted
Name (Geo Search): Longs Garden Center
Addr (Geo Search): 11226 S Halsted
Category URL: <https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmtpY1xuUHdkPU4xbWRhJHRyYXRvcjBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09ljE3MDAwMDMzNzQ3MylgQU5EIFtDQVRFR09SWV09ljxQSI1>
Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|--|-----------------|
| 38 | 4 of 4 | N | 0.21 /
1,132.38 | 617.15 /
-1 | LONGS GARDEN CENTER INC
11226 S HALSTED
CHICAGO IL 60628 | RCRA
NON GEN |
|--------------------|--------|---|--------------------|----------------|--|-----------------|

EPA Handler ID: ILR000045344
Gen Status Universe: No Report
Contact Name:
Contact Address:
Contact Phone No and Ext:
Contact Email:
Contact Country:
County Name: COOK
EPA Region: 05
Land Type: Private
Receive Date: 20191213
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19971124
Handler Name: LONGS GARDEN CENTER INC
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20191213
Handler Name: LONGS GARDEN CENTER INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

| | |
|--|----------------------------------|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: 11226 S HALSTED |
| Name: LONGS GARDEN CENTER INC | Street 2: |
| Date Became Current: | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: 773-785-3129 | Country: |
| Source Type: Notification | Zip Code: 60628 |

Historical Handler Details

Receive Dt: 19971124
Generator Code Description: Small Quantity Generator
Handler Name: LONGS GARDEN CENTER INC

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------|-------------------|-----------|--------------------|----------------|---|------------------|
| 39 | 1 of 1 | SSE | 0.23 /
1,225.85 | 615.54 /
-3 | T.F. FITZGERALD
746 W 117TH ST
CHICAGO IL | TANKS
CHICAGO |

Facility ID: 746W1171959-07-24
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|--|-----------------|--------------------|
| Tank ID: | | Street No from: | 746 |
| Installation Date: | 07/24/1959 | Street No to: | 746 |
| Removal Date: | | Street Name: | 117TH |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | W |
| Tank Material: | | Latitude: | 41.68194762817602 |
| Tank Construction: | | Longitude: | -87.64148962278237 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64148962278237 41.68194762817602) | | |
| Comment: | WORK BY: JOHN H NELSON; INSTALL 1-1K F.O. | | |

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|--|------------------|
| 40 | 1 of 1 | N | 0.24 /
1,264.83 | 616.91 /
-2 | ROSELAND MOTOR SALES
11200 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|---|--------------------|----------------|--|------------------|

Facility ID: 11200HA1948-10-08
 Owner:
 Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | | | |
|--------------------|---|-----------------|--------------------|
| Tank ID: | | Street No from: | 11200 |
| Installation Date: | 10/08/1948 | Street No to: | 11200 |
| Removal Date: | | Street Name: | HALSTED |
| Last Used Date: | | Street Type: | ST |
| Tank Type: | UNDERGROUND STORAGE TANK | Direction: | S |
| Tank Material: | | Latitude: | 41.69044256330895 |
| Tank Construction: | | Longitude: | -87.64246668868857 |
| Tank Product: | | | |
| Tank Capacity: | | | |
| Location: | POINT (-87.64246668868857 41.69044256330895) | | |
| Comment: | WORK BY: MIDWEST HEATING; INSTALL 1-2K GAL FUEL OIL TANK FINAL 7/5/48 | | |

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|---|------|
| 41 | 1 of 6 | S | 0.24 /
1,289.52 | 615.50 /
-3 | Public Petroleum Co.
11656 South Halsted
Chicago IL 60628 | LUST |
|--------------------|--------|---|--------------------|----------------|---|------|

| | | | |
|------------------------------|----------------------|-----------------------|--------------|
| Incident No: | 970068 | LPC No: | 0316495087 |
| Incidents ID: | 20043 | IEMA Date: | 01/13/1997 |
| NFR Date: | | Regulation: | 732 |
| Gasoline: | True | C 20 Day Report Date: | |
| Unleaded: | False | C 45 Day Report Date: | |
| Diesel: | False | NFR Recorded Date: | |
| Fuel Oil: | False | Pre 74 Date: | |
| Jet Fuel: | False | Proj Manager Phone: | |
| Used Oil: | False | Proj Mngr First Nm: | |
| Non Petroleum Prod: | False | Proj Mngr Last Nm: | NOT ASSIGNED |
| Other Petroleum: | True | Proj Manager Email: | |
| Non LUST Date: | 08/27/2021 | Site County: | Cook |
| Non LUST Letter Dt: | 08/27/2021 | | |
| Heating Oil Letter Date: | | | |
| Free Product Discovery Date: | | | |
| Primary Resp Party Name: | Public Petroleum Co. | | |
| Primary Resp Party Address: | 2500 West 36th St. | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Primary Resp Party City: Chicago
Primary Resp Party State: IL
Primary Resp Party ZIP: 60632
Primary Resp Party Phone:
Primary Resp Party Contact: James Packtor

| | | | | | | |
|--------------------|--------|---|-----------------|-------------|--|-----|
| 41 | 2 of 6 | S | 0.24 / 1,289.52 | 615.50 / -3 | Mickey's Auto Service Center
11656 South Halsted Avenue
Chicago IL 60628 | SRP |
|--------------------|--------|---|-----------------|-------------|--|-----|

I EPA ID: 0316495087 **Longitude:** -87.642393
US EPA ID: **Latitude:** 41.681658
County: Cook

Site Applicant / Consultant Information

| | |
|---|--|
| RA Title: Mr. | Received SA Date: 2/4/1997 |
| RA First Name: James | PM ID: Not assigned |
| RA Last Name: Packtor | Foury Letter Date: |
| RA Address1: 2500 West 36th Street | Active Site: No |
| RA Address2: | Consultant Address1: 2711 South Wabash Avenue |
| RA City: Chicago, IL | Consultant Address2: |
| RA Zip: 60632 | Consultant City: Chicago, IL |
| Consultant Contact: Alisa S. Leyden | Consultant Zip: 60616 |
| RA Company: Public Petroleum | |
| Consultant Company: Leyden Environmental, Inc. | |

| | | | | | | |
|--------------------|--------|---|-----------------|-------------|--|------------------|
| 41 | 3 of 6 | S | 0.24 / 1,289.52 | 615.50 / -3 | PUBLIC PETROLEUM
11656 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|---|-----------------|-------------|--|------------------|

Facility ID: 11656HA1986-01-31
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | |
|---|-------------------------------------|
| Tank ID: | Street No from: 11656 |
| Installation Date: 01/31/1986 | Street No to: 11656 |
| Removal Date: | Street Name: HALSTED |
| Last Used Date: | Street Type: ST |
| Tank Type: UNDERGROUND STORAGE TANK | Direction: S |
| Tank Material: | Latitude: 41.681528364589646 |
| Tank Construction: | Longitude: -87.6421794762849 |
| Tank Product: | |
| Tank Capacity: | |
| Location: POINT (-87.6421794762849 41.681528364589646) | |
| Comment: WORK BY: ACCURATE PUMP & TANK; REMOVE 2-2K GSLN & 1-550 F.O. FINAL 3/3/86 | |

| | | | | | | |
|--------------------|--------|---|-----------------|-------------|--|------------------|
| 41 | 4 of 6 | S | 0.24 / 1,289.52 | 615.50 / -3 | PUBLIC PETROLEUM
11656 S HALSTED ST
CHICAGO IL | TANKS
CHICAGO |
|--------------------|--------|---|-----------------|-------------|--|------------------|

Facility ID: 11656HA1959-05-22
Owner:
Data Source(s): HISTORIC DEPT. OF BUILDINGS

Detail(s)

| | |
|--------------------------------------|------------------------------|
| Tank ID: | Street No from: 11656 |
| Installation Date: 05/22/1959 | Street No to: 11656 |
| Removal Date: | Street Name: HALSTED |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|--|-----------|------------------|---------------------|--------------------|----|
| Last Used Date: | | | | Street Type: | ST | |
| Tank Type: | UNDERGROUND STORAGE TANK | | | Direction: | S | |
| Tank Material: | | | | Latitude: | 41.681528364589646 | |
| Tank Construction: | | | | Longitude: | -87.6421794762849 | |
| Tank Product: | | | | | | |
| Tank Capacity: | | | | | | |
| Location: | POINT (-87.6421794762849 41.681528364589646) | | | | | |
| Comment: | WORK BY: H & H TANK INSTALLERS; INSTALL 1-550 GAL FUEL OIL TANK FINAL 6/2/59 | | | | | |

| | | | | | | |
|----------------------------|---|---|--------------------|----------------------------|--|------------------|
| 41 | 5 of 6 | S | 0.24 /
1,289.52 | 615.50 /
-3 | Public Petroleum Co
11656 S Halsted
Chicago IL 60628 | LUST
DOCUMENT |
| Site ID: | 170000528329 | | | Originating Bureau: | Bureau of Land | |
| System ID: | 0316495087 | | | City (Doc Search): | Chicago | |
| Program ID: | 0316495087 | | | State (Doc Search): | IL | |
| Interest Type: | LUST | | | Zip (Doc Search): | 60628 | |
| Media Code: | LAND | | | City (Geo Search): | Chicago | |
| Category: | Leaking UST Technical | | | State (Geo Search): | IL | |
| Document Indicator: | Yes | | | Zip (Geo Search): | 60628 | |
| Document Count: | 5 | | | Latitude: | 41.6821 | |
| Total Pages: | 14 | | | Longitude: | -87.64206 | |
| Revision Date Time: | 06/30/2003 | | | X: | -87.64205999999996 | |
| Collection Date: | 01/01/2001 | | | Y: | 41.682100000000005 | |
| Name (Doc Search): | Public Petroleum Co - 170000528329 | | | | | |
| Addr (Doc Search): | 11656 S Halsted | | | | | |
| Name (Geo Search): | Public Petroleum Co | | | | | |
| Addr (Geo Search): | 11656 S Halsted | | | | | |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmtpY1xuUHdkPU4xbWRhJHRyYXRvcIBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMDUyODMyOSlgQU5EIFtDQVRFR09SWV09IjlxQSI1 | | | | | |
| Data Source: | IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search | | | | | |
| Note: | Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | | | | |

| | | | | | | |
|----------------------------|--|---|--------------------|----------------|--|------------|
| 41 | 6 of 6 | S | 0.24 /
1,289.52 | 615.50 /
-3 | Public Petroleum Co
11656 S Halsted
Chicago IL 60628 | REM ASSESS |
| Name (SWAP): | Public Petroleum Co | | | | | |
| Address (SWAP): | 11656 S Halsted | | | | | |
| City (SWAP): | Chicago | | | | | |
| State (SWAP): | IL | | | | | |
| Postal Code (SWAP): | 60628 | | | | | |
| Name(Doc Expl): | Public Petroleum Co - 170000528329 | | | | | |
| Address (Doc Expl): | 11656 S Halsted | | | | | |
| City (Doc Expl): | Chicago | | | | | |
| State (Doc Expl): | IL | | | | | |
| Zip (Doc Expl): | 60628 | | | | | |
| Data Source(s): | IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search | | | | | |
| Note: | Documents related to facilities in Illinois can be search on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer | | | | | |

IEPA Document Explorer

| | | | |
|----------------------|---|----------------------------|----------------|
| Site ID: | 170000528329 | Originating Bureau: | Bureau of Land |
| Program ID: | 0316495087 | Document Count: | 1 |
| Category: | Site Remediation - Technical | Total Pages: | 1 |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmtpY1xuUHdkPU4xbWRhJHRyYXRvcIBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMDUyODMyOSlgQU5EIFtDQVRFR09SWV09IjlxQSI1 | | |

IEPA Docuware (SWAP)

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------|-------------------|-----------|------------------|----------------|---------------------|--------------------|
| Site ID: | 170000528329 | | | | Document Indicator: | Yes |
| System ID: | 0316495087 | | | | Latitude: | 41.6821 |
| Interest Type: | BOL | | | | Longitude: | -87.64206 |
| Media Code: | LAND | | | | X: | -87.64205999999996 |
| Collection Date: | 08/01/2001 | | | | Y: | 41.68210000000005 |
| Revision Date/Time: | 06/30/2003 | | | | | |

IEPA Docuware (SWAP)

| | | | |
|---------------------|--------------|---------------------|--------------------|
| Site ID: | 170000528329 | Document Indicator: | Yes |
| System ID: | 0316495087 | Latitude: | 41.68157 |
| Interest Type: | VSRU | Longitude: | -87.64222 |
| Media Code: | LAND | X: | -87.64221999999995 |
| Collection Date: | 02/04/1997 | Y: | 41.68157000000008 |
| Revision Date/Time: | 06/30/2003 | | |

[42](#) 1 of 2 W 0.40 / 2,098.74 615.01 / -3 Statewide Mortgage 11501 South Racine Chicago IL 60643 LUST

| | | | |
|------------------------------|------------------------|-----------------------|------------|
| Incident No: | 20060337 | LPC No: | 0316725138 |
| Incidents ID: | 4578 | IEMA Date: | 03/20/2006 |
| NFR Date: | | Regulation: | 734 |
| Gasoline: | True | C 20 Day Report Date: | |
| Unleaded: | False | C 45 Day Report Date: | |
| Diesel: | False | NFR Recorded Date: | |
| Fuel Oil: | False | Pre 74 Date: | |
| Jet Fuel: | False | Proj Manager Phone: | |
| Used Oil: | False | Proj Mngr First Nm: | Karl |
| Non Petroleum Prod: | False | Proj Mngr Last Nm: | Kaiser |
| Other Petroleum: | False | Proj Manager Email: | |
| Non LUST Date: | | Site County: | Cook |
| Non LUST Letter Dt: | | | |
| Heating Oil Letter Date: | 05/01/2006 | | |
| Free Product Discovery Date: | | | |
| Primary Resp Party Name: | Statewide Mortgage | | |
| Primary Resp Party Address: | 7117 West 111th Street | | |
| Primary Resp Party City: | Worth | | |
| Primary Resp Party State: | IL | | |
| Primary Resp Party ZIP: | 60482 | | |
| Primary Resp Party Phone: | 7089231515 | | |
| Primary Resp Party Contact: | Sam Haddad | | |

[42](#) 2 of 2 W 0.40 / 2,098.74 615.01 / -3 Statewide Mortgage 11501 S Racine Chicago IL 60643 LUST DOCUMENT

| | | | |
|---------------------|---|---------------------|--------------------|
| Site ID: | 170001630117 | Originating Bureau: | Bureau of Land |
| System ID: | 0316725138 | City (Doc Search): | Chicago |
| Program ID: | 0316725138 | State (Doc Search): | IL |
| Interest Type: | LUST | Zip (Doc Search): | 60643 |
| Media Code: | LAND | City (Geo Search): | Chicago |
| Category: | Leaking UST Technical | State (Geo Search): | IL |
| Document Indicator: | Yes | Zip (Geo Search): | 60643 |
| Document Count: | 4 | Latitude: | 41.68484 |
| Total Pages: | 7 | Longitude: | -87.65173 |
| Revision Date Time: | 03/24/2006 | X: | -87.65172999999999 |
| Collection Date: | 04/12/2007 | Y: | 41.684840000000065 |
| Name (Doc Search): | Statewide Mortgage - 170001630117 | | |
| Addr (Doc Search): | 11501 S Racine | | |
| Name (Geo Search): | Statewide Mortgage | | |
| Addr (Geo Search): | 11501 S Racine | | |
| Category URL: | https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvcIBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMTYzMDExNyJlQU5EIFtDQVRFR09SWV09IjlxQSI1 | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|--|-----|
| 43 | 1 of 4 | W | 0.43 /
2,294.40 | 615.12 /
-3 | E&E Flair Cleaners Inc
1215 West 115th Street
Chicago IL 60643 | SRP |
|--------------------|--------|---|--------------------|----------------|--|-----|

| | | | |
|-------------------|--------------|-------------------|------------|
| I EPA ID: | 0316755002 | Longitude: | -87.652544 |
| US EPA ID: | ILD130239742 | Latitude: | 41.684291 |
| County: | Cook | | |

Site Applicant / Consultant Information

| | | | |
|----------------------------|------------------------|-----------------------------|--------------------|
| RA Title: | Mr. | Received SA Date: | 12/11/2014 |
| RA First Name: | Edward | PM ID: | James Baldwin |
| RA Last Name: | Shin | Foury Letter Date: | |
| RA Address1: | 1215 West 115th Street | Active Site: | No |
| RA Address2: | | Consultant Address1: | 3697 Darlene Court |
| RA City: | Chicago, IL | Consultant Address2: | |
| RA Zip: | 60643 | Consultant City: | Aurora, IL |
| Consultant Contact: | Todd Roberts | Consultant Zip: | 60504 |
| RA Company: | | | |
| Consultant Company: | MeritCorp Group, LLC | | |

Letter Information

| | | | |
|---------------------------------------|--------------------------------------|-----------------------------|-----|
| NFR Site Name: | E&E Flair Cleaners Inc | Indust Commercial: | No |
| NFR Letter Date: | 8/12/2015 | Worker Caution: | No |
| Effective: | True | Slab on Grade: | Yes |
| NFR Recorded Date: | 8/27/2015 | BCT: | No |
| Comp Focus: | Focused | Inst Control Other: | No |
| RA First Name: | Edward | Building Slab: | No |
| RA Last Name: | Shin | Asphalt Used: | No |
| RA Company: | | Concrete Used: | No |
| RA Address1: | 1215 West 115th Street | Clean Soil Three ft: | No |
| RA Address2: | | Clean Soil Ten ft: | No |
| RA City: | Chicago, IL | Alternate Barrier: | No |
| RA Zip: | 60643 | Other Barrier: | No |
| Acres: | 0.6400 | ELUC Other: | No |
| Ordinance: | No | | |
| ELUC Groundwater Use Restrict: | No | | |
| Groundwater Use Restriction: | Yes | | |
| Highway Authority Agreement: | No | | |
| Land Use: | Residential or Industrial/Commercial | | |

| | | | | | | |
|--------------------|--------|---|--------------------|----------------|--|-----|
| 43 | 2 of 4 | W | 0.43 /
2,294.40 | 615.12 /
-3 | E&E Flair Cleaners Inc
1215 West 115th Street
Chicago IL 60643 | ENG |
|--------------------|--------|---|--------------------|----------------|--|-----|

| | | | |
|-------------------|--------------|-------------------|------------|
| I EPA ID: | 0316755002 | Longitude: | -87.652544 |
| US EPA ID: | ILD130239742 | Latitude: | 41.684291 |
| County: | Cook | | |

Site Applicant / Consultant Information

| | | | |
|-----------------------|------------------------|-----------------------------|--------------------|
| Active Site: | No | Consultant Contact: | Todd Roberts |
| RA Title: | Mr. | Consultant Address1: | 3697 Darlene Court |
| RA First Name: | Edward | Consultant Address2: | |
| RA Last Name: | Shin | Consultant City: | Aurora, IL |
| RA Address1: | 1215 West 115th Street | Consultant Zip: | 60504 |
| RA Address2: | | PM ID: | James Baldwin |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------|----------------------|-----------|------------------|----------------|--------------------------|------------|
| RA City: | Chicago, IL | | | | Received SA Date: | 12/11/2014 |
| RA Zip: | 60643 | | | | Four Letter Date: | |
| RA Company: | | | | | | |
| Consultant Company: | MeritCorp Group, LLC | | | | | |

Letters Information

| | | | |
|---------------------------------------|--------------------------------------|-----------------------------|-----|
| NFR Site Name: | E&E Flair Cleaners Inc | Indust Commercial: | No |
| NFR Letter Date: | 8/12/2015 | Worker Caution: | No |
| Effective: | True | Slab on Grade: | Yes |
| NFR Recorded Date: | 8/27/2015 | BCT: | No |
| Comp Focus: | Focused | Inst Control Other: | No |
| RA First Name: | Edward | Building Slab: | No |
| RA Last Name: | Shin | Asphalt Used: | No |
| RA Company: | | Concrete Used: | No |
| RA Address1: | 1215 West 115th Street | Clean Soil Three ft: | No |
| RA Address2: | | Clean Soil Ten ft: | No |
| RA City: | Chicago, IL | Alternate Barrier: | No |
| RA Zip: | 60643 | Other Barrier: | No |
| Acres: | 0.6400 | ELUC Other: | No |
| Ordinance: | No | | |
| ELUC Groundwater Use Restrict: | No | | |
| Groundwater Use Restriction: | Yes | | |
| Highway Authority Agreement: | No | | |
| Land Use: | Residential or Industrial/Commercial | | |

43 3 of 4 **W** 0.43 / 2,294.40 615.12 / -3 **E&E Flair Cleaners Inc**
1215 West 115th Street
Chicago IL 60643 **INST**

| | | | |
|-------------------|--------------|-------------------|------------|
| I EPA ID: | 0316755002 | Longitude: | -87.652544 |
| US EPA ID: | ILD130239742 | Latitude: | 41.684291 |
| County: | Cook | | |

Site Applicant / Consultant Information

| | | | |
|----------------------------|------------------------|-----------------------------|--------------------|
| RA Title: | Mr. | Received SA Date: | 12/11/2014 |
| RA First Name: | Edward | PM ID: | James Baldwin |
| RA Last Name: | Shin | Four Letter Date: | |
| RA Company: | | Active Site: | No |
| RA Address1: | 1215 West 115th Street | Consultant Address1: | 3697 Darlene Court |
| RA Address2: | | Consultant Address2: | |
| RA City: | Chicago, IL | Consultant City: | Aurora, IL |
| RA Zip: | 60643 | Consultant Zip: | 60504 |
| Consultant Contact: | Todd Roberts | | |
| Consultant Company: | MeritCorp Group, LLC | | |

Letters Information

| | | | |
|---------------------------------------|------------------------|-----------------------------|-----|
| NFR Site Name: | E&E Flair Cleaners Inc | Indust Commercial: | No |
| NFR Letter Date: | 8/12/2015 | Worker Caution: | No |
| Effective: | True | Slab on Grade: | Yes |
| NFR Recorded Date: | 8/27/2015 | BCT: | No |
| Comp Focus: | Focused | Inst Control Other: | No |
| RA First Name: | Edward | Building Slab: | No |
| RA Last Name: | Shin | Asphalt Used: | No |
| RA Company: | | Concrete Used: | No |
| RA Address1: | 1215 West 115th Street | Clean Soil Three ft: | No |
| RA Address2: | | Clean Soil Ten ft: | No |
| RA City: | Chicago, IL | Alternate Barrier: | No |
| RA Zip: | 60643 | Other Barrier: | No |
| Acres: | 0.6400 | ELUC Other: | No |
| Ordinance: | No | | |
| ELUC Groundwater Use Restrict: | No | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------------|-------------------|--------------------------------------|------------------|----------------|------|----|
| Restrict: | | | | | | |
| Groundwater Use Restriction: | | Yes | | | | |
| Highway Authority Agreement: | | No | | | | |
| Land Use: | | Residential or Industrial/Commercial | | | | |

[43](#) 4 of 4 W 0.43 / 2,294.40 615.12 / -3 E&e Flair Cleaners Inc 1215 W 115th St Chicago IL 60643 **REM ASSESS**

Name (SWAP): E&e Flair Cleaners Inc
Address (SWAP): 1215 W 115th St
City (SWAP): Chicago
State (SWAP): IL
Postal Code (SWAP): 60643
Name (Doc Expl): E&e Flair Cleaners Inc - 170000238954
Address (Doc Expl): 1215 W 115th St
City (Doc Expl): Chicago
State (Doc Expl): IL
Zip (Doc Expl): 60643
Data Source(s): IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be search on the Illinois Environmental Protection Agency (IEPA) Document Explorer: <https://external.epa.illinois.gov/DocumentExplorer>

IEPA Document Explorer

Site ID: 170000238954 **Originating Bureau:** Bureau of Land
Program ID: 0316755002 **Document Count:** 13
Category: Site Remediation - Technical **Total Pages:** 371
Category URL: <https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmtpY1xuUHdkPU4xbWRhJHRyYXRvcIBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0IFUEFJRF09IjE3MDAwMDIzODk1NCIlgQU5EIFtDQVRFR09SWV09IjMxQSI1>

IEPA Docuware (SWAP)

Site ID: 170000238954 **Document Indicator:** Yes
System ID: 0316755002 **Latitude:** 41.68476
Interest Type: BOL **Longitude:** -87.65237
Media Code: LAND **X:** -87.65236999999996
Collection Date: 12/30/2003 **Y:** 41.684760000000004
Revision Date/Time: 06/30/2003

[44](#) 1 of 1 S 0.69 / 3,635.68 612.24 / -6 Dutch Boy Paint 12042 South Peoria Chicago IL 60643-5522 **SSU**

Site ID: 0316005116 **Financed:** PRP
SSU Status: Transferred **Month Completed:**
Site Size: 5.25 **Curr Proj Manager:** 97
DTM Year Entered: **Commu Relation:** 107
Year Comp: **Region Name:** Des Plaines
Use Paid: ILP0830849 **County:** Cook
FOS: 150 **Latitude:** 41.675098
LP52: 115 **Longitude:** -87.644447
Site Type: Manufacturer - Paint
Current Prog: SRP
Current Program Description: Site Remediation Program

[45](#) 1 of 1 SSW 0.70 / 3,713.83 610.91 / -8 WEST PULLMAN WORKS-FORMERLY 1015 W 120TH ST CHICAGO IL 60643 **RCRA CORRACTS**

EPA Handler ID: ILD005213285

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
| Gen Status Universe: | | No Report | | | | |
| Contact Name: | | EDITH ARDIENTE | | | | |
| Contact Address: | | | | | | |
| Contact Phone No and Ext: | | 312-836-3920 | | | | |
| Contact Email: | | | | | | |
| Contact Country: | | | | | | |
| County Name: | | COOK | | | | |
| EPA Region: | | 05 | | | | |
| Land Type: | | Private | | | | |
| Receive Date: | | 20210602 | | | | |
| Location Latitude: | | 41.67591 | | | | |
| Location Longitude: | | -87.646851 | | | | |

Event/Area Details

| | |
|--|---|
| Area Name: | ENTIRE FACILITY |
| Event Code: | CA225YE |
| Corrective Action Event Descri: | STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION |
| Actual Date of Event: | 19930311 |
| Orig Sched Event Date: | |
| New Sched Event Date: | |
| Best Date: | 19930311 |
| Groundwater Release Indicator: | |
| Soil Release Indicator: | |
| Air Release Indicator: | |
| Surface Waste Release Ind: | |
| Event Responsible Agency: | E |

| | |
|--|------------------------------------|
| Area Name: | ENTIRE FACILITY |
| Event Code: | CA075HI |
| Corrective Action Event Descri: | CA PRIORITIZATION-HIGH CA PRIORITY |
| Actual Date of Event: | 19921228 |
| Orig Sched Event Date: | |
| New Sched Event Date: | |
| Best Date: | 19921228 |
| Groundwater Release Indicator: | |
| Soil Release Indicator: | |
| Air Release Indicator: | |
| Surface Waste Release Ind: | |
| Event Responsible Agency: | E |

Violation/Evaluation Summary

Note: NO RECORDS: As of Jul 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

| | |
|--|----|
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility: | No |
| Onsite Burner: | No |
| Smelting, Melting and Refining: | No |
| Underground Injection Control: | No |
| Commercial TSD: | No |
| Used Oil Transporter: | No |
| Used Oil Transfer Facility: | No |
| Used Oil Processor: | No |
| Used Oil Refiner: | No |
| Used Oil Burner: | No |
| Used Oil Market Burner: | No |
| Used Oil Spec Marketer: | No |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800805
Handler Name: INTERNATIONAL HARVESTER CO W PULLMAN PLT
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K062
Waste Code Description: SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.

Hazardous Waste Code: P106
Waste Code Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801118
Handler Name: INTERNATIONAL HARVESTER CO W PULLMAN PLT
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Part A

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F009
Waste Code Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Hazardous Waste Code: K062
Waste Code Description: SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100301
Handler Name: WEST PULLMAN WORKS-FORMERLY

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210602
Handler Name: WEST PULLMAN WORKS-FORMERLY
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

| | |
|---|--|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: Private | Street 1: 303 E WACKER DR STE 360 |
| Name: NAVISTAR INC | Street 2: |
| Date Became Current: 19020101 | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: | Country: US |
| Source Type: Implementer | Zip Code: 60601 |

| | |
|--|----------------------------------|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: 1015 W 120TH ST |
| Name: INTERNATIONAL HARVESTER CO | Street 2: |
| Date Became Current: | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: 312-995-4000 | Country: |
| Source Type: Notification | Zip Code: 60643 |

| | |
|---|----------------------------------|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: Private | Street 1: 1015 W 120TH ST |
| Name: INTERNATIONAL HARVESTER CO | Street 2: |
| Date Became Current: | City: CITY NOT REPORTED |
| Date Ended Current: | State: IL |
| Phone: 312-995-4000 | Country: |
| Source Type: Part A | Zip Code: 99998 |

| | |
|---|---|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: 30 N LASALLE ST STE 2500 |
| Name: CHICAGO, CITY OF | Street 2: |
| Date Became Current: 19980101 | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: | Country: US |
| Source Type: Annual/Biennial Report update with Notification | Zip Code: 60602-2575 |

| | |
|--|---|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Private | Street 1: 30 N LASALLE ST STE 2500 |
| Name: CHICAGO, CITY OF | Street 2: |
| Date Became Current: 19980101 | City: CHICAGO |
| Date Ended Current: | State: IL |
| Phone: | Country: US |
| Source Type: Implementer | Zip Code: 60602-2575 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

| | | | | | | |
|-----------------------------|---|-------------------|-------------------------|--|--|--|
| Owner/Operator Ind: | Current Operator | Street No: | | | | |
| Type: | Private | Street 1: | 303 E WACKER DR STE 360 | | | |
| Name: | NAVISTAR INC | Street 2: | | | | |
| Date Became Current: | 19020101 | City: | CHICAGO | | | |
| Date Ended Current: | | State: | IL | | | |
| Phone: | | Country: | US | | | |
| Source Type: | Annual/Biennial Report update with Notification | Zip Code: | 60601 | | | |

Historical Handler Details

| | |
|------------------------------------|--|
| Receive Dt: | 20100301 |
| Generator Code Description: | Not a Generator, Verified |
| Handler Name: | WEST PULLMAN WORKS-FORMERLY |
| Receive Dt: | 19801118 |
| Generator Code Description: | Not a Generator, Verified |
| Handler Name: | INTERNATIONAL HARVESTER CO W PULLMAN PLT |
| Receive Dt: | 19800805 |
| Generator Code Description: | Not a Generator, Verified |
| Handler Name: | INTERNATIONAL HARVESTER CO W PULLMAN PLT |

Unplottable Summary

Total: 13 Unplottable sites

| DB | Company Name/Site Name | Address | City | Zip | ERIS ID |
|--------|-------------------------|--|-----------------------|-------|-----------|
| ERNS | | 115TH ST.
<i>NRC Report No:</i> 808077 | CHICAGO IL | | 806950453 |
| ERNS | | 115TH STREET
<i>NRC Report No:</i> 252735 | CHICAGO IL | 60628 | 806887993 |
| ERNS | | 115TH ST CROSSING
<i>NRC Report No:</i> 1031112 | CHICAGO IL | | 807204783 |
| ERNS | | HALSTED STREET
<i>NRC Report No:</i> 844940 | CHICAGO IL | | 807140056 |
| ERNS | | HALSTED STREET
<i>NRC Report No:</i> 780322 | CHICAGO IL | | 806970933 |
| HMIRS | | 115TH ST | CHICAGO IL | | 818147641 |
| HMIRS | | 115TH ST | CHICAGO IL | | 818268347 |
| HMIRS | | 115TH STREET | CHICAGO IL | | 818603349 |
| HMIRS | | 115TH STREET | CHICAGO IL | | 818510524 |
| HMIRS | | EMERALD AVENUE | CHICAGO IL | | 818454441 |
| SPILLS | UNION PACIFIC RAIL ROAD | HALSTED STREET YARD
<i>Incident No:</i> H 2005 1376 | CHICAGO IL | | 822045306 |
| SPILLS | CANADIAN PACIFIC RR | GREEN ST. | BENSENVILLE RR YD. IL | | 822043494 |

Incident No: H 2003 0461

SPILLS

Norfolk Southern

Union Avenue

---Not provided in
the report--- IL

822049758

Incident No: H-2009-0221

Unplottable Report

Site: 115TH ST. CHICAGO IL

ERNS

| | | | |
|---------------------------------|--|---------------------------|--|
| NRC Report No: | 808077 | Latitude Degrees: | |
| Type of Incident: | RAILROAD NON-RELEASE | Latitude Minutes: | |
| Incident Cause: | TRANSPORT ACCIDENT | Latitude Seconds: | |
| Incident Date: | 16-Aug-2006 17:21:00 | Longitude Degrees: | |
| Incident Location: | MILEPOST 13.50 | Longitude Minutes: | |
| Incident Dtg: | OCCURRED | Longitude Seconds: | |
| Distance from City: | | Lat Quad: | |
| Distance Units: | | Long Quad: | |
| Direction from City: | | Location Section: | |
| Location County: | COOK | Location Township: | |
| Potential Flag: | Yes | Location Range: | |
| Year: | Year 2006 Reports | | |
| Description of Incident: | CALLER IS REPORTING A GRADE CROSSING ACCIDENT INVOLVING A COMMUTER TRAIN AND AUTOMOBILE (1999 TOYOTA COROLLA). LICENSE PLATE NUMBER OF THE VEHICLE: IL - D727513. CALLER STATES THE VEHICLE PROCEEDED UNDER THE DOWN GATES AND STOPPED. THEN THE DRIVER PUT THE CAR IN REVERSE AND STARTED TO MOVE BACK BUT WAS STRUCK BY THE TRAIN. THERE WERE APPROXIMATELY 1,400 PASSENGERS ONBOARD THE TRAIN (NONE WERE TRANSFERRED). THE SERVICE DELAY TOOK PLACE FOR ABOUT 20 MINUTES. | | |

Calls Information

| | | | |
|----------------------------|----------------------|---------------------------|-----------|
| Date Time Received: | 16-Aug-2006 20:36:56 | Responsible City: | |
| Date Time Complete: | 16-Aug-2006 20:47:08 | Responsible State: | XX |
| Call Type: | INC | Responsible Zip: | |
| Resp Company: | | Source: | TELEPHONE |
| Resp Org Type: | UNKNOWN | | |

Incident Information

| | | | |
|------------------------------|-------|-----------------------------|-------------|
| Tank ID: | | Building ID: | |
| Tank Regulated: | U | Location Area ID: | |
| Tank Regulated By: | | Location Block ID: | |
| Capacity of Tank: | | OCSG No: | |
| Capacity Tank Units: | | OCSF No: | |
| Description of Tank: | | State Lease No: | |
| Actual Amount: | | Pier Dock No: | |
| Actual Amount Units: | | Berth Slip No: | |
| Tank Above Ground: | ABOVE | Brake Failure: | N |
| NPDES: | | Airbag Deployed: | |
| NPDES Compliance: | U | Transport Contain: | U |
| Init Contin Rel No: | | Location Subdiv: | MORGAN PARK |
| Contin Rel Permit: | | Platform Rig Name: | |
| Contin Release Type: | | Platform Letter: | |
| Aircraft ID: | | Allision: | N |
| Aircraft Runway No: | | Type of Structure: | |
| Aircraft Spot No: | | Structure Name: | |
| Aircraft Type: | | Structure Oper: | U |
| Aircraft Model: | | Transit Bus Flag: | |
| Aircraft Fuel Cap: | | Date Time Norm Serv: | |
| Aircraft Fuel Cap U: | | Serv Disrupt Time: | |
| Aircraft Fuel on Brd: | | Serv Disrupt Units: | |
| Aircraft Fuel OB U: | | CR Begin Date: | |
| Aircraft Hanger: | | CR End Date: | |
| Road Mile Marker: | | CR Change Date: | |
| Power Gen Facility: | U | FBI Contact: | |
| Generating Capacity: | | FBI Contact Dt Tm: | |
| Type of Fixed Obj: | | Passenger Handling: | |

Type of Fuel:
DOT Crossing No: 608310D
DOT Regulated: U
Pipeline Type:
Pipeline Abv Ground: ABOVE
Pipeline Covered: U
Exposed Underwater: N
Railroad Hotline:
Railroad Milepost: 13.50
Grade Crossing: Y
Crossing Device Ty: GATES/LIGHTS/BELLS
Ty Vehicle Involved: PASSENGER CAR
Device Operational: Y

Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: NO
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: Y
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: LOCAL AUTHORITES ARRIVED ON SCENE, PERFORMING A TRACK INSPECTION AND DOWNLOAD OF THE SIGNAL SYSTEM, AND THE PEOPLE INSIDE THE VEHICLE WERE SENT TO THE HOSPITAL

State Agen Report No: RR20060109
State Agen on Scene: LOCAL AUTHORITIES
State Agen Notified: EMA, LOCAL AUTHORITIES
Fed Agency Notified:
Oth Agency Notified:
Body of Water:

Fire Involved: N
Fire Extinguished: U
Any Evacuatuons: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: Y
No. Injured: 2
No. Hospitalized: 2
No. Fatalities:
Any Fatalities: N
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest: LOW
Medium Desc: RAIL REPORT (N/A)
Addl Medium Info:

Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions: CLEAR
Air Temperature: 80
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Passengers Transfer: NO
Passenger Injuries: 0
Employee Injuries: 0
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:
Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info: CALLER DOES NOT KNOW THE EXTENT OF THE INJURIES AT THIS TIME.

Site:
115TH STREET CHICAGO IL 60628

ERNS

NRC Report No: 252735
Type of Incident: UNKNOWN SHEEN
Incident Cause: UNKNOWN
Incident Date: 30-Jul-1994 11:00:00
Incident Location:

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:

Incident Dtg: DISCOVERED
Distance from City:
Distance Units:
Direction from City:
Location County: COOK
Potential Flag:
Year: Year 1994 Reports
Description of Incident: CALLER REPORTS A STRONG SOLVENT SMELL IN THE AIR

Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

| | | | |
|----------------------------|------------------|--------------------------|----------------|
| Chris Code: | UNK | Unit of Measure: | UNKNOWN AMOUNT |
| CAS No: | | If Reached Water: | YES |
| UN No: | | Amount in Water: | 0 |
| Name of Material: | UNKNOWN MATERIAL | Unit Reach Water: | UNKNOWN AMOUNT |
| Amount of Material: | 0 | | |

Calls Information

| | | | |
|----------------------------|----------------------|---------------------------|-------------|
| Date Time Received: | 31-Jul-1994 00:03:03 | Responsible City: | |
| Date Time Complete: | 31-Jul-1994 00:07:28 | Responsible State: | XX |
| Call Type: | INC | Responsible Zip: | |
| Resp Company: | PMC CHEMICAL PLANT | Source: | UNAVAILABLE |
| Resp Org Type: | UNKNOWN | | |

Incident Information

| | | | |
|------------------------------|---------|-----------------------------|-----|
| Tank ID: | | Building ID: | |
| Tank Regulated: | U | Location Area ID: | |
| Tank Regulated By: | | Location Block ID: | |
| Capacity of Tank: | | OCSG No: | |
| Capacity Tank Units: | | OCSF No: | |
| Description of Tank: | | State Lease No: | |
| Actual Amount: | | Pier Dock No: | |
| Actual Amount Units: | | Berth Slip No: | |
| Tank Above Ground: | ABOVE | Brake Failure: | N |
| NPDES: | | Airbag Deployed: | |
| NPDES Compliance: | U | Transport Contain: | U |
| Init Contin Rel No: | | Location Subdiv: | |
| Contin Rel Permit: | | Platform Rig Name: | |
| Contin Release Type: | | Platform Letter: | |
| Aircraft ID: | | Allision: | N |
| Aircraft Runway No: | | Type of Structure: | |
| Aircraft Spot No: | | Structure Name: | |
| Aircraft Type: | UNKNOWN | Structure Oper: | Y |
| Aircraft Model: | | Transit Bus Flag: | |
| Aircraft Fuel Cap: | | Date Time Norm Serv: | |
| Aircraft Fuel Cap U: | | Serv Disrupt Time: | |
| Aircraft Fuel on Brd: | | Serv Disrupt Units: | |
| Aircraft Fuel OB U: | | CR Begin Date: | |
| Aircraft Hanger: | | CR End Date: | |
| Road Mile Marker: | | CR Change Date: | |
| Power Gen Facility: | U | FBI Contact: | |
| Generating Capacity: | | FBI Contact Dt Tm: | |
| Type of Fixed Obj: | UNKNOWN | Passenger Handling: | |
| Type of Fuel: | | Passenger Route: | XXX |
| DOT Crossing No: | | Passenger Delay: | XXX |
| DOT Regulated: | U | Sub Part C Test Req: | XXX |
| Pipeline Type: | UNKNOWN | Conductor Test: | |
| Pipeline Abv Ground: | ABOVE | Engineer Test: | |
| Pipeline Covered: | U | Trainman Test: | |
| Exposed Underwater: | U | Yard Foreman Test: | |
| Railroad Hotline: | No | RCL Operator Test: | |
| Railroad Milepost: | UNKNOWN | Brakeman Test: | |
| Grade Crossing: | N | Train Dispat Test: | |
| Crossing Device Ty: | | Signalman Test: | |
| Ty Vehicle Involved: | UNKNOWN | Oth Employee Test: | |
| Device Operational: | Y | Unknown Test: | |

Incident Details Information

| | | | |
|-----------------------------|------------|------------------------------|--|
| Release Secured: | U | State Agen Report No: | |
| Release Rate: | | State Agen on Scene: | |
| Release Rate Unit: | | State Agen Notified: | |
| Release Rate Rate: | | Fed Agency Notified: | |
| Est Duration of Rel: | | Oth Agency Notified: | |
| Desc Remedial Act: | NONE | Body of Water: | |
| Fire Involved: | N | Tributary of: | |
| Fire Extinguished: | U | Near River Mile Make: | |
| Any Evacuations: | N | Near River Mile Mark: | |
| No Evacuated: | | Offshore: | Y |
| Who Evacuated: | | Weather Conditions: | |
| Radius of Evac: | | Air Temperature: | |
| Any Injuries: | U | Wind Direction: | |
| No. Injured: | | Wind Speed: | |
| No. Hospitalized: | | Wind Speed Unit: | |
| No. Fatalities: | | Water Supp Contam: | U |
| Any Fatalities: | U | Water Temperature: | |
| Any Damages: | N | Wave Condition: | |
| Damage Amount: | | Current Speed: | |
| Air Corridor Closed: | N | Current Direction: | |
| Air Corridor Desc: | | Current Speed Unit: | |
| Air Closure Time: | | EMPL Fatality: | |
| Waterway Closed: | N | Pass Fatality: | |
| Waterway Desc: | | Community Impact: | N |
| Waterway Close Time: | | Passengers Transfer: | UNK |
| Road Closed: | N | Passenger Injuries: | |
| Road Desc: | | Employee Injuries: | |
| Road Closure Time: | | Occupant Fatality: | |
| Road Closure Units: | | Sheen Size: | |
| Closure Direction: | | Sheen Size Units: | |
| Major Artery: | No | Sheen Size Length: | |
| Track Closed: | N | Sheen Size Length U: | |
| Track Desc: | | Sheen Size Width: | |
| Track Closure Time: | | Sheen Size Width U: | |
| Track Closure Units: | | Sheen Color: | |
| Track Close Dir: | | Dir of Sheen Travel: | |
| Media Interest: | | Sheen Odor Desc: | |
| Medium Desc: | AIR | Duration Unit: | |
| Addl Medium Info: | ATMOSPHERE | Additional Info: | CALLER STATES COMPANY IS DISCHARGING MATERIAL INTO THE SEWAGE SYSTEM |

Site: 115TH ST CROSSING CHICAGO IL ERNS

| | | | |
|---------------------------------|--|---------------------------|--|
| NRC Report No: | 1031112 | Latitude Degrees: | |
| Type of Incident: | RAILROAD NON-RELEASE | Latitude Minutes: | |
| Incident Cause: | OTHER | Latitude Seconds: | |
| Incident Date: | 19-Nov-2012 17:22:00 | Longitude Degrees: | |
| Incident Location: | | Longitude Minutes: | |
| Incident Dtg: | OCCURRED | Longitude Seconds: | |
| Distance from City: | | Lat Quad: | |
| Distance Units: | | Long Quad: | |
| Direction from City: | | Location Section: | |
| Location County: | COOK | Location Township: | |
| Potential Flag: | No | Location Range: | |
| Year: | Year 2012 Reports | | |
| Description of Incident: | THE CALLER IS REPORTING A TRAIN THAT STRUCK A VEHICLE AT A CROSSING. | | |

Calls Information

| | | | |
|----------------------------|----------------------|---------------------------|-----------|
| Date Time Received: | 19-Nov-2012 21:02:16 | Responsible City: | |
| Date Time Complete: | 19-Nov-2012 21:08:18 | Responsible State: | XX |
| Call Type: | INC | Responsible Zip: | |
| Resp Company: | | Source: | TELEPHONE |

Resp Org Type: UNKNOWN

Incident Information

| | | | |
|--------------------------------|--------------------|-----------------------------|--|
| Tank ID: | | Building ID: | |
| Tank Regulated: | U | Location Area ID: | |
| Tank Regulated By: | | Location Block ID: | |
| Capacity of Tank: | | OCSG No: | |
| Capacity Tank Units: | | OOSP No: | |
| Description of Tank: | | State Lease No: | |
| Actual Amount: | | Pier Dock No: | |
| Actual Amount Units: | | Berth Slip No: | |
| Tank Above Ground: | ABOVE | Brake Failure: | U |
| NPDES: | | Airbag Deployed: | U |
| NPDES Compliance: | U | Transport Contain: | U |
| Init Contin Rel No: | | Location Subdiv: | ROCK ISLAND |
| Contin Rel Permit: | | Platform Rig Name: | |
| Contin Release Type: | | Platform Letter: | |
| Aircraft ID: | | Allision: | U |
| Aircraft Runway No: | | Type of Structure: | |
| Aircraft Spot No: | | Structure Name: | |
| Aircraft Type: | | Structure Oper: | U |
| Aircraft Model: | | Transit Bus Flag: | |
| Aircraft Fuel Cap: | | Date Time Norm Serv: | |
| Aircraft Fuel Cap U: | | Serv Disrupt Time: | |
| Aircraft Fuel on Brd U: | | Serv Disrupt Units: | |
| Aircraft Fuel OB U: | | CR Begin Date: | |
| Aircraft Hanger: | | CR End Date: | |
| Road Mile Marker: | | CR Change Date: | |
| Power Gen Facility: | U | FBI Contact: | |
| Generating Capacity: | | FBI Contact Dt Tm: | |
| Type of Fixed Obj: | | Passenger Handling: | PASSENGERS REMAINED ON TRAIN.
DELAY WAS 43 MINUTES. |
| Type of Fuel: | | Passenger Route: | YES |
| DOT Crossing No: | 608310D | Passenger Delay: | YES |
| DOT Regulated: | U | Sub Part C Test Req: | NO |
| Pipeline Type: | | Conductor Test: | |
| Pipeline Abv Ground: | ABOVE | Engineer Test: | |
| Pipeline Covered: | U | Trainman Test: | |
| Exposed Underwater: | N | Yard Foreman Test: | |
| Railroad Hotline: | | RCL Operator Test: | |
| Railroad Milepost: | 13.5 | Brakeman Test: | |
| Grade Crossing: | Y | Train Dispat Test: | |
| Crossing Device Ty: | GATES/LIGHTS/BELLS | Signalman Test: | |
| Ty Vehicle Involved: | PASSENGER CAR | Oth Employee Test: | |
| Device Operational: | Y | Unknown Test: | |

Incident Details Information

| | | | |
|-----------------------------|--|------------------------------|---------------------------------|
| Release Secured: | U | State Agen Report No: | |
| Release Rate: | | State Agen on Scene: | METRO POLICE/ LOCAL AUTHORITIES |
| Release Rate Unit: | | State Agen Notified: | |
| Release Rate Rate: | | Fed Agency Notified: | |
| Est Duration of Rel: | | Oth Agency Notified: | |
| Desc Remedial Act: | LOCAL AUTHORITIES AND METRO POLIE
RESPONDED | Body of Water: | |
| Fire Involved: | N | Tributary of: | |
| Fire Extinguished: | U | Near River Mile Make: | |
| Any Evacuations: | N | Near River Mile Mark: | |
| No Evacuated: | | Offshore: | N |
| Who Evacuated: | | Weather Conditions: | CLEAR |
| Radius of Evac: | | Air Temperature: | |
| Any Injuries: | Y | Wind Direction: | |
| No. Injured: | 1 | Wind Speed: | |
| No. Hospitalized: | 1 | Wind Speed Unit: | |
| No. Fatalities: | | Water Supp Contam: | U |
| Any Fatalities: | N | Water Temperature: | |
| Any Damages: | N | Wave Condition: | |
| Damage Amount: | | Current Speed: | |

| | | | |
|-----------------------------|-------------------|-----------------------------|--------------------------------|
| Air Corridor Closed: | N | Current Direction: | |
| Air Corridor Desc: | | Current Speed Unit: | |
| Air Closure Time: | | EMPL Fatality: | |
| Waterway Closed: | N | Pass Fatality: | |
| Waterway Desc: | | Community Impact: | |
| Waterway Close Time: | | Passengers Transfer: | NO |
| Road Closed: | N | Passenger Injuries: | |
| Road Desc: | | Employee Injuries: | |
| Road Closure Time: | | Occupant Fatality: | |
| Road Closure Units: | | Sheen Size: | |
| Closure Direction: | | Sheen Size Units: | |
| Major Artery: | No | Sheen Size Length: | |
| Track Closed: | Y | Sheen Size Length U: | |
| Track Desc: | DBL TRACK | Sheen Size Width: | |
| Track Closure Time: | 1 | Sheen Size Width U: | |
| Track Closure Units: | | Sheen Color: | |
| Track Close Dir: | | Dir of Sheen Travel: | |
| Media Interest: | NONE | Sheen Odor Desc: | |
| Medium Desc: | RAIL REPORT (N/A) | Duration Unit: | |
| Addl Medium Info: | | Additional Info: | DRIVER OF VEHICLE WAS INJURED. |

Site: HALSTED STREET CHICAGO IL ERNS

| | | | |
|---------------------------------|---|---------------------------|--|
| NRC Report No: | 844940 | Latitude Degrees: | |
| Type of Incident: | RAILROAD NON-RELEASE | Latitude Minutes: | |
| Incident Cause: | DERAILMENT | Latitude Seconds: | |
| Incident Date: | 09-Aug-2007 06:14:00 | Longitude Degrees: | |
| Incident Location: | PROVISO RAILYARD | Longitude Minutes: | |
| Incident Dtg: | OCCURRED | Longitude Seconds: | |
| Distance from City: | | Lat Quad: | |
| Distance Units: | | Long Quad: | |
| Direction from City: | | Location Section: | |
| Location County: | COOK | Location Township: | |
| Potential Flag: | Yes | Location Range: | |
| Year: | Year 2007 Reports | | |
| Description of Incident: | CALLER IS REPORTING THAT TWO TANK CARS WERE DERAILED WHILE IN THE PROCESS OF BEING HUMPED IN THE RAIL YARD, CAUSE OF THE DERAILMENT IS UNKNOWN. BOTH TANK CARS DERAILED A SET OF WHEELS, NO MATERIALS WAS RELEASED. | | |

Calls Information

| | | | |
|----------------------------|------------------------|---------------------------|-----------|
| Date Time Received: | 09-Aug-2007 07:46:32 | Responsible City: | OMAHA |
| Date Time Complete: | 09-Aug-2007 07:54:58 | Responsible State: | NE |
| Call Type: | INC | Responsible Zip: | 68179 |
| Resp Company: | UNION PACIFIC RAILROAD | Source: | TELEPHONE |
| Resp Org Type: | PRIVATE ENTERPRISE | | |

Incident Information

| | | | |
|-----------------------------|-------|---------------------------|--------|
| Tank ID: | | Building ID: | |
| Tank Regulated: | U | Location Area ID: | |
| Tank Regulated By: | | Location Block ID: | |
| Capacity of Tank: | | OCSG No: | |
| Capacity Tank Units: | | OCSF No: | |
| Description of Tank: | | State Lease No: | |
| Actual Amount: | | Pier Dock No: | |
| Actual Amount Units: | | Berth Slip No: | |
| Tank Above Ground: | ABOVE | Brake Failure: | U |
| NPDES: | | Airbag Deployed: | U |
| NPDES Compliance: | U | Transport Contain: | U |
| Init Contin Rel No: | | Location Subdiv: | GENEVA |
| Contin Rel Permit: | | Platform Rig Name: | |
| Contin Release Type: | | Platform Letter: | |
| Aircraft ID: | | Allision: | N |
| Aircraft Runway No: | | Type of Structure: | |
| Aircraft Spot No: | | Structure Name: | |
| Aircraft Type: | | Structure Oper: | U |

Aircraft Model:
Aircraft Fuel Cap:
Aircraft Fuel Cap U:
Aircraft Fuel on Brd:
Aircraft Fuel OB U:
Aircraft Hanger:
Road Mile Marker:
Power Gen Facility: U
Generating Capacity:
Type of Fixed Obj:
Type of Fuel:
DOT Crossing No:
DOT Regulated: U
Pipeline Type:
Pipeline Abv Ground: ABOVE
Pipeline Covered: U
Exposed Underwater: N
Railroad Hotline:
Railroad Milepost: 0.58
Grade Crossing: N
Crossing Device Ty:
Ty Vehicle Involved:
Device Operational: Y

Transit Bus Flag:
Date Time Norm Serv:
Serv Disrupt Time:
Serv Disrupt Units:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: NO
Passenger Delay: NO
Sub Part C Test Req: NO
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: HULCHER SERVICES IS RESPONDING TO RERAIL THE SET OF WHEELS.
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: N
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: N
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest: NONE
Medium Desc: RAIL REPORT (N/A)
Addl Medium Info:

State Agen Report No: RR-2007-0049
State Agen on Scene:
State Agen Notified: IL DEM
Fed Agency Notified: NONE
Oth Agency Notified:
Body of Water:
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions: PARTLY CLOUDY
Air Temperature: 72
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact:
Passengers Transfer: NO
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:
Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info: CALLER HAD NO ADDITIONAL INFORMATION.

Site:

ERNS

HALSTED STREET CHICAGO IL

NRC Report No: 780322
Type of Incident: RAILROAD
Incident Cause: UNKNOWN
Incident Date: 22-Nov-2005 13:26:00
Incident Location: PROVISO RAILYARD
Incident Dtg: OCCURRED
Distance from City:
Distance Units:
Direction from City:
Location County: COOK
Potential Flag:
Year: Year 2005 Reports
Description of Incident: CALLER STATED THERE WAS A RELEASE OF MATERIALS FROM A LOCOMOTIVE DUE TO A HOLE IN THE DIESEL FUEL TANK. UNKNOWN WHAT CAUSED THE HOLE.

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

Chris Code: ODS
CAS No: 000000-00-0
UN No:
Name of Material: OIL: DIESEL
Amount of Material: 1100

Unit of Measure: GALLON(S)
If Reached Water: NO
Amount in Water:
Unit Reach Water:

Calls Information

Date Time Received: 22-Nov-2005 14:58:47
Date Time Complete: 22-Nov-2005 15:03:52
Call Type: INC
Resp Company: UNION PACIFIC RAILROAD
Resp Org Type: PRIVATE ENTERPRISE

Responsible City: OMAHA
Responsible State: NE
Responsible Zip: 68179
Source: TELEPHONE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Description of Tank:
Actual Amount:
Actual Amount Units:
Tank Above Ground: ABOVE
NPDES:
NPDES Compliance: U
Init Contin Rel No:
Contin Rel Permit:
Contin Release Type:
Aircraft ID:
Aircraft Runway No:
Aircraft Spot No:
Aircraft Type:
Aircraft Model:
Aircraft Fuel Cap:
Aircraft Fuel Cap U:
Aircraft Fuel on Brd:
Aircraft Fuel OB U:
Aircraft Hanger:
Road Mile Marker:
Power Gen Facility: U
Generating Capacity:
Type of Fixed Obj:
Type of Fuel:
DOT Crossing No:
DOT Regulated: U
Pipeline Type:
Pipeline Abv Ground: ABOVE
Pipeline Covered: U

Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSF No:
State Lease No:
Pier Dock No:
Berth Slip No:
Brake Failure: N
Airbag Deployed:
Transport Contain: U
Location Subdiv: GENEVA
Platform Rig Name:
Platform Letter:
Allision: N
Type of Structure:
Structure Name:
Structure Oper: U
Transit Bus Flag:
Date Time Norm Serv:
Serv Disrupt Time:
Serv Disrupt Units:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: UNK
Conductor Test:
Engineer Test:
Trainman Test:

Exposed Underwater: N
Railroad Hotline:
Railroad Milepost: 0.58
Grade Crossing: N
Crossing Device Ty:
Ty Vehicle Involved:
Device Operational: Y

Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: Y
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: CONTRACTOR HAS BEEN HIRED
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evac:
Any Injuries: N
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: N
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest: NONE
Medium Desc: BALLAST
Addl Medium Info:

State Agen Report No: H20051576
State Agen on Scene:
State Agen Notified: IL OEM, METRO WATER
Fed Agency Notified: NONE
Oth Agency Notified:
Body of Water:
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions:
Air Temperature:
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Passengers Transfer: UNK
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:
Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:
Additional Info: NONE

Site:
115TH ST CHICAGO IL

HMIRS

Incident County: COOK

HMIR Incident Reports

Report No: I-1996020996
Report Type: A hazardous material incident
Date of Incident: 1996-02-07
Time of Incident: 0815
Haz Class Code:
Hazardous Class: 8
Commodity Short Nm: SULFUR TRIOXIDE, UNINHIB
Commodity Long Nm: SULFUR TRIOXIDE, UNINHIBITED
Trade Name: SO3
ID No: NA1829
Haz Waste Ind: No

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Unloading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No

Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0.0625
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code:
Failure Cause Desc:
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4712.5
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: STAINLESS STEEL TANK AND EQUIP
Cont1 Pkg Mnfct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: STE6618
C1 Pkg Last Test Dt: 1995-04-01 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: Yes
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0

Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: ROGERS CARTAGE CO
CR Street Name: 4428 W MIDLOTHIAN TURNPIKE
CR City: CRESTWOOD
CR State: IL
CR Postal Code: 60445
CR Non US State:
CR Fed DOT ID: 104249
CR Hazmat Reg ID:
CR Country: US
Shipper Name: RHONE PULENC INC
Shipper Street Name:
Shipper City: HAMMOND
Shipper State: IN
Shipper Postal:
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 0351310000
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: CHICAGO
Destination State: ILLINOIS
Destination Postal:
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: JAMES E BUCKO
Contact Title: SAFETY DIRECTOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:

Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fataals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC312
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

AFTER THE CONSIGNEE'S UNLOADING SUPERVISOR MADE HOSE HOOK-UP ON DISCHARGE AND VAPOR LINES, HE INSTRUCTED DRIVER TO START PUMP. SMALL SPRAY DISCHARGED FROM LIQUID LINE BY FITTING. DRIVER SHUT OFF PUMP AND UNLOADER NEUTRALIZED SPRAY. IT WAS DETERMINED THAT THE WECO FITTING BETWEEN HOSE AND TRAILER DISCHARGE LINE WAS NOT TIGHT ENOUGH. ALSO, SOMEONE CLOSED VALVE TO CONSIGNEE'S SCRUBBER WHICH CAUSED BACK PRESSURE ON LINE.

Recommend Actions Taken:

Site: 115TH ST CHICAGO IL

HMIRS

Incident County: COOK

HMIR Incident Reports

Report No: I-1998080743
Report Type: A hazardous material incident
Date of Incident: 1998-07-24
Time of Incident: 0230
Haz Class Code:
Hazardous Class: 8
Commodity Short Nm: SULFUR TRIOXIDE, UNINHIB
Commodity Long Nm: SULFUR TRIOXIDE, UNINHIBITED
Trade Name: SO 3
ID No: NA1829
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0
Unit of Measure:
What Failed: 102; 141
What Failed Desc: Auxiliary Valve; Piping or Fittings
How Failed Code: ;
How Failed Desc: ;
Failure Cause Code: 526;
Failure Cause Desc: Loose Closure, Component, or Device;
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4630
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfrctr: STAINLESS TANK AND EQUIPMENT
Cont1 Pkg Mnfrct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: STE5991
C1 Pkg Last Test Dt: 1998-06-01 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Unloading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: ROGERS CARTAGE CO
CR Street Name: 4428 W MIDLOTHIAN TURNPIKE
CR City: CRESTWOOD
CR State: IL
CR Postal Code: 60445
CR Non US State:
CR Fed DOT ID: 104249
CR Hazmat Reg ID:
CR Country: US
Shipper Name: PVS CHEM
Shipper Street Name:
Shipper City: CHICAGO
Shipper State: IL
Shipper Postal:
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 951452
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: CHICAGO
Destination State: ILLINOIS

C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfrctr:
C1 Device Model:
NRC No:

Destination Postal:
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: No
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: Yes
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respntrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatales: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: JAMES E BUCKO
Contact Title: SAFETY DIRECTOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC312
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

AFTER DRIVER SPOTTED TRAILER AND SAFETY CHECK OFF WAS COMPLETED, UNLOADER HOOKED UP HIS DISCHARGE AND VAPOR LINES AND DRIVER STARTED TO PUMP. PRODUCT WAS UNLOADING FOR APPROXIMATELY 10 MINUTES AND VAPOR CAME FROM FITTING. DRIVER SHUT OFF PUMP. UNLOADER PURGED LINES BACK INTO CARGO TANK, CHECK FITTINGS AND SAW NO VAPOR. DISCONNECTED HOSE AND RETURNED TRAILER TO SHIPPER FOR REPAIRS. INSPECTION REVEALED GASKET WAS BAD AND FITTING COULD HAVE BEEN LOOSE.

Recommend Actions Taken:

Site:
 115TH STREET CHICAGO IL

HMIRS

Incident County: COOK

HMIR Incident Reports

Report No: I-1997080810
Report Type: A hazardous material incident
Date of Incident: 1997-08-04
Time of Incident: 0830
Haz Class Code:
Hazardous Class: 8
Commodity Short Nm: SULFUR TRIOXIDE, UNINHIB
Commodity Long Nm: SULFUR TRIOXIDE, UNINHIBITED
Trade Name: SO3
ID No: NA1829
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 400
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code:
Failure Cause Desc:
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4677.5
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: STAINLESS TANK AND EQUIPMENT
Cont1 Pkg MnfcDt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: STE 6619
C1 Pkg Last Test Dt: 1997-03-01 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No: 397977

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Unloading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: ROGERS CARTAGE CO
CR Street Name: 4428 E MIDLOTHIAN TURNPIKE
CR City: CRESTWOOD
CR State: IL
CR Postal Code: 60445
CR Non US State:
CR Fed DOT ID: 104249
CR Hazmat Reg ID:
CR Country: US
Shipper Name: RHONE PULENC INC
Shipper Street Name: 2000 MICHIGAN ST
Shipper City: HAMMOND
Shipper State: IN
Shipper Postal:
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 0636612
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: CHICAGO
Destination State: ILLINOIS
Destination Postal:
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: Yes
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 2500
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:

Water Sewer Result: No
Gas Dispersion: Yes
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: Yes
Material Loss: 1700
Carrier Damage: 5000
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 6700
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: JAMES E BUCKO
Contact Title: SAFETY DIRECTOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: Yes
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: Yes
HMIS Major Artery: No
HMIS Bulk Release: Yes
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC312
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

AFTER CONNECTION WAS MADE BY THE UNLOADER, HE OPEND VAPOR AND DISCHARGE VALVES ON CARGO TANK. HE THEN PROCEEDED TO OPEN VALVE ON THEIR UNLOADING LINE AND HOSE. CONSIGNEE'S HOSE RUPTURED AND VAPOR WAS RELEASED. THE PUMP ON THE CARO TANK WAS NEVER ACTIVATED. SHIPPER'S EMERGENCY RESPONSE TEAM ALONG WITH THE CITY OF CHICAGO RESPONDED TO THE INCIDENT. US AND ILL. EPA WAS ON SITE. CLEAN UP AND DECONTAMINATION WAS PERFORMED BY THE SHIPPER'S CLEANUP CONTRACTOR. THE NATIONAL RESPONSE CENTER WAS NOTIFIED (INCIDENT #397977).

Recommend Actions Taken:

Site: 115TH STREET CHICAGO IL HMIRS

Incident County: COOK

HMIR Incident Reports

Report No: I-1998040309
Report Type: A hazardous material incident
Date of Incident: 1998-03-27
Time of Incident: 1300
Haz Class Code:
Hazardous Class: 8
Commodity Short Nm: SULFUR TRIOXIDE, UNINHIB
Commodity Long Nm: SULFUR TRIOXIDE, UNINHIBITED
Trade Name: S03
ID No: NA1829
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0
Unit of Measure:
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: In Transit
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: ROGERS CARTAGE CO
CR Street Name: 4428 W MIDLOTHIAN TURNPIKE
CR City: CRESTWOOD
CR State: IL
CR Postal Code: 60445
CR Non US State:
CR Fed DOT ID: 104249

Failure Cause Code:
Failure Cause Desc:
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 4842.5
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfctr: STAINLESS TANK AND EQUIPMENT
Cont1 Pkg Mnftc Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: STE 5991
C1 Pkg Last Test Dt: 1997-06-01 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: No
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: Yes
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No

CR Hazmat Reg ID:
CR Country: US
Shipper Name: PVS CHEM
Shipper Street Name: 12280 CARONDOLET AVENUE
Shipper City: CHICAGO
Shipper State: IL
Shipper Postal: 60043
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 945624
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: CHICAGO
Destination State: ILLINOIS
Destination Postal:
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: JAMES E BUCKO
Contact Title: SAFETY DIRECTOR
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No

Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC312
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

DRIVER ARRIVED AT CONSIGNEE AND WEIGH IN. SECURITY GUARD SAID HE WOULD HAVE TO WAIT FOR 1 HOUR TO GET UNLOADED AND TO PARK IN THE HOLDING AREA. HE PARKED UNIT AND NOTICED A SLIGHT RELEASE OF VAPOR AT TOP REAR OF CARGO TANK BOX. HE DROPPED HIS PERSONAL PROTECTIVE EQUIPMENT(RUBBER SUIT, HARD HAT, GOGGLES, RESPIRATOR AND FACE SHIELD) AND WENT ON TOP TO CHECK. HE DISCOVERED VAPOR HAD BEEN RELEASED FROM VAPOR LINE. HE TIGHTENED CAP, WHICH SLOWED VAPOR. HE NOTIFIED SAFETY AND SHIPPER. HE SHUT OFF HEAT TO VALVES AND VAPOR AND FOUND THAT GASKET WAS MISSING ON VAPOR LINE CAP.

Recommend Actions Taken:

Site: EMERALD AVENUE CHICAGO IL

HMIRS

Incident County: COOK

HMIR Incident Reports

Report No: I-1994091352
Report Type: A hazardous material incident
Date of Incident: 1994-09-19
Time of Incident: 1000
Haz Class Code:
Hazardous Class: 6.1
Commodity Short Nm: TOLUENE DIISOCYANATE
Commodity Long Nm: TOLUENE DIISOCYANATE
Trade Name: TOLUENE DIISOCYANATE
ID No: UN2078
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 1
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code: 303
How Failed Desc: Burst or Ruptured
Failure Cause Code:
Failure Cause Desc:
Ident. Markings:
Cont1 Pkging Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 5000
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 1
C1 Pkg NO Failed: 1
Cont1 Pkg Mnfr: POLAR TANK TRAILER INC
Cont1 Pkg Mnfr Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO: 1PMS34327K
C1 Pkg Last Test Dt: 1994-08-01 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Paper
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Unloading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Cargo Tank Motor Vehicle (CTMV)
Packing Group:
Carrier Reporter: LIQUID TRANSPORTERS INC
CR Street Name: 1292 FERN VALLEY ROAD
CR City: LOUISVILLE
CR State: KY
CR Postal Code: 40219
CR Non US State:
CR Fed DOT ID: 1178967
CR Hazmat Reg ID:
CR Country: US
Shipper Name: OLIN CORP
Shipper Street Name: HIGHWAY 933, P O BOX 547
Shipper City: DOE RUN
Shipper State: KY
Shipper Postal: 40108
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 272472
Ship Hazmat Reg ID:
Origin City: STAMFORD
Origin State: CT
Origin Postal: 06904
Origin Non US St:
Origin Country: US
Destination City: CHICAGO
Destination State: ILLINOIS
Destination Postal: 60609
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0

C1 Device Type:
C1 Device Mnfr:
C1 Device Model:
NRC No:

Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatales: 0
Hazmat Injury: Yes
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 1
Haz Non Hosp Resp: 0
Description of Events:

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 1
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage:
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: MARLA M STRACHAN
Contact Title: SAFETY & COMPLIANCE COORD
Contact Business:
Contact Street:
Contact City:
Contact State:
Contact Postal:
Contact Non US St:
Contact Country: US
Inc. Report Prepared:
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: TANK
HMIS Container Code: MC307
HMIS Container Desc: Cargo tanks
HMIS Bulk Incident: Yes
Undeclared Shipment: No

PRODUCT IN THE PROCESS OF BEING UNLOADED, AFTER COMPLETELY UNLOADED, DRIVER DISCONNECTED HOSE AND PRESSURE AND PRODUCT STILL REMAINED IN HOSE CAUSING RELEASE. PRODUCT SPLASHED ONTO DRIVER - DRIVER TREATED AT LOCAL FACILITY AND RELEASED. EYE WAS FLUSHED - NO OTHER TREATMENT NECESSARY. PRODUCT CLEANED UP AND CONTAINED.

Recommend Actions Taken:

Site: UNION PACIFIC RAIL ROAD
HALSTED STREET YARD CHICAGO IL

SPILLS

Incident No: H 2005 1376 **County:** COOK
Date/Time Occurred: **Latitude:**
Media Release: **Longitude:**
Facility Manager:
Fac Manager Phone:
Responsible Party Street: 1400 DOUGLAS STREET, OMAHA .NE. 68179
Area Involved: OTHER RAIL YARD
Milepost: RR
Section:

Township:
Range:

Hazardous Materials Incident Report

Incident Report Dt: 10/3/2005 12:00:00 AM
Data Input Status: CLOSED
LUST?:
Hazmat Incident Type: LEAK OR SPILL
County: COOK
Caller:
Caller Represents:
Street Address: HALSTED STREET YARD
City: CHICAGO
URL: https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H 2005 1376
Date Entered:
Narrative:

FAXED AT 08:18 TO IEPA/OSFM/NRTP/CHICAGO FIRE/REGION4/ICC **Note: Many records provided by the department have a truncated [Narrative] field.

Follow Up Information:

Weather Information

Temp:
Wind: SW 6

Materials Involved

Name: DIESEL FUEL
Type: LIQUID
CHRIS CODE:
CAS No: UNK
UN/NA No: UNK
Container Type: OTHER LOCOMOTIVE
Container Size: UNKNOWN
Amount Released: 25 GALS.
Rate of Release Min:
Duration of Release:
Cause of Release: 1400 DOUGLAS STREET, OMAHA .NE. 68179
Est Spill Extent: UNKNOWN
Spill Extent Units:
Date/Time Inc Occur:
Unknown Occur:
Date/Time Discov: 10/03/2005 @ 08:00 CDT
Unknown Discovered:
Where Taken:
On Scene Contact: N/A
No of People Evacuat: NONE
A 302(a) Extremely Haz Sub?: NO
A RCRA Hazardous Waste?:
A RCRA Regulated Facility?: NO
Public Health Risks: NONE
State Agency Assistance: NONE
Containment/Cleanup Plans: RESPONSIBLE PARTY WILL DO CLEAN UP

Site: CANADIAN PACIFIC RR
GREEN ST. BENSENVILLE RR YD. IL

SPILLS

Incident No: H 2003 0461
Date/Time Occurred: 04/02/2003 @ 02:35
Media Release:
County: COOK
Facility Manager:
Fac Manager Phone:
Responsible Party Street: 501 E. MARQUETTE, MINNEAPOLIS, MIN.. 55450
Area Involved: FIXED FACILITY
Milepost:
Section:
Latitude:
Longitude:

Township:
Range:

Hazardous Materials Incident Report

Incident Report Dt: 4/2/2003 12:00:00 AM
Data Input Status: CLOSED
LUST?:
Hazmat Incident Type: LEAK OR SPILL
Caller:
Caller Represents:
Street Address: GREEN ST.
City: BENSENVILLE RR YD.
URL: https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H 2003 0461
Narrative:

County: COOK
Entered by:
Date Entered:

ADV. IEPA D.O. / CHAPPEL, ICC, FAX TO ICC, IEPA, NRTP, REG. 4 **Note: Many records provided by the department have a truncated [Narrative] field.

Follow Up Information:

Materials Involved

Name: DIESEL FUEL
Type: LIQUID
CHRIS CODE:
CAS No:
UN/NA No:
Container Type: LOCOMOTIVE
Container Size: 3,000 GALS.
Amount Released: 20-25 GALS.
Rate of Release Min:
Duration of Release:
Cause of Release: 501 E. MARQUETTE, MINNEAPOLIS, MIN.. 55450
Est Spill Extent: 10 X 10
Spill Extent Units: SQUARE FEET
Date/Time Inc Occur: 04/02/2003 @ 02:35
Unknown Occurr:
Date/Time Discov: 04/02/2003 @ 02:35
Unknown Discovered:
Where Taken:
On Scene Contact:
No of People Evacuat: NONE
A 302(a) Extremely Haz Sub?: UNKNOWN
A RCRA Hazardous Waste?:
A RCRA Regulated Facility?:
Public Health Risks: NONE
State Agency Assistance: NONE
Containment/Cleanup Plans: NORTHBRANCH ENVIRONMENTAL

Emergency Units Contacted

Contacted ESDA?:
ESDA on Scene?:
Spec ESDA Agency:
Contacted Fire Dep?:
Fire Dep on Scene?:
Name of Fire Dep:
Police Dep Contact?:
Police Dep on Scene:
Name of Police Dep:
Sheriff Police Dep?:
Sheriff Dep on Scene:
Name of Sheriff Dep:
Other Agency?: YES
Agency on Scene?:
Name of Agency:

Site: Norfolk Southern
Union Avenue ---Not provided in the report--- IL

SPILLS

Incident No: H-2009-0221 **County:** Cook
Date/Time Occurred: **Latitude:**
Media Release: **Longitude:**
Facility Manager:
Fac Manager Phone:
Responsible Party Street: 1200 Peachtree St, Atlanta, GA 30309
Area Involved: Rail
Milepost: CD 520-CD 521 of the Dearborn Subdivision
Section:
Township:
Range:

Hazardous Materials Incident Report

Incident Report Dt: 3/4/2009 4:59:00 PM **County:** Cook
Data Input Status: Closed **Entered by:** Kattner, Paul/Comm Center/IEMA
LUST?: **Date Entered:**
Hazmat Incident Type: Leak or Spill
Caller: Fax/NRC
Caller Represents: National Response Center
Street Address: Union Avenue
City: ---Not provided in the report---
URL: https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2009-0221
Narrative:

see NRC report # 899057. See report # RC 2009 0018 3/4/09 1648 (KK) voice mail left on cell for Saladino/ICC. 3/4/09 1653 (KK) Ryan/IDOT station 1 advised. 3/4/09 1655 (KK) Saladino/ICC returned message and was advised. 03/04/2009 17:18 (PBK) Advised IEPA Roger Lauder **Note: Many records provided by the department have a truncated [Narrative] field.

Follow Up Information:

Weather Information

Temp: Not provided
Wind:

Materials Involved

Name: Coal
Type: Solid
CHRIS CODE: Unk
CAS No: Unknown
UN/NA No: Unknown
Container Type: Railcar
Container Size: Unknown
Amount Released: 120 Tons
Rate of Release Min:
Duration of Release:
Cause of Release: 6 Car derailment---No other haz-mat involvment
Est Spill Extent: ---Not provided by NRC Fax---
Spill Extent Units:
Date/Time Inc Occur:
Unknown Occurr:
Date/Time Discov: 3/4/2009 16:05
Unknown Discovered:
Where Taken: N/A
On Scene Contact: Sue Price
No of People Evacuat:
A 302(a) Extremely Haz Sub?: Unknown
A RCRA Hazardous Waste?: Unknown
A RCRA Regulated Facility?: Unknown
Public Health Risks: Amtrak service is being delayed
State Agency Assistance: None noted
Containment/Cleanup Plans: No action taken yet.

Agency or Persons Notified

Agency:
Date/Time: Jan 27 2010 5:15PM
Name of Person: Sue Price
Notification Action: Contacted

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

National Priority List - Proposed:

PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

Deleted NPL:

DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

SEMS List 8R Active Site Inventory:

SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jul 26, 2023

SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jul 26, 2023

Inventory of Open Dumps, June 1985:

[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands:

[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Comprehensive Environmental Response, Compensation and Liability Information System -

[CERCLIS](#)

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned:

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

[RCRA CORRACTS](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jul 10, 2023

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jul 10, 2023

RCRA Generator List:

[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jul 10, 2023

RCRA Small Quantity Generators List:

[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jul 10, 2023

RCRA Very Small Quantity Generators List:

[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jul 10, 2023

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jul 10, 2023

RCRA Sites with Controls:

[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jul 10, 2023

Federal Engineering Controls-ECs:

[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Aug 23, 2023

Federal Institutional Controls- ICs:

[FED INST](#)

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Aug 23, 2023

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: May 25, 2023

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Apr 3, 2023

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: May 2, 2023

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: May 2, 2023

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Sep 20, 2023

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property:

[SEMS LIEN](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jul 26, 2023

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: May 25, 2023

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

State Response Action Program Database:

[SSU](#)

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit. The State Response Action Program database made available by Illinois Environmental Protection Agency. This database is state equivalent CERCLIS.

Government Publication Date: Aug 3, 2023

Delisted State Response Action Program:

[DELISTED SSU](#)

List of sites removed from the State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Government Publication Date: Aug 3, 2023

Solid Waste Landfills Subject to State Surcharge Database:

[SWF/LF](#)

The Bureau of Land maintains a list of solid waste facilities and landfills throughout the state. This list made available by Illinois Environmental Protection Agency's Bureau of land.

Government Publication Date: Jul 13, 2022

Special Waste Site List:

SWF/LF SPECIAL

The following landfills are those that as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois Environmental Protection Agency Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste. Non-Regional Pollutant Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollutant Control Facility by RPCF, or Non-regional Pollutant Control Facility by Non-RPCF.

Government Publication Date: Jan 1, 1990

Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in

NIPC

Northeastern Illinois:

Historical inventory of solid waste disposal sites in northeastern Illinois prepared by the Northeastern Illinois Planning Commission (NIPC).

Government Publication Date: Dec 1987

Clean Construction or Demolition Debris:

CCDD

This is a list of CCDD Fill Operations with Approved Permits. Beginning July 1, 2008, no person can use CCDD as fill material in a current or former quarry, mine, or other excavation unless they have obtained a permit from the Illinois EPA.

Government Publication Date: Apr 19, 2022

Leaking Underground Storage Tanks (LUST):

LUST

The Leaking Underground Storage Tank Incident Tracking (LIT) database identifies the status of all Illinois LUST incidents reported to the Illinois Emergency Management Agency (IEMA) and to the Illinois Environmental Protection Agency.

Government Publication Date: Aug 3, 2023

Leaking UST Document:

LUST DOCUMENT

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Leaking Underground Storage Tank (LUST) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Apr 19, 2023

Delisted Leaking Underground Storage Tank Sites:

DELISTED LUST

List of sites removed from the Leaking Underground Storage Tank Incident Tracking (LIT) database made available by the Illinois Environmental Protection Agency.

Government Publication Date: Aug 3, 2023

Underground Storage Tank Fund Payment Priority List:

LUST TRUST

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner. The Underground Storage Tank Fund Priority list made available by Illinois Environmental Protection Agency.

Government Publication Date: Nov 01, 2016

Underground Storage Tank Database (UST):

UST

This database maintained by Division of Petroleum & Chemical Safety, contains information derived from tank registration information supplied to the Office of the Illinois State Fire Marshal (OSFM) from outside sources.

Government Publication Date: Aug 3, 2023

Aboveground Storage Tanks (AST):

AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Jun 30, 2023

Delisted Storage Tanks:

DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the Illinois Department of Environmental Quality.

Government Publication Date: Aug 3, 2023

Sites with Engineering Controls:

ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with engineering controls in place.

Government Publication Date: Sep 29, 2023

Institutional Controls:

INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with institutional controls in place.

Government Publication Date: Sep 29, 2023

Environmental Covenants Registry:

AUL

According to the Illinois Environmental Protection Agency (Illinois EPA), the Illinois Uniform Environmental Covenants Act (UECA) (765 Illinois Compiled Statutes (ILCS) 122 et seq.) creates an environmental covenant that is a specific recordable interest in real estate. It arises from an environmental response project that imposes activity and use limitations on a property. No environmental covenant is effective without the approval of the Illinois EPA, through the Director's signature. The UECA instrument recites the property use controls and remediation requirements imposed upon the property. Section 12(a) of the Illinois UECA requires the Illinois EPA to establish and maintain a registry that contains all environmental covenants and any amendment or termination of those covenants.

Government Publication Date: Aug 7, 2020

Illinois Site Remediation Program Database:

SRP

The Site Remediation Program (SRP) database identifies the status of all voluntary remediation projects administered through the Pre-Notice Site Cleanup Program (1989 to 1995) and the Site Remediation Program (1996 to the present). This Site Remediation program database made available by Illinois Environmental Protection Agency.

Government Publication Date: Sep 29, 2023

Document Explorer Remediation and Assessment Sites:

REM ASSESS

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more documents available are associated with the Federal Facilities Unit, National Priorities List Unit, Site Assessment Unit, or Voluntary Site Remediation Unit. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Apr 19, 2023

Brownfields Redevelopment Assessment Database:

BROWNFIELDS

The Office of Site Evaluations Redevelopment Assessment database identifies the status of properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a Municipal Brownfields Redevelopment Grant (MBRG) project.

Government Publication Date: Mar 24, 2022

Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA:

BROWN MBRGP

The Office of Brownfields Assistance (OBA) database identifies the status of all Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA. Office of Brownfields Assistance Database search made available by Illinois Environmental Protection Agency's Bureau of Land Data-Center.

Government Publication Date: Mar 31, 2013

Tribal

Leaking Underground Storage Tanks on Indian Lands:

INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 5, which includes Illinois, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Illinois, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 16, 2017

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 5, which includes Illinois, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Illinois, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 16, 2017

Delisted Tribal Leaking Storage Tanks:

DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

Delisted Tribal Underground Storage Tanks:

[DELISTED INDIAN UST](#)

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

County

Chicago Storage Tanks:

[TANKS CHICAGO](#)

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the City of Chicago Department of Public Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic City of Chicago Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Government Publication Date: Aug 23, 2023

Chicago Environmental Permits:

[PERMITS CHICAGO](#)

Permits issued by the City of Chicago Department of Environment (DOE) from January 1993 to December 31, 2011 and by the City of Chicago Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Government Publication Date: Jun 15, 2023

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

[FINDS/FRS](#)

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 2, 2023

Toxics Release Inventory (TRI) Program:

[TRIS](#)

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Oct 19, 2022

PFOA/PFOS Contaminated Sites:

[PFAS NPL](#)

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Sep 14, 2023

Federal Agency Locations with Known or Suspected PFAS Detections:

[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to April 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Apr 24, 2023

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

Government Publication Date: Oct 9, 2022

National Response Center PFAS Spills:

[ERNS PFAS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Jun 17, 2023

PFAS NPDES Discharge Monitoring:

[PFAS NPDES](#)

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: May 1, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:

[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Oct 19, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities:

[PFAS TSCA](#)

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest :

[PFAS E-MANIFEST](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Apr 9, 2023

PFAS Industry Sectors:

[PFAS IND](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Apr 16, 2023

Hazardous Materials Information Reporting System:

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Jul 26, 2023

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

[PRP](#)

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Aug 23, 2023

State Coalition for Remediation of Drycleaners Listing:

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRCD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

[ICIS](#)

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Jan 21, 2023

Drycleaner Facilities:

[FED DRYCLEANERS](#)

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Apr 15, 2023

Delisted Drycleaner Facilities:

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Apr 15, 2023

Formerly Used Defense Sites:

[FUDS](#)

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

FUDS Munitions Response Sites:

[FUDS MRS](#)

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites:

[FORMER NIKE](#)

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

[PIPELINE INCIDENT](#)

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Dec 30, 2022

Material Licensing Tracking System (MLTS):

[MLTS](#)

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

[HIST MLTS](#)

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

[MINES](#)

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: May 1, 2023

Surface Mining Control and Reclamation Act Sites:

[SMCRA](#)

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Jun 13, 2023

Mineral Resource Data System:

[MRDS](#)

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: May 25, 2023

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 30, 2023

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Apr 19, 2023

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Mar 20, 2023

State

Spills and Incidents:

[SPILLS](#)

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Jul 13, 2023

Emergency Response Releases & Spills Database:

[SPILL OER](#)

The Office of Emergency Response (OER) maintains the Emergency Response Releases & Spills Database.

The Emergency Operations Unit, within OER, coordinates Illinois EPA's response to environmental emergencies involving oil or hazardous materials and ensures that any environmental contamination is cleaned up. EOU works with other response agencies including the Illinois Emergency Management Agency (IEMA), which is the initial contact for responses to an emergency or disaster in Illinois.

Government Publication Date: Jul 13, 2023

Per- and Polyfluoroalkyl Substances (PFAS):

[PFAS](#)

A list of reports taken by the Illinois Emergency Management Agency (IEMA) of incidents involving hazardous materials, where the hazardous material involved in the incident is in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Jul 13, 2023

Dry Cleaning Facilities:

[DRYCLEANERS](#)

This list of licensed drycleaner facilities is provided by the Drycleaner Environmental Response Trust Fund of Illinois; and since July 1, 2020, is administrated by Illinois Environmental Protection Agency (IEPA).

Government Publication Date: Aug 29, 2023

Delisted Drycleaners:

[DELISTED DRYCLEANERS](#)

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 29, 2023

IEPA Document Explorer:

[IEPA DOCS](#)

A list of permits and documents found in the Illinois Environmental Protection Agency (IEPA) Document Explorer. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are available in a digital format. This list includes records not otherwise categorized as LUST, Remediation, Air Permits, NPDES, or Compliance Commitment Agreements.

Government Publication Date: Apr 19, 2023

Clandestine Drug Labs:

[CDL](#)

List of clandestine drug lab locations made available by the Illinois Department of Public Health. The Department maintains a list of properties from reports it receives from the Illinois State Police through the Illinois Emergency Management Agency.

Government Publication Date: Jan 4, 2023

Tier 2 Report:

[TIER 2](#)

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).

Government Publication Date: Nov 11, 2022

Air Permits:

[AIR PERMITS](#)

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Air Permits (construction and operating) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Apr 19, 2023

Underground Injection Control Wells:

[UIC](#)

The Underground Injection Control (UIC) Program is a federal program established under the provision of the Safe Drinking Water Act of 1974. Since groundwater is a major source of drinking water in the United States, the UIC Program requirements were designed to prevent contamination of groundwater resulting from the operation of injection wells. The Underground Injection Well Inventory is provided by the Illinois Environmental Protection Agency. This inventory includes Class V Injections Wells which are utilized to inject non-hazardous waste into or above the Underground Source of Drinking Water.

Government Publication Date: Aug 1, 2019

Potentially Infectious Medical Waste Facilities:

MEDICAL WASTE

Title 35 of the Illinois Administrative Code defines Potentially Infectious Medical Waste (PIMW) as waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals. The Illinois Environmental Protection Agency's Bureau of Land is responsible for administering the PIMW program. The facilities included on this listing treat, store, transfer or dispose of PIMW.

Government Publication Date: Jun 6, 2023

Compost Facilities:

COMPOST

The Illinois Environmental Protection Agency's Bureau of Land, Division of Land Pollution Control maintains this list of composting facilities. Composting facilities provide an alternative option to managing and disposing of non-hazardous solid waste and/or landscape waste instead of the waste being landfilled.

Government Publication Date: Sep 2, 2016

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix F

City Directories



CITY
DIRECTORY

Project Property: *2023.3080-Commercial/Industrial Property 11414 S. Halsted
Chicago IL 60628
11414 S Halsted St
Chicago,IL 60628*

Project No: *2023.3080-Commercial/Industrial Property 11414 S.*

Requested By: *A3 Environmental, LLC*

Order No: *23101300130*

Date Completed: *October 18, 2023*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

October 18, 2023
RE: CITY DIRECTORY RESEARCH
11414 S Halsted St
Chicago, IL 60628

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

11325-11530 of S Halsted St
715-925 of W 115th St

Search Notes:

S Halsted St is also known as 11325-11530 Hwy 1 in Chicago.

Search Results Summary

| Date | Source | Comment |
|---------|--|---------|
| 2022 | DIGITAL BUSINESS DIRECTORY | |
| 2020 | DIGITAL BUSINESS DIRECTORY | |
| 2016 | DIGITAL BUSINESS DIRECTORY | |
| 2011 | DIGITAL BUSINESS DIRECTORY | |
| 2008 | DIGITAL BUSINESS DIRECTORY | |
| 2003 | DIGITAL BUSINESS DIRECTORY | |
| 2000 | DIGITAL BUSINESS DIRECTORY | |
| 1996 | HAINES | |
| 1991 | HAINES | |
| 1986 | HAINES | |
| 1981 | HAINES | |
| 1978 | HAINES | |
| 1973 | HAINES | |
| 1971 | HAINES | |
| 1965 | REUBEN H DONNELLEY CO | |
| 1960 | REUBEN H DONNELLEY CO | |
| 1955 | REUBEN H DONNELLEY CO | |
| 1952 | CHICAGO CROSS REFERENCE
ASSOCIATION INC | |
| 1947 | CHICAGO CITY DIRECTORY INC | |
| 1928-29 | POLKS | |

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

11325 SHELDON HEIGHTS CHR OF CHRIST...CHURCHES
 11328 TAYLOR PUMPS INC...AUTOMOBILE LUBRICATION SERVICE
 11350 POPEYES LOUISIANA KITCHEN...RESTAURANTS
 11357 BRITTLAN THREE...RESTAURANTS
 11421 MC DONALD'S...RESTAURANTS
 11435 ADKINS III, RAY...INSURANCE
 11443 IMANI CHILDREN'S ACADEMY...CHILD CARE SERVICE
 11444 BEAUTIFUL NAILS...MANICURING
 11444 BEAUTIFUL NAILS...BEAUTY SALONS
 11444 VANESSA'S MUSIC...MUSIC DEALERS
 11449 CHECKERS DRIVE IN RESTAURANT...FOODS-CARRY OUT
 11449 CHECKERS DRIVE IN RESTAURANT...RESTAURANTS
 11500 BP...SERVICE STATIONS-GASOLINE & OIL
 11501 MOBIL...SERVICE STATIONS-GASOLINE & OIL
 11525 BASKIN-ROBBINS...ICE CREAM PARLORS
 11525 DUNKIN'...DOUGHNUTS
 11528 STARKS BOYD...ATTORNEYS

735 EDWARD EGGLESTON...RESIDENTIAL
 741 BAILEY CONSTRUCTION GROUP...BOILERS SUPPLIES & PARTS (WHLS)
 741 BAILEY CONSTRUCTION GROUP...CONSTRUCTION COMPANIES
 821 ALDI...GROCERS-RETAIL
 833 WALGREENS...GROCERS WHOLESALE
 833 WALGREENS...PHARMACIES
 835 FURNITURE 4 LESS INC...FURNITURE-DEALERS-RETAIL
 837 GENESIS HOUSING DEVMNT CORP...REAL ESTATE DEVELOPERS
 841 DTLR...SPORTSWEAR-RETAIL
 843 J J NAILS...MANICURING
 843 J J NAILS...BEAUTY SALONS
 845 CREATIVE DESIGNZ HAIR SALON...BEAUTY SALONS
 847 METRO BY T-MOBILE...CELLULAR TELEPHONES (SERVICES)
 861 PULLMAN BANK TRUST...REAL ESTATE LOANS
 861 PULLMAN BANK TRUST...BANKS

11325 SHELTON HEIGHTS CHR OF CHRIST...CHURCHES
 11328 TAYLOR PUMPS INC...AUTOMOBILE LUBRICATION SERVICE
 11350 POPEYES LOUISIANA KITCHEN...RESTAURANTS
 11357 BRITTLAN THREE...NONCLASSIFIED ESTABLISHMENTS
 11357 KROC CORPS COMMUNITY CTR...MARRIAGE & FAMILY COUNSELORS
 11421 MC DONALD'S...RESTAURANTS
 11435 ADKINS III, RAY...INSURANCE
 11443 IMANI CHILDREN'S ACADEMY...CHILD CARE SERVICE
 11444 BEAUTIFUL NAILS...MANICURING
 11444 BEAUTIFUL NAILS...BEAUTY SALONS
 11444 VANESSA'S MUSIC...MUSIC DEALERS
 11449 CHECKERS DRIVE-IN RESTAURANT...RESTAURANTS
 11500 BP...SERVICE STATIONS-GASOLINE & OIL
 11501 MOBIL...SERVICE STATIONS-GASOLINE & OIL
 11525 BASKIN-ROBBINS...ICE CREAM PARLORS
 11525 DUNKIN'...DOUGHNUTS
 11528 STARKS BOYD...ATTORNEYS

735 CLARINE EGGLESTON...RESIDENTIAL
 735 ROMELL EGGLESTON...RESIDENTIAL
 741 BAILEY CONSTRUCTION GROUP...CONSTRUCTION COMPANIES
 741 BAILEY CONSTRUCTION GROUP...BOILERS SUPPLIES & PARTS (WHLS)
 821 ALDI...GROCERS-RETAIL
 833 WALGREENS...PHARMACIES
 833 WALGREENS...GROCERS WHOLESALE
 835 FURNITURE 4 LESS INC...FURNITURE-DEALERS-RETAIL
 843 J J NAILS...MANICURING
 843 J J NAILS...BEAUTY SALONS
 845 CREATIVE DESIGNZ HAIR SALON...BEAUTY SALONS
 851 DTLR...CLOTHING-RETAIL
 851 DTLR...SHOES-RETAIL
 851 DTLR...WOMEN'S APPAREL RETAIL
 857 DOMINO'S...PIZZA
 861 PULLMAN BANK TRUST...BANKS
 861 PULLMAN BANK TRUST...REAL ESTATE LOANS

11325 SHELDON HEIGHTS CHR OF CHRIST...CHURCHES
 11328 TAYLOR PUMPS INC...AUTOMOBILE LUBRICATION SERVICE
 11350 POPEYE'S CHICKEN & BISCUITS...FOODS-CARRY OUT
 11350 POPEYE'S CHICKEN & BISCUITS...RESTAURANTS
 11357 BRITTLAN THREE...NONCLASSIFIED ESTABLISHMENTS
 11357 G R W P FOOD NETWORK...SUPERMARKETS/OTHER GROCERY (EXC
 CONVENIENCE) STRS
 11421 MC DONALD'S...RESTAURANTS
 11421 MC DONALD'S...FOODS-CARRY OUT
 11435 RAY ADKINS INSURANCE INC...INSURANCE
 11440 CREATIVE TEA CAFE & GOURMET...COFFEE SHOPS
 11440 FASHION ISLAND...BEAUTY SALONS-EQUIPMENT & SUPLS (WHLS)
 11442 O K SHOES...SHOES-RETAIL
 11443 IMANI CHILDREN'S ACADEMY...CHILD CARE SERVICE
 11444 115TH MINI MALL...SHOPPING CENTERS & MALLS
 11444 BEAUTIFUL NAILS...MANICURING
 11444 COMMUNITY ASSISTANCE PROGRAM...SOCIAL SERVICE & WELFARE
 ORGANIZATIONS
 11444 COMMUNITY ASSISTANCE PROGRAM...ORGANIZING SERVICES-HOUSEHOLD
 & BUSINESS
 11444 COMMUNITY ASSISTANCE PROGRAM...EMPLOYMENT AGENCIES &
 OPPORTUNITIES
 11444 GOLD CITY FINE JEWELRY...JEWELRY DESIGNERS
 11444 LUCKY MEN'S WEAR...MEN'S CLOTHING & FURNISHINGS-RETAIL
 11444 RAINBOW OVER...BEAUTY SALONS
 11444 VANESSA'S MUSIC...MUSIC DEALERS
 11449 CHECKERS DRIVE-IN RESTAURANT...RESTAURANTS
 11500 FOUR SEASONS CITGO...SERVICE STATIONS-GASOLINE & OIL
 11500 FOUR SEASONS CITGO...CONVENIENCE STORES
 11500 LOCION BELLEZA...BEAUTY SALONS
 11501 ATM...AUTOMATED TELLER MACHINES
 11501 SARINA ENTERPRISES INC...ALTERNATIVE FUELS
 11501 SARINA ENTERPRISES INC...SERVICE STATIONS-GASOLINE & OIL
 11528 JARARD, MICHAEL A...ATTORNEYS

735 CLARINE EGGLESTON...RESIDENTIAL
 741 BAILEY CONSTRUCTION GROUP...CONSTRUCTION COMPANIES
 741 BAILEY CONSTRUCTION GROUP...CONSTRUCTION ESTIMATES
 741 E E BAILEY BUILDING MATERIALS...FEDERAL GOVERNMENT CONTRACTORS
 741 E E BAILEY BUILDING MATERIALS...BUILDING MATERIALS
 741 III ENGINE DISTRIBUTING INC...ENGINES-REBUILDING & EXCHANGING
 821 ALDI...GROCERS-RETAIL
 833 BLUE RHINO AT WALGREENS...PROPANE TANK KIOSKS
 833 CHASE ATM...AUTOMATED TELLER MACHINES
 833 WALGREEN DRUG STORES...PHARMACIES & DRUG STORES
 833 WALGREENS...PHARMACIES
 833 WALGREENS...VARIETY STORES
 835 FURNITURE 4 LESS INC...FURNITURE-DEALERS-RETAIL
 837 SIMPLY FASHION...WOMEN'S APPAREL-RETAIL
 843 J & J NAILS...MANICURING
 845 CREATIVE DESIGNZ HAIR SALON...BEAUTY SALONS
 851 DTLR...CLOTHES LINE EQUIP & SUPPLIES (MFRS)
 851 DTLR...CLOTHING-RETAIL
 851 LIQUORS GALORE...LIQUORS-RETAIL
 851 MAPLE PARK WINE & SPIRITS...LIQUORS-RETAIL
 851 PREFERRED HALSTED LLC...NONCLASSIFIED ESTABLISHMENTS
 857 DOMINO'S PIZZA...PIZZA
 857 MARR PIZZA INC...RESTAURANTS
 861 PULLMAN BANK & TRUST...BANKS
 861 WINTRUST...NONCLASSIFIED ESTABLISHMENTS
 924 ANTHONY CHESTER...RESIDENTIAL
 924 SHERRY CHESTER...RESIDENTIAL

11325 SHELDON HEIGHTS CHURCH-CHRIST...RELIGIOUS ORGANIZATION
 11328 TAYLOR PUMPS INC...AUTOMOTIVE OIL CHANGE & LUBRICATION SHOPS
 11350 POPEYES CHICKEN & BISCUITS...FULL-SERVICE RESTAURANTS
 11355 SALVATION ARMY...OTHER INDIVIDUAL & FAMILY SVCS
 11414 OSCO DRUG...PHARMACIES & DRUG STORES
 11414 TCF BANK...COMMERCIAL BANKING
 11414 VICTORS VALET INC...DRYCLEANING & LAUNDRY SVCS
 11421 MC DONALDS...FULL-SERVICE RESTAURANTS
 11435 RAY ADKINS INSURANCE INC...INVESTMENT ADVICE
 11435 RAY ADKINS INSURANCE INC...INSURANCE AGENCIES & BROKERAGES
 11435 STATE FARM INSURANCE...INVESTMENT ADVICE
 11440 FASHION ISLAND...WHOLESALE TRADE AGENTS & BROKERS
 11440 PAYLESS SHOE SOURCE...SHOE STORES
 11443 IMANI CHILDRENS ACADEMY...CHILD DAY CARE SVCS
 11444 115TH MINI MALL...LESSORS OF NONRESIDENTIAL BUILDINGS
 11444 BEAUTIFUL NAILS...NAIL SALONS
 11444 BEST COMMUNICATIONS...RADIO, TV & OTHER ELECTRONICS STORES
 11444 CHANGE CASUAL...OTHER CLOTHING STORES
 11444 COOPER USED HOTEL LIQUIDATORS...ALL OTHER SUPPORT SVCS
 11444 FELIZ GROUP INC
 11444 FOOT LOCKER...SHOE STORES
 11444 GOLD CITY FINE JEWELRY...JEWELRY STORES
 11444 HANK FASHIONS...MEN'S CLOTHING STORES
 11444 KAY ONE BEAUTY SUPPLY...WHOLESALE TRADE AGENTS & BROKERS
 11444 KIDS STORE...USED MERCHANDISE STORES
 11444 LUCKY MENS WEAR...MEN'S CLOTHING STORES
 11444 MC COY 2...MEN'S CLOTHING STORES
 11444 NIAGADO IMPORTS...USED MERCHANDISE STORES
 11444 NIORO COLLECTIONS
 11444 UNIQUE ELEGANCE...WOMEN'S CLOTHING STORES
 11444 VANESSAS MUSIC...MUSICAL INSTRUMENT & SUPPLIES STORES
 11500 LOCION BELLEZA...BEAUTY SALONS
 11501 HALSTED MOBIL...OTHER GASOLINE STATIONS
 11528 BOYD, CARL B...OFFICES OF LAWYERS
 11528 STARKS & BOYD...OFFICES OF LAWYERS

735 CLARINE EGGLESTON...RESIDENTIAL
 741 E E BAILEY BUILDING MATERIALS...HOME CENTERS
 833 WALGREENS...PHARMACIES & DRUG STORES
 837 SIMPLY FASHION...WOMEN'S CLOTHING STORES
 851 DRACOS WIRELESS COMM INC...WIRELESS TELECOMM CARRIERS (EXCEPT SATELLITE)
 851 DTLR...FAMILY CLOTHING STORES
 851 PREFERED HALSTED LLC
 924 IRENES ANSWERING SVC...TELEPHONE ANSWERING SVCS

11325 SHELDON HEIGHTS CHURCH-CHRIST...RELIGIOUS ORGANIZ
 11328 TAYLOR PUMPS INC...OIL & LUBRICATION SERVICE
 11350 POPEYES FRIED CHICKEN...QUICK SERV CHICKEN
 11355 DARIUS C BOLLING...ACCTG,AUDIT,BKKEEP
 11355 SHELDON HEIGHTS CHURCH CHRIST...RELIGIOUS ORGANIZATION
 11414 JEWEL-OSCO...GROCERY STORES
 11414 OSCO DRUG...DRUG,PROPRIETARY STR
 11414 TCF BANK...NATIONAL COML BANKS
 11421 MC DONALDS HAMBURGERS...QUICK SERV BURGER
 11435 RAY ADKINS INSURANCE INC...INSURANCE AGENTS,BRKR
 11435 RAY III ADKINS...RESIDENTIAL
 11435 STATE FARM INSURANCE...INSURANCE AGENCY
 11440 FASHION ISLAND...RET WIGS COSTUME JEWELRY AND BEAUTY SUPPLIES
 11440 FASHION ISLAND...BEAUTY SALON,BARBERS
 11440 PAYLESS SHOE SOURCE...SHOE STORES
 11443 IMANI CHILDRENS ACADEMY...CHILD DAY CARE SVS
 11443 LA PETITE CHILDRENS ACADEMY II...CHILD DAY CARE SERVICES
 11444 115TH MINI MALL...SHOPPING CTR OPER
 11444 115TH MINI MALL...SHOPPING CENTERS & MALLS
 11444 BEAUTIFUL NAILS...MANICURING
 11444 BEAUTIFUL NAILS...BEAUTY SHOPS
 11444 BEST COMMUNICATIONS...MISC RETAIL STORES
 11444 BEST COMMUNICATIONS...CELLULAR TELEPHONES-EQUIPMENT & SUPLS
 11444 CHANGE CASUAL...RET MEN'S/BOYS' CLOTHING
 11444 CHANGE CASUAL...SPORTS APPAREL
 11444 CREATIVE IMAGES...BEAUTY SALONS
 11444 DANDIAL SA IMPORT...IMPORTERS
 11444 EXPRESS THERRA...CLOTHING-INSTITUTIONAL
 11444 FASHION WEAR...CLOTHING-USED
 11444 FELIZ GROUP INC...NCLASSIFIABLE ESTAB
 11444 FOOT LOCKER...SHOES-RETAIL
 11444 FOOT LOCKER...SHOE STORES
 11444 GOLD CITY FINE JEWELRY...JEWELRY STORES
 11444 GOLD CITY FINE JEWELRY...JEWELERS-RETAIL
 11444 HANK FASHIONS...MEN'S, BOYS' CL STR
 11444 HIP-HOP CONNECTIONZ...MEN'S & BOYS' CL
 11444 JADE BROKERAGE SVC...PERS SVC AGTS,BRKR
 11444 KAY ONE BEAUTY SUPPLY...BEAUTY SALON,BARBERS
 11444 KIDS STORE...USED MERCHANDISE
 11444 LUCKY MENS WEAR...MEN'S, BOYS' CL STR
 11444 MC COY 2...MEN'S, BOYS' CL STR
 11444 MCCOY 2...RET MEN'S CLOTHING AND ATHLETIC FOOTWEAR
 11444 MILLENNIUM LANDCORP...MULTIMEDIA INVESTMENTS
 11444 NIAGADO IMPORTS...RET JEWELRY
 11444 NIAGADO IMPORTS...USED MERCHANDISE
 11444 NIORO COLLECTIONS...NCLASSIFIABLE ESTAB
 11444 QUIK COPY...PHOTOCOPYING,DUP SV
 11444 STAR PLANET INTL DETECTIVES...DET, ARMORED CAR SV
 11444 TOBACCO EMPORIUM...MFG CIGARS
 11444 UNIQUE ELEGANCE...BOUTIQUES
 11444 US COMMUNICATION INC...RADIOTELEPHONE COMMUNICATION
 11444 VANESSAS MUSIC...MUSICAL INSTRUMENTS
 11449 ILLINOIS TITLE LOANS...PERSONAL CREDIT INS
 11500 BP...SERVICE STATIONS-GASOLINE & OIL
 11501 HALSTED MOBIL...GASOLINE SV STATION
 11525 PIZZA HUT...QUICK SERV PIZZA PARLOR
 11528 STARKS & BOYD...LEGAL SERVICES
 11528 STARKS AND BOYD...LEGAL SERVICES OFFICE

741 E E BAILEY BUILDING MATERIALS...LUMBER, REL BLD MTL
 833 WALGREEN DRUG STORES...DRUG,PROPRIETARY STR
 924 IRENES ANSWERING SVC...TELEPHONE SERVICES

11325 SAML L JORDAN...RESIDENTIAL
 11325 SHELDON HEIGHTS CHURCH-CHRIST
 11328 OIL CHANGE JUNCTION...TOWING SERVICES
 11350 POPEYE'S CHICKEN & BISCUITS...STEAK AND BARBECUE RESTAURANTS
 11355 BROCKS FOR MEN INC...WOMEN'S SPECIALTY CLOTHING STORES
 11414 JEWEL FOOD STORES
 11414 OSCO DRUG
 11414 TCF NATIONAL BANK
 11421 MC DONALD'S...STEAK AND BARBECUE RESTAURANTS
 11435 RAY ADKINS INSURANCE INC
 11440 FASHION ISLAND...LAUNDRY AND DRY CLEANING EQUIPMENT AND SUPPLIES
 11440 PAYLESS SHOE SOURCE...CUSTOM AND ORTHOPEDIC SHOES
 11442 OK SHOES...CUSTOM AND ORTHOPEDIC SHOES
 11443 LA PETITE CHILDREN'S ACADEMY
 11444 115TH MINI MALL...COMMERCIAL AND INDUSTRIAL BUILDING OPERATION
 11444 BEAUTIFUL NAILS...BEAUTY SCHOOLS
 11444 CHANGE CASUAL
 11444 EXOTIC EXPRESSIONS
 11444 FOOT LOCKER...CUSTOM AND ORTHOPEDIC SHOES
 11444 GOLD CITY FINE JEWELRY
 11444 GOLD EXCHANGE
 11444 HANK FASHIONS
 11444 K'S MART INC...OIL AND GREASES (ANIMAL OR VEGETABLE)
 11444 LUCKY MEN'S WEAR
 11444 MAC'S MUSIC...VIDEO DISCS AND TAPES, PRERECORDED
 11444 MC COY 2
 11444 MIRAGE...CHILDREN'S GOODS
 11444 MVP SPORTS
 11444 NIAGADO IMPORTS...CLOCK AND WATCH STORES
 11444 SPIRITUAL PERSPECTIVE...NEWSPAPERS, PUBLISHING AND PRINTING
 11444 U S COMMUNICATION INC...ART AND ARCHITECTURAL SUPPLIES
 11444 VIDEONET...RECORDS, AUDIO DISCS, AND TAPES
 11449 TITLE LOANS OF AMERICA
 11451 HALSTED FRUIT MARKET
 11500 G & Z AMOCO
 11520 E E BAILEY BUILDING MATERIALS
 11525 PIZZA HUT...STEAK AND BARBECUE RESTAURANTS
 11526 ACTION BAIT SHOP
 11528 & BOYD STARKS...RESIDENTIAL
 11528 BOYD CARL B ATTY
 11528 STARKS & BOYD

833 APP CONTRACTORS INC

11325 SHELDON HEIGHTS CHURCH-CHRIST
11328 OIL EXPRESS
11350 POPEYE'S CHICKEN & BISCUITS
11355 CLOTHES & CLOTHES
11414 JEWEL FOOD STORES
11414 OSCO DRUG
11435 STATE FARM INSURANCE
11440 FASHION ISLAND
11440 PAYLESS SHOE SOURCE
11440 TON'S EXOTIC HAIR CARE
11442 OK SHOES
11442 VANESSA MUSIC
11443 LA PETITE CHILDREN'S ACADEMY
11444 115TH MINI MALL
11444 BEAUTIFUL NAILS
11444 CHANGE CASUAL
11444 FOOT LOCKER
11444 GOLD CITY FINE JEWELRY
11444 GOLD COAST COMMUNICATIONS
11444 GOLD EXCHANGE
11444 HANK FASHIONS
11444 K'S MART INC
11444 MIRAGE
11444 MVP SPORTS
11444 P K FASHION
11444 PROFESSIONAL JEWELER
11444 S & B MENSWEAR & ALTERATIONS
11444 SHOE AVENUE
11444 WILLIAM E STEWART & CO
11444 YOUR KIDS
11449 CHECKERS DRIVE IN RESTAURANT
11451 HALSTED FRUIT MARKET
11500 G & Z AMOCO
11501 M R SHELL CAR WASH
11520 CHICAGO TRUCK PARTS
11525 PIZZA HUT
11526 ACTION BAIT SHOP
11528 STARKS & BOYD

833 CHICAGO HOUSING
833 CHICAGO HOUSING AUTHORITY

11320 JOEYS PIZZA
 11325 JORDAN SAML L
 11325 SHELDON HTS CH
 11328 OIL EXPRESS
 11350 POPEYES FRIED CHKN
 11355 BROCKS FOR MEN INC
 11355 CLOTHES & CLOTHES
 11414 JEWEL FD ST STH
 11414 OSCO DRUG GEN MOSE
 11414 OSCO DRUG PHAR
 11414 WESTRN UNION
 11421 MCDONALDS RSTRNT
 11435 ADKINS RAY INS AG
 11435 STATE FARM INS
 11435 STATE FARM INS AGNT
 11440 FASHION ISLAND
 11440 PAYLESS SHOESOURCE
 11440 TONS EXOTIC HR CRE
 11443 LA PETITE CHLD ACOM
 11444 115TH MINI MALL
 11444 AJ SPORTSWEAR
 11444 ALL CITY VDO & MUSIC
 11444 BEAUTIFUL NAILS
 11444 BUILDING
 11444 CHANGE CASUAL
 11444 DJ FASHIONS
 11444 FASHION ATTRACTION
 11444 FOOT LOCKER
 11444 GOLD CTY FINE JWLAY
 11444 HANK FASHIONS
 11444 JINS STATION
 11444 KINGS JEWELERY
 11444 KS MART
 11444 MVP SPORTS
 11444 OXWEAR
 11444 PK FASHION
 11444 PLAYERS SPORTSWEAR
 11444 PROFSNL JEWELER
 11444 S & B MENSWEAR
 11444 SABRINAS FASHIONS
 11444 SHOE AVENUE
 11444 SPORTS & FASHION
 11444 SS FASHION
 11444 STEWART WM E & CO
 11444 URSULAS CLOSET
 11444 YOUR KIDS
 11449 CHECKERS
 11500 GAZ AMOCO
 11501 XXXX
 11520 CHGO TRUCK PARTS
 11525 PIZZA HUT
 11526 ACTION BAIT SHOP
 11528 STARKS & BOYD
 11550 PALISADE BOWL
 11550 RITCHIES COFFEE SH

705 AFFLALO MOSES
 705 HURTZ LYNN
 741 IL ENGENE DSTRBTNG
 833 CHGO HSG CONTRACT
 833 CHGO HSG ECNMC DVLP
 833 CHGO HSG ENERGY MNG
 833 CHGO HSG HUMAN RSRC
 833 CHGO HSG MINORITY
 833 CHGO HSG PLANNING
 833 CHGO HSG POLICIES
 901 XXXX
 930 JACKSON LEE G

1991**S HALSTED ST**

SOURCE: HAINES

11322 XXXX
11325 JORDAN SAML L
11325 SHELDON HGHTS CHACH
11328 OIL EXPRESS
11350 POPEYES FAMOUS CHKN
11355 CLOTHES & CLOTHES
11357 XXXX
11401 XXXX
11414 COLONIAL PENN INS
11414 JEWEL FD STR
11414 OSCO DRUG GENL MDS
11414 OSCO DRUG PHAR
11421 MCDONALDS RSTRNT
11431 XXXX
11434 SAVAGE GUS
11435 ADKINS RAY INS AGCY
11435 STATE FARM INS
11440 AMES DEPT STORES
11440 FASHION ISLAND
11440 GENEOS PIZZA
11440 PAYLESS SHOESOURCE
11443 BUNNYLAND DEVL P CTR
11445 QUALITY CARE MFFLR
11455 XXXX
11458 XXXX
11500 S & L AMOCO
11501 ANDERSON SHELL CAR
11507 XXXX
11520 C & H LOCKSMITH
11520 CHGO TRUCK PARTS
11520 HAMATER J L & CO
11522 XXXX
11525 PIZZA HUT
11526 ACTION BAIT SHOP
11528 STARKS & ASSOCIATES
11550 DOCTORS OFC PRO SHP
11550 PALISADE BOWL
11550 RITCHIESS COFFEE SH

1991**W 115TH ST**

SOURCE: HAINES

714 XXXX
735 XXXX
741 IL ENGINE DISTABTNG
833 ALPHA PHI ALPHA
833 CHGO YOUTH & CMNTY SV
901 DOBBS RECYCLING SRV

0 CLOTHES & CLOTHES
11322 LOGAN BOBBIE A
11325 JORDAN SAML L
11325 SHELDON HGHTS CHRCH
11350 POPEYES FAMOUS CHKN
11357 XXXX
11401 XXXX
11414 JEWEL FD STR
11414 OSCO DRUG GENL MDSE
11414 OSCO DRUG PRSCPTN
11421 MCDONALDS RESTRNT
11431 XXXX
11434 SAVAGE GUS
11435 ADKINS RAYMOND
11440 BELLAS PIZZA ZAYRE
11440 FASHION ISLAND
11440 PAYLESS SHOESOURCE
11440 VALUE LIQUOR CT
11440 ZAYRE STORE 352
11443 BUNNYLAND DEVL P DAY
11445 FAIR MUFFLEP
11445 FAIR MUFFLER
11455 XXXX
11458 XXXX
11500 AMOCO SERVICE STA
11501 ANDERSON SHELL CAR
11507 XXXX
11520 HAMATER J L & CO
11522 OWENS BROS REALTORS
11522 OWENS ROBT
11525 BOBS TOWN & COUNTRY
11526 ACTION BAIT SHOP
11528 STARKS BENJ E ATTY
11560 BILL L PALISADE SHP
11560 PALISADE BOWL
11560 RITCHIE COFFEE SHOP

714 KNOTTY PINE LOUNGE
735 XXXX
741 ILL ENGINE DISTBG
901 XXXX
936 XXXX

11357 LU ART LTD
11401 XXXX
11414 FASHION ISLAND
11414 JEWEL FD STR KTCHN
11414 JEWEL FO STR BKRY
11414 JEWEL FOOD STORES
11421 MCDONALDS RESTAURNT
11421 WALTER D CONSTR
11431 ADKINS RAYMOND INS
11431 BOYD SIMON W JR DDS
11431 PARKSIDE CLNCL LAB
11435 STATE FARM INSURNC
11440 VENTURE STORE INC
11440 VENTURE STORE SALON
11443 BUNNYLAND DEVL P DAY
11455 XXXX
11458 XXXX
11500 ARTS STANDARD SERV
11501 11501 & HALSTED SHELL
11507 XXXX
11520 HAMATER J L & CO
11522 OWENS BROS REALTY
11522 OWENS ROBERT
11525 BOBS SUPER 100
11526 ACTION BAIT SHOP
11528 STARKS BENJAMIN E
11550 BILL LEONARDS PLISO
11550 PALISADE BOWL
11601 ROSELAND MOVNG & STR

709 XXXX
735 EGGLESTON CHARLOTTE
741 EXCEL MARKETING CRP
741 ILL ENGINE DISTB
833 XXXX
901 XXXX
936 XXXX

1978**S HALSTED ST**

SOURCE: HAINES

11322 XXXX
11325 JORDAN SAML L
11325 SHELDON HEIGHTS CH
11357 LU ART INC
11401 HEJ GAS USA
11414 JEHEL FOOD STORES
11431 BOYD SIMON W JR DDS
11431 HALLOWAY MAHMOUD MD
11431 MARSHALL WM B
11431 MCFARLAND WALTER DR
11431 PARKSIDE CLNCL LAB
11431 SCHMIDT JAY H MD
11435 PIZZA UNLIMITED
11440 TURN STYLE FMLY CTR
11440 TURNSTYLE JHLRY OPT
11440 WJ PC
11443 SUNNY LND DY CRE CT
11455 SIMS BROS MOBILE SV
11458 XXXX
11500 JULIUS STANDARD SV
11501 11501 & HALSTD SHELL
11507 XXXX
11520 HAMATER J L & CO
11522 OWENS BROS REALTY
11526 ACTION BAIT SHOP
11528 BAILEY R S & ASSOC
11550 EMMETTS RSTRNT LNGE
11550 PALISADE BOWL
11550 WILLIE LEONARD

1978**W 115TH ST**

SOURCE: HAINES

741 ILL ENGINE DISTB
833 PILLSBURY TOYS
833 WILTON ENTERPRISES
833 WILTON SC CAKE DECR
901 XXXX
936 XXXX

11401 GAS USA
11431 BAND BUILDING CORP
11431 BEST BUSINESS ASSOCS
11431 BUILDING
11431 DAVIS JOHN R
11431 MERRICK FRANK W MD
11431 MES
11431 MUSIC EDUCATNL SV
11431 ODELL LESTER D MD
11431 RAETSCHER E R
11431 SHOREY D MD
11431 VAN DAM RAYMOND DDS
11431 VENUS LINGERIE
11435 PIZZA UNLIMITED
11443 SUN LIFE INS AMER
11455 TED&ANDYS MOBILE SVS
11458 CHRISTMAS TREE LAND
11458 SHELDON HTS GLF RNG
11500 JULIUS STANDARD SV
11507 XXXX
11520 HAMATER J LECO
11522 OWENS BROS REALTORS
11522 OWENS BROS REALTY
11526 ANDERSON O DECORTG
11526 GUSTAFSON NORMAN E
11528 BAILEY R SEASSOC
11550 PALISADE BOWL
11550 PALISADE COFFEE SH

741 ILL ENGINE DSTRBTNG
833 WILTN SCH CAKE DEC
833 WILTON ENTERPRISES
833 WILTON NORMAN M
833 WILTON WEDDING CAKE
901 CLIMATE CONTROL
936 XXXX

11322 HOUSE OF HAWAII
11325 BERGMAN EARL D REV
11325 BEULAH GSPL TEMPLE
11357 SOUTH END BOAT SHOP
11431 AVAL PAVING INC
11431 BAND BUILDING CORP
11431 BOROIAN MUSIC SV
11431 BUILDING
11431 DAVIS JOHN R
11431 MACDONALD EF STAMP
11431 MERRICK FRANK W MD
11431 MUSIC EDUCATNL SV
11431 ODELL LESTER D MD
11431 RAETSCH ER
11431 SHOREY WM D MD
11431 VAN DAM RAYMOND DOS
11435 PIZZA UNLIMITED
11443 SUN LIFE INS AMER
11455 TEDCANDYS MOBILE SV
11458 CHRISTMAS TREE LAND
11458 SHELDON HGT GLF RNG .
11500 JULIUS STANDARD SV
11507 INGLENOOK RESTANT
11520 HAMATER J LECO
11522 MID WEST ABRASIVE
11526 ANDERSON DECOR TG SV
11526 NATIONWIDE TAX SERV
11528 K S M DIV
11550 PALISADE BOWL
11550 PALISADE COFFEE SH

709 BEAUCHAMP JOHN
735 KNIGHTON ROY E
735 RADTKE LAURA E
741 ILL ENGINE OSTRBTNG
833 WILTN SCH CAKE DECR
833 WILTON ENTERPRISES
833 WILTON NORMAN M
833 WILTON WEDDING CAKE
901 CLIMATE CONTROL
936 MCCLOUD ALECIA

1965**S HALSTED ST**

SOURCE: REUBEN H DONNELLEY CO

11322 HOUSEOFFLAWAI
11325 BEULAH GOSPEL TEMPLE
11401 RICH'S ENCO SERVICE STATION
11431 BANDBLDG CORP
11431 CHELDON HEIGHTS REALTY COMPANY
11431 CHICKEN UNLIMITED INCORPORATED
11431 DAVIS JR
11431 DEYOUNG HD EDUCATIONAL SERV
11431 JETHS FC OD
11431 KNICKERBOCKER INS AGENCY
11431 MUSIC INCORPORATED
11431 PEDERSEN H N
11431 VANDAM R C
11435 CHICKEN UNLIMITED INCORPORATED
11443 SUN LIFE INS CO OF AMERICA
11455 ORAN & SON MOBIL SERVICE
11458 SHELDON HEIGHTS GOLF RANGE
11500 MEEKMA'S STANDARD SERVICE
11507 INGLENOOK LOG CABIN RESTRNT
11520 JIM & FRED'S FISHERY
11522 MID - TEST ABRASIVE COMPANY
11526 BRANDY'S AUTO SERVICE
11528 K S M PRDTS INC STUD WELDING DIV
11550 PALISADE BOWL
11557 SOUTH END BOAT SHOP

1965**W 115TH ST**

SOURCE: REUBEN H DONNELLEY CO

714 KNOTTY PINE LOUNGE
735 KNIGHTON RE
735 YOUNGER R R
741 BEVERLY AUTOPARTS ONE INCORPORATED
833 WILTON SCHOOL OF CAKE DECORATING
936 KC CLOUD ALECIA

1960**S HALSTED ST**

SOURCE: REUBEN H DONNELLEY CO

11300 ATHENE DEVELOPING COMPANY
11300 JERN EDW & CO PUS
11300 JOHNSON & ASSOCIATES
11300 JONES R ELECTRIC COMPANY
11325 BEULAH GOSPEL TEMPLE
11357 SOUTH END BOAT SHOP
11431 CLARK INDUSTRIES INCORPORATED
11431 JETHS F C OD
11431 SHELDON HEIGHTS REALTY COMPANY
11431 SOUTH END CHAMBER OF COMMERCE
11431 VANDAM RC
11433 MELODY MAID
11455 FRED'S KOBIL STATION
11458 SHELDON HEIGHTS GOLF RANGE
11500 FRICKE WALT STANDARD SERVICE
11507 INGLENOOK LOG CABIN RESTRAT
11520 JIM & FRED'S FISHERY
11522 MARIDAN CONSTRUCTION COMPANY
11526 BRANDY'S AUTO SERVICE
11528 KSH PROIS INC ING
11550 PALISADE BOWL

1960**W 115TH ST**

SOURCE: REUBEN H DONNELLEY CO

710 WALKER L
741 YOUNG'S AUTO SUPPLY COMPANY
901 STANDARD OIL CO
936 MCCLLOUD ALECIA

1955**S HALSTED ST**

SOURCE: REUBEN H DONNELLEY CO

11249 TROPICAL TR
11433 GAINER W
11458 SHELDON HEIGHTS GOLF RANGE
11500 11-500 SERVICE STATION
11507 " INGLENOOK LOG CABIN RESTRAT
11520 BRANDY'S AUTO SERVICE
11620 ESCHENBACK R

1955**W 115TH ST**

SOURCE: REUBEN H DONNELLEY CO

714 NOTTY PINE LODGE INCORPORATED
741 LEWIS SALES
901 STANDARD OIL CO
1002 ELIAS L E

11200 MOTOR SALES
11458 SHELDON HTG GOLF
11500 ELEVEN 500 SERV ST
11509 CESLJE JOHNSON
11509 INGLE OK CABIN
11624 HALSTED GREEN HOS

714 NOTTY PINE TAVAN
741 DONALD R REGAN
741 EJ LEVIS MTR SL5
741 J LEWIS
901 STANDARD OIL CO
1002 CLEN BALDRIDGE

10240 TURLO CASPER
10240 TURLO ANNA
10300 SOULICTIS C
10515 LAZERIS GEO
10515 LAZERIS STELLA
10524 HACKSES JNO W
10524 HACKSES J
10557 KOEKSTRA LOUISE
10557 KOEKSTRA CRNL

RANGE NOT LISTED

1928-29 S HALSTED ST

SOURCE: POLKS

11200 VACANT
11500 NOVAK O W GAS STA
11520 PANTHERSFIELD BALL PK
11620 DUYTS M N FLORIST

1928-29 W 115TH ST

SOURCE: POLKS

714 GORCHAM BROS
741 -43EMERALD AUTO AUTO LAUNDRY INC
1006 VACANT

Appendix G

Fire Insurance Maps



FIRE
INSURANCE
MAPS

Project Property: 2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL
11414 S Halsted St
Chicago IL 60628

Project No: 2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL

Requested By: A3 Environmental, LLC

Order No: 23101300130

Date Completed: October 16, 2023

Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjunction with your ERIS report.

| Date | City | State | Volume | Sheet Number(s) |
|-------------|-------------|--------------|---------------|------------------------|
| 1922 | Chicago | Illinois | | 114 |
| 1939 | Chicago | Illinois | 42 | 4239, 4245 |
| 1950 | Chicago | Illinois | 42 | 4239, 4245, 4267 |
| 1975 | Chicago | Illinois | 42 | 4239, 4245, 4271, 4272 |
| 1987 | Chicago | Illinois | 42 | 4239, 4245, 4271, 4272 |

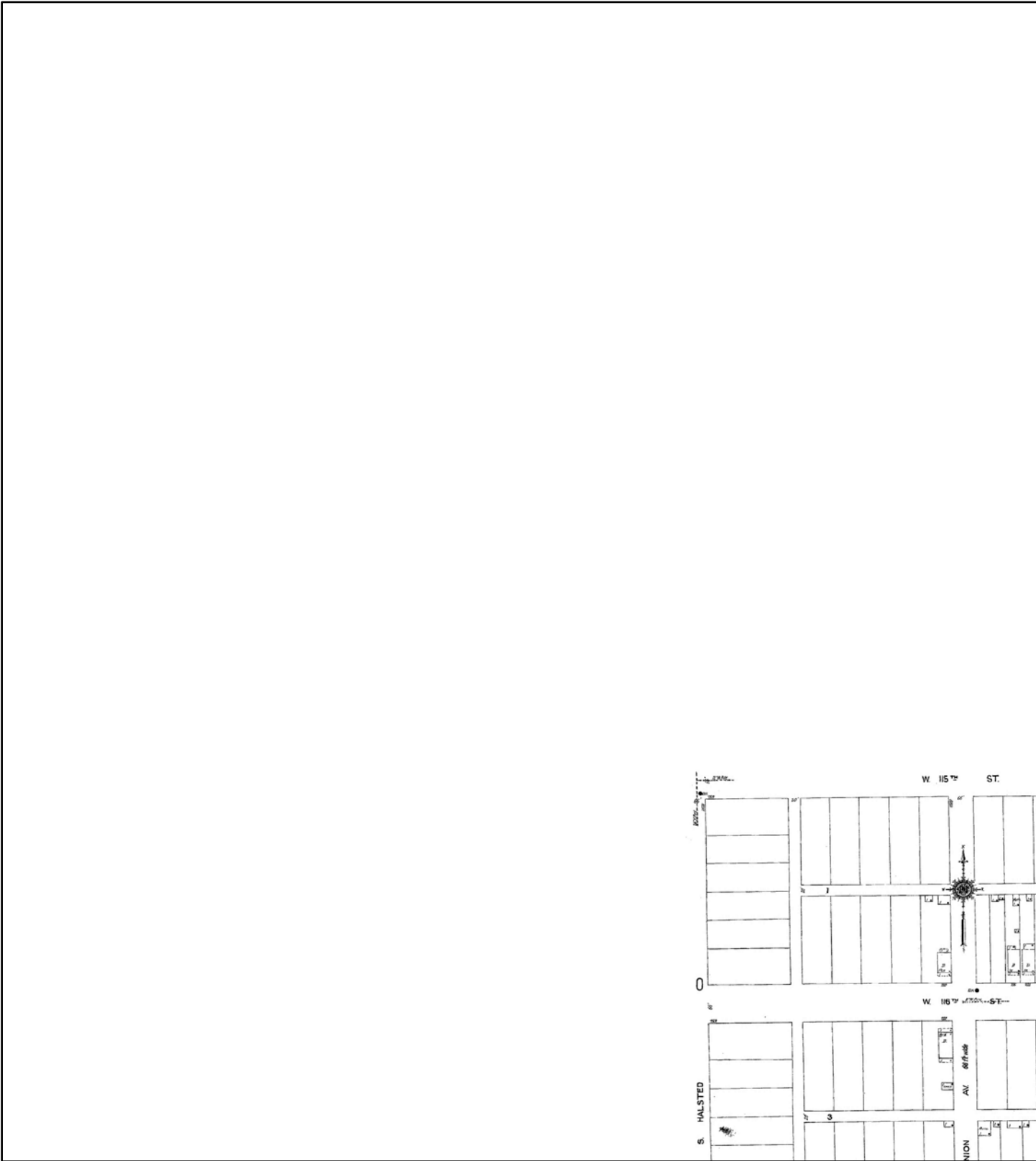
Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Environmental Risk Information Services

A division of Glacier Media Inc.

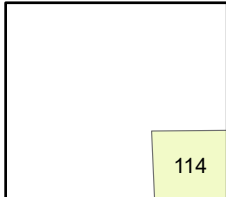
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Fire Insurance Map

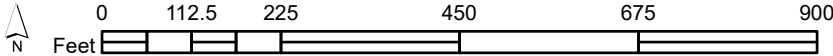


1922

Address: 11414 S Halsted St Chicago IL 60628



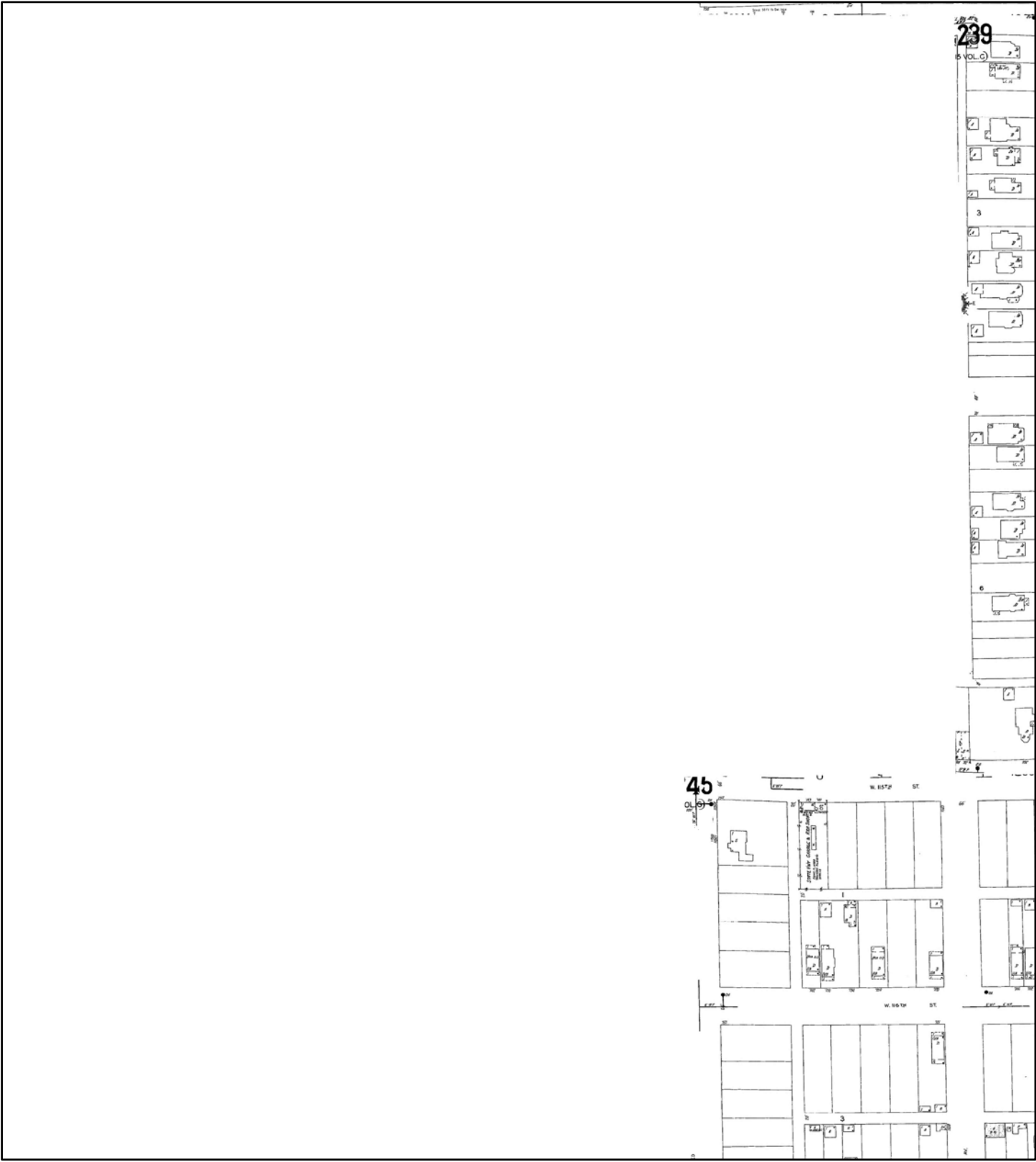
Map sheet(s):
Volume NA: 114;



Order Number 23101300130

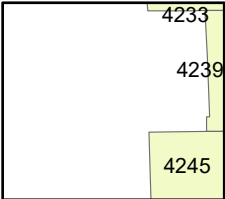


Fire Insurance Map

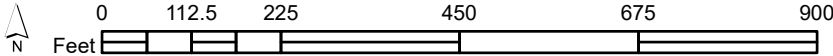


1939

Address: 11414 S Halsted St Chicago IL 60628



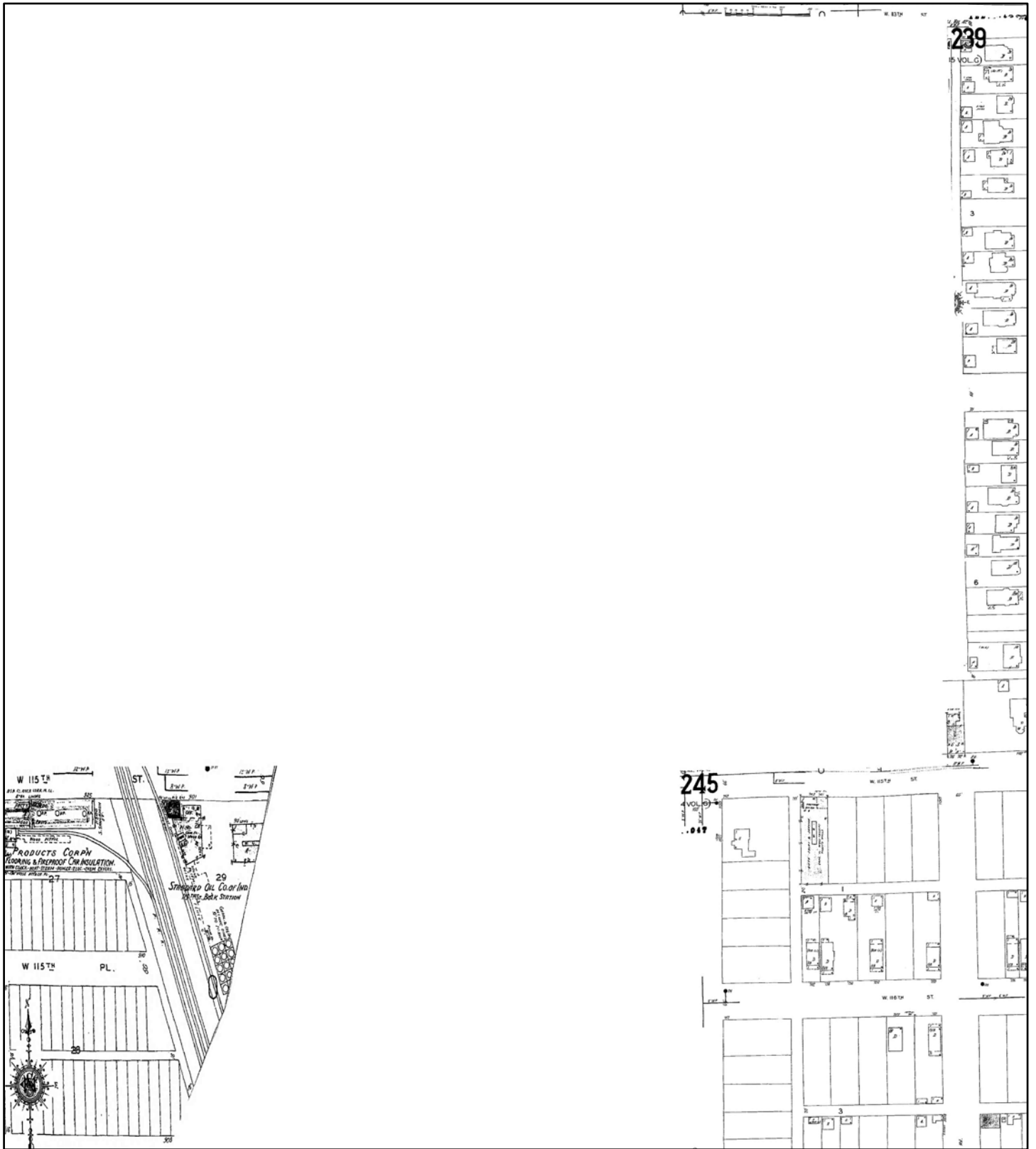
Map sheet(s):
Volume 42: 4239,4245;



Order Number 23101300130

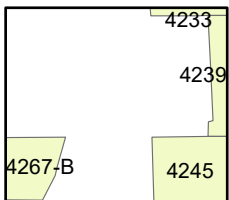
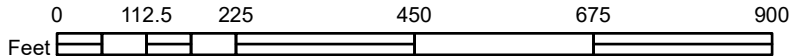


Fire Insurance Map



1950

Address: 11414 S Halsted St Chicago IL 60628

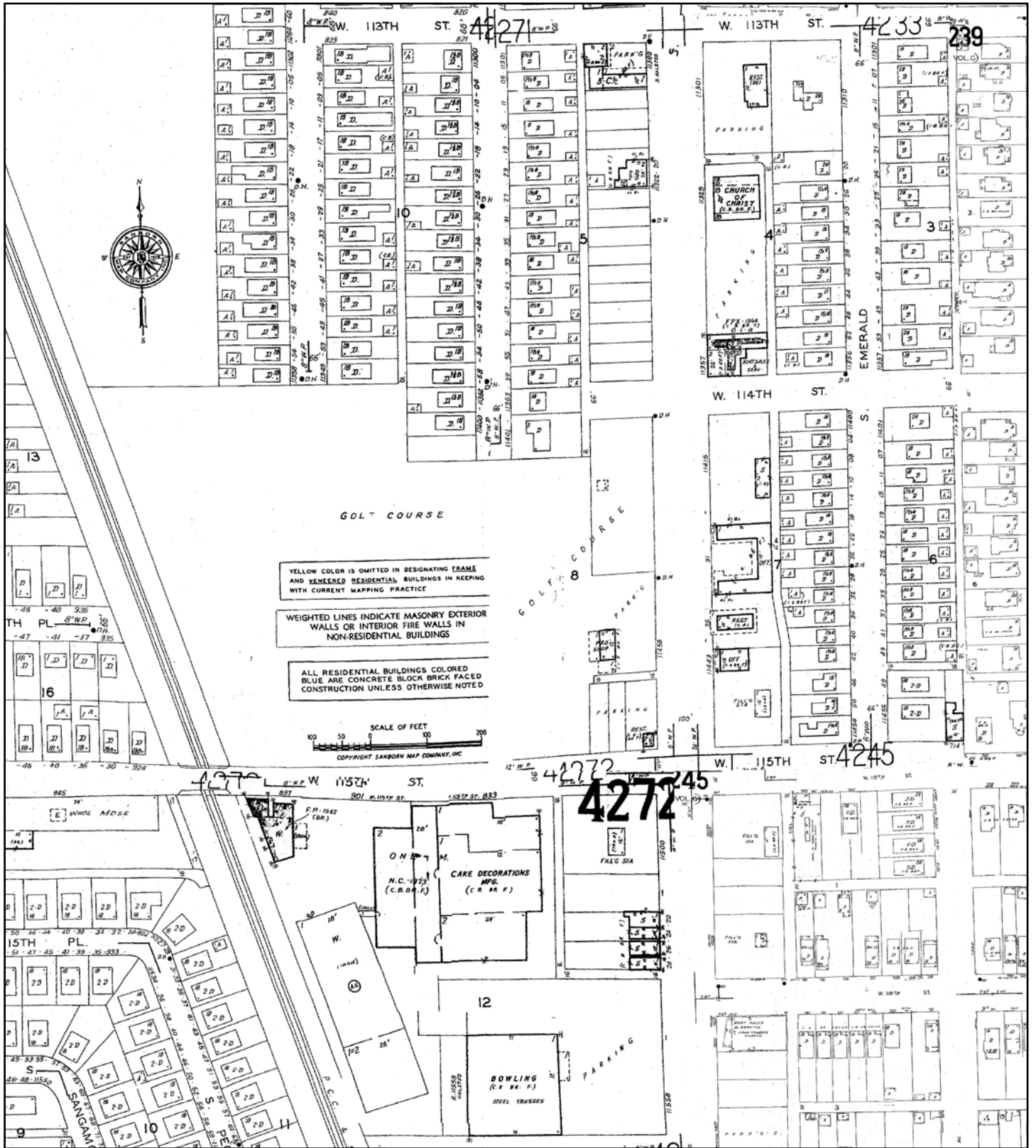


Map sheet(s):
 Volume 42: 4239,4245,4267;
 4239,4245,4267;

Order Number 23101300130

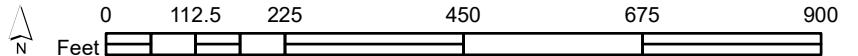


Fire Insurance Map



1975

Address: 11414 S Halsted St Chicago IL 60628



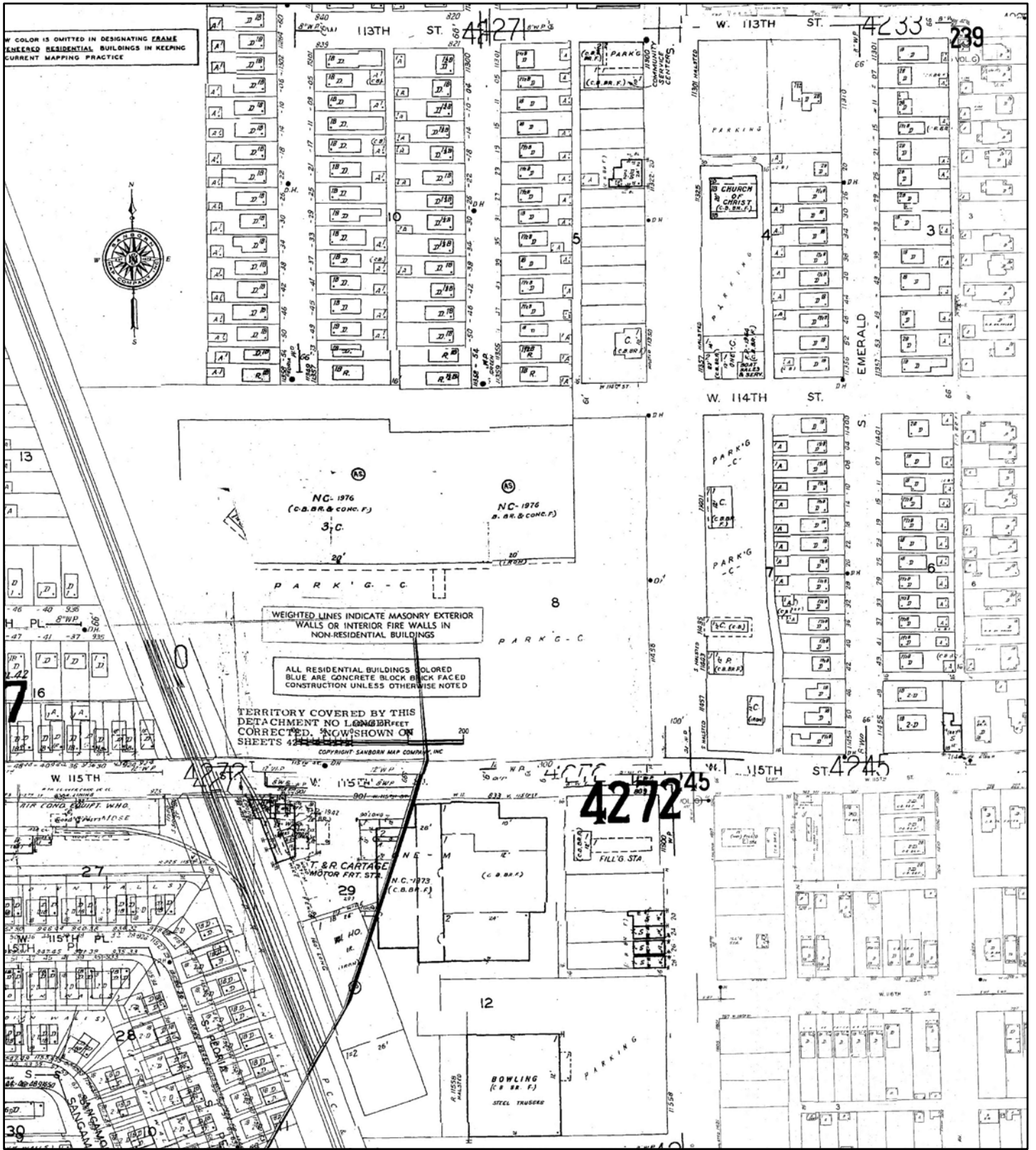
| | |
|--------|--------|
| | 4233 |
| 4271 | 4272-A |
| 4272-B | 4245 |

Map sheet(s):
Volume 42: 4239,4245,4271,4272;

Order Number 23101300130

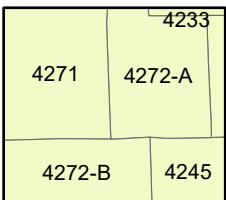


Fire Insurance Map



1987

Address: 11414 S Halsted St Chicago IL 60628



Map sheet(s):
Volume 42: 4239,4245,4271,4272;

Order Number 23101300130



Appendix H

Topographic Maps



TOPOGRAPHIC MAPS

Project Property: 2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL
11414 S Halsted St
Chicago IL 60628

Project No: 2023.3080-Commercial/Industrial Property 11414 S. Halsted Chicago IL

Requested By: A3 Environmental, LLC

Order No: 23101300130

Date Completed: October 16, 2023

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

| Year | Map Series |
|------|------------|
| 1892 | 15 |
| 1893 | 15 |
| 1900 | 15 |
| 1901 | 15 |
| 1929 | 7.5 |
| 1948 | 7.5 |
| 1953 | 7.5 |
| 1963 | 7.5 |
| 1973 | 7.5 |
| 1978 | 7.5 |
| 1993 | 7.5 |
| 1997 | 7.5 |
| 2015 | 7.5 |
| 2021 | 7.5 |

Topographic Map Symbolology for the maps may be available in the following documents:

Pre-1947

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

1947-2009

[Topographic Map Symbols](#)

2009-present

[US Topo Map Symbols](#)

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

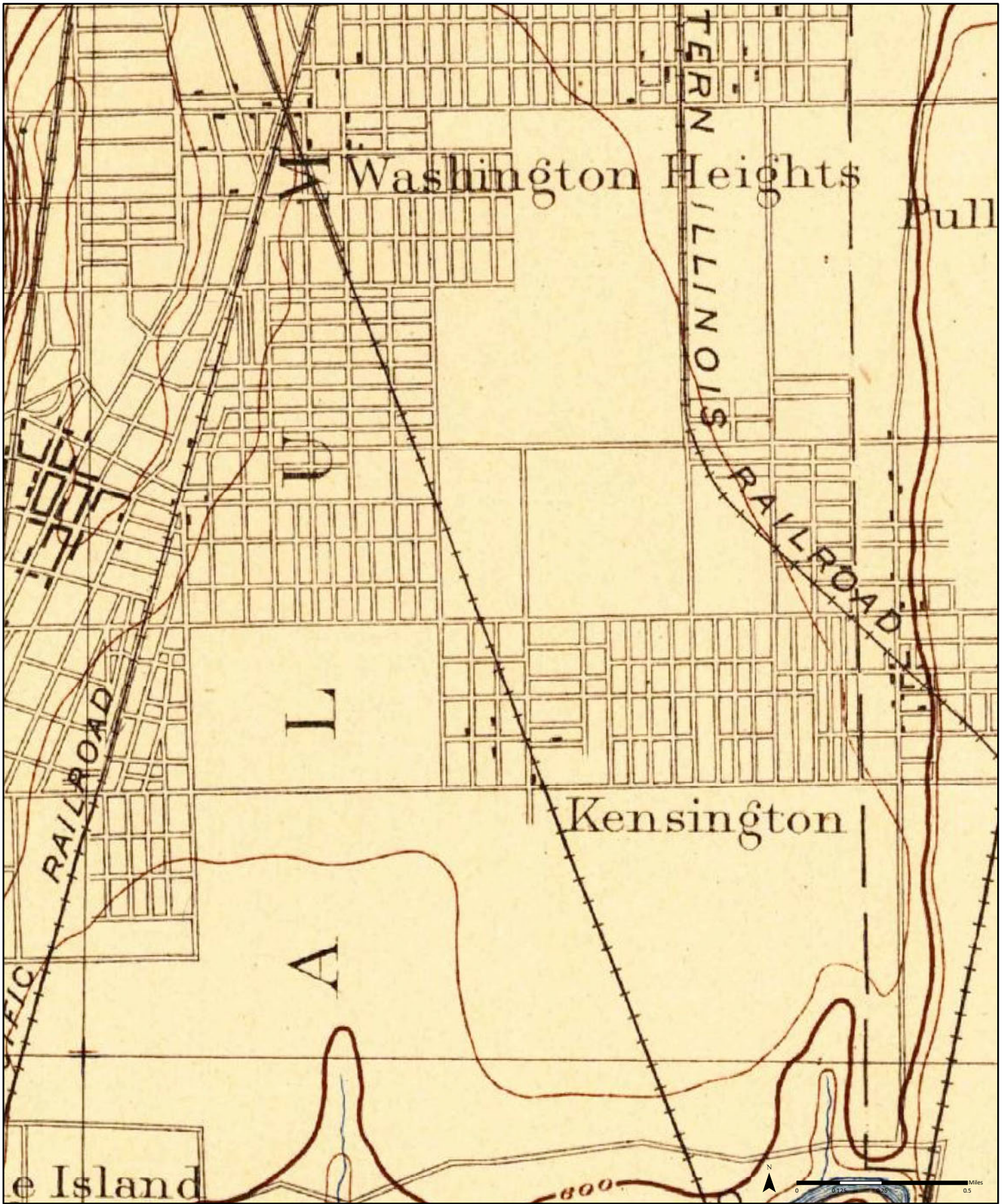
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS.

This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services

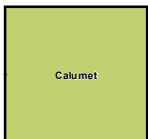
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1892

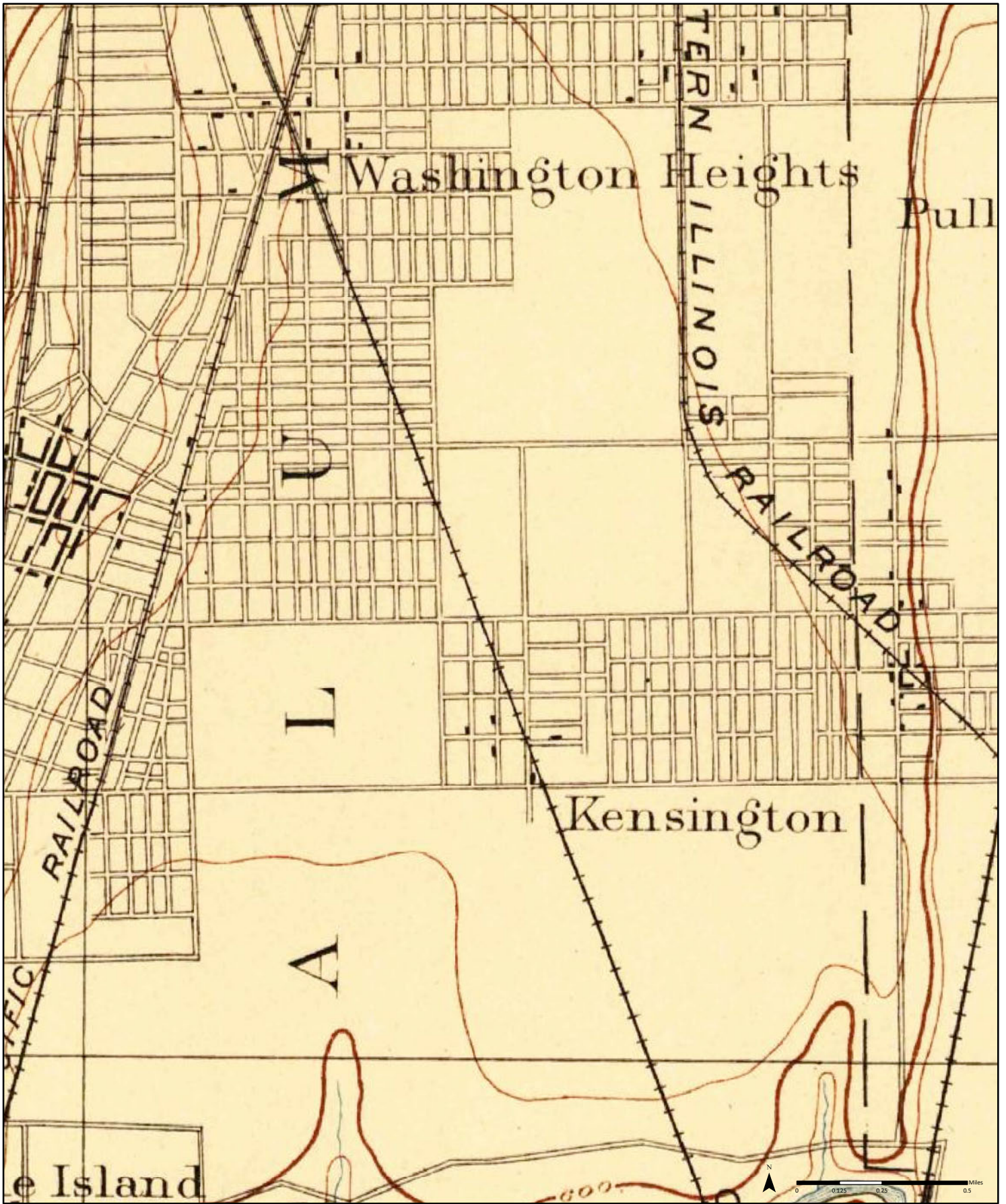
Order No. 23101300130



Available Quadrangle(s): Calumet, IL

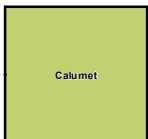
Source: USGS 15 Minute Topographic Map





1893

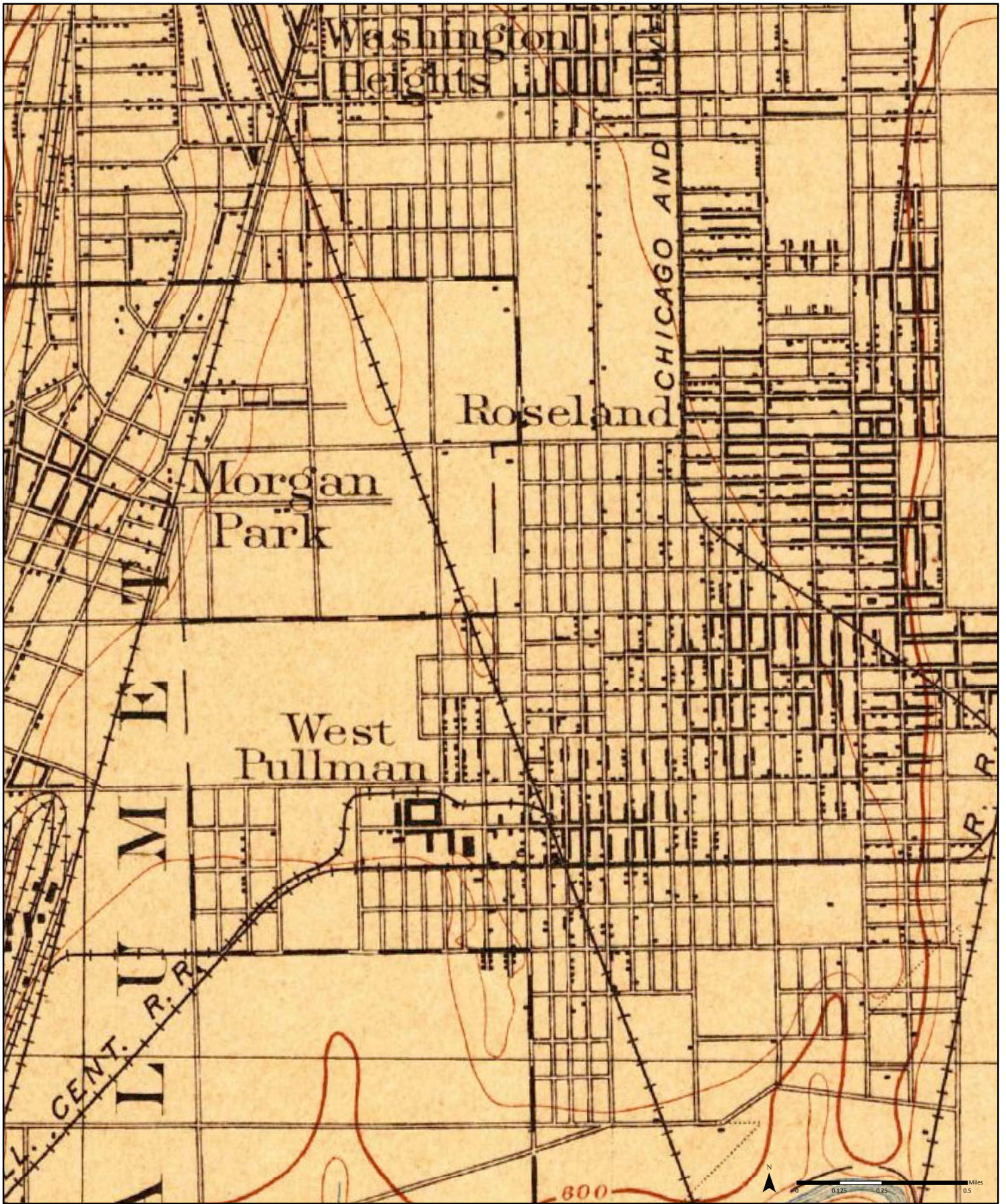
Order No. 23101300130



Available Quadrangle(s): Calumet, IL

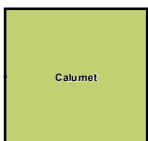
Source: USGS 15 Minute Topographic Map





1900

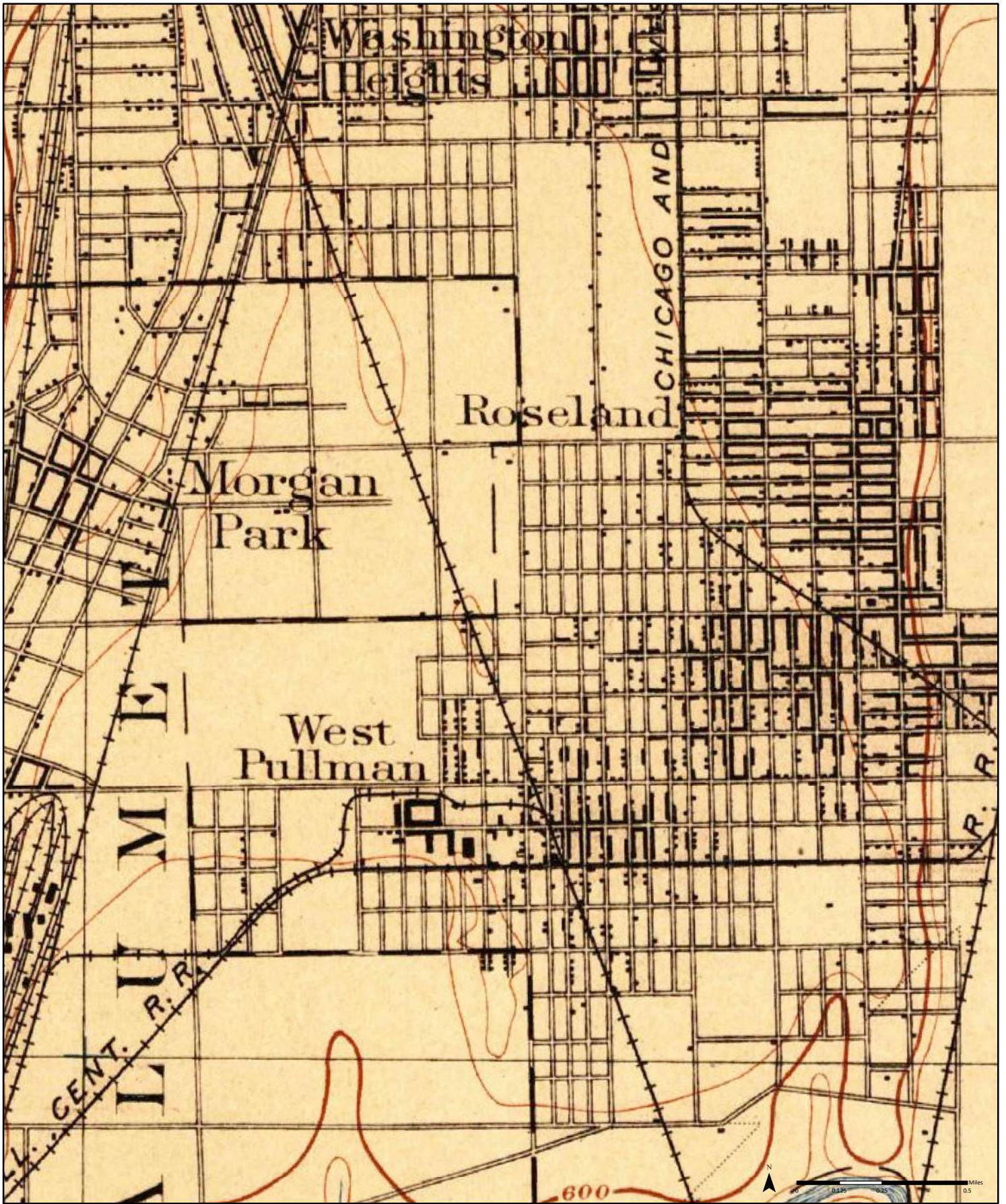
Order No. 23101300130



Available Quadrangle(s): Calumet, IL

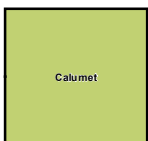
Source: USGS 15 Minute Topographic Map





1901

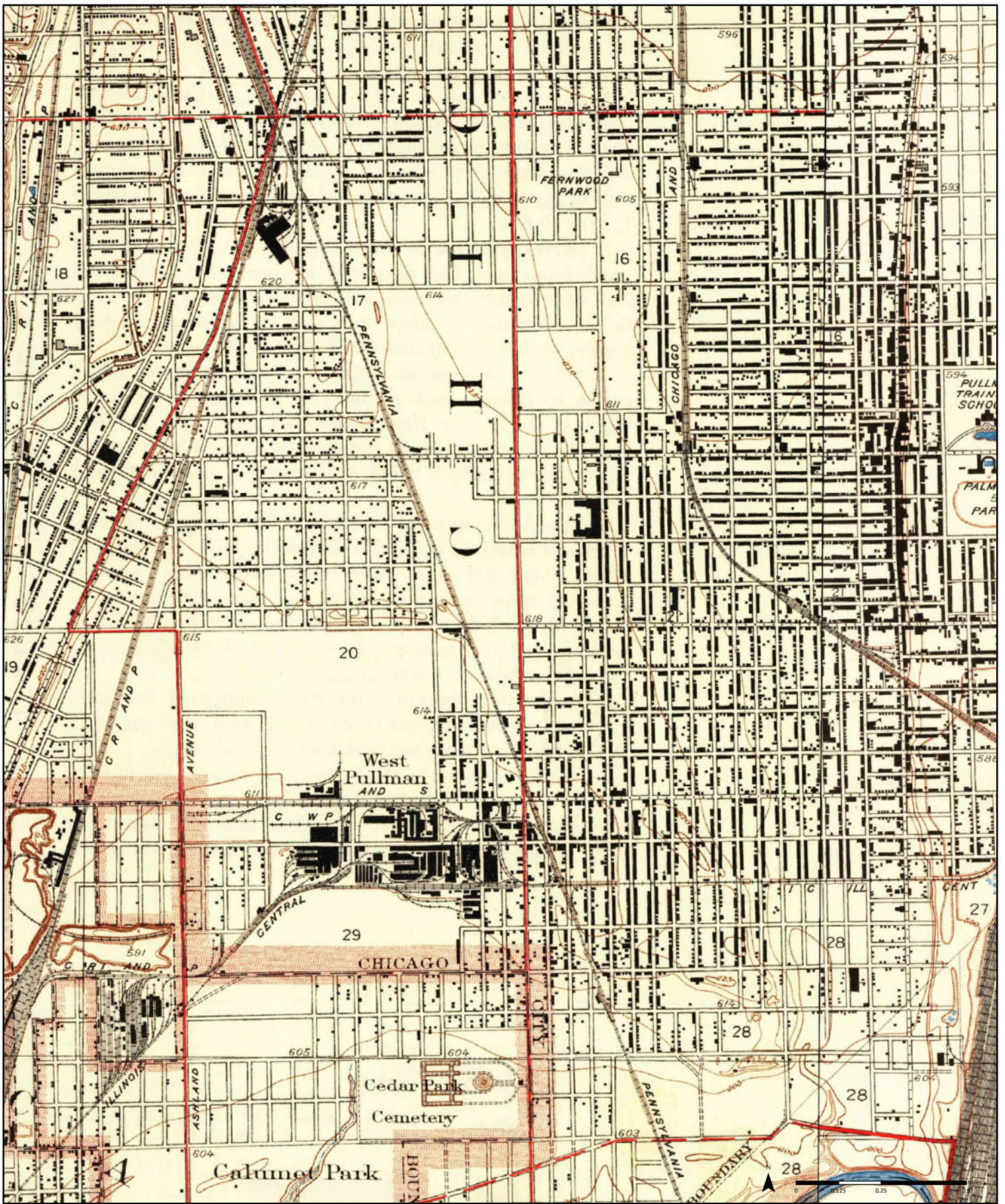
Order No. 23101300130



Available Quadrangle(s): Calumet, IL

Source: USGS 15 Minute Topographic Map





1929

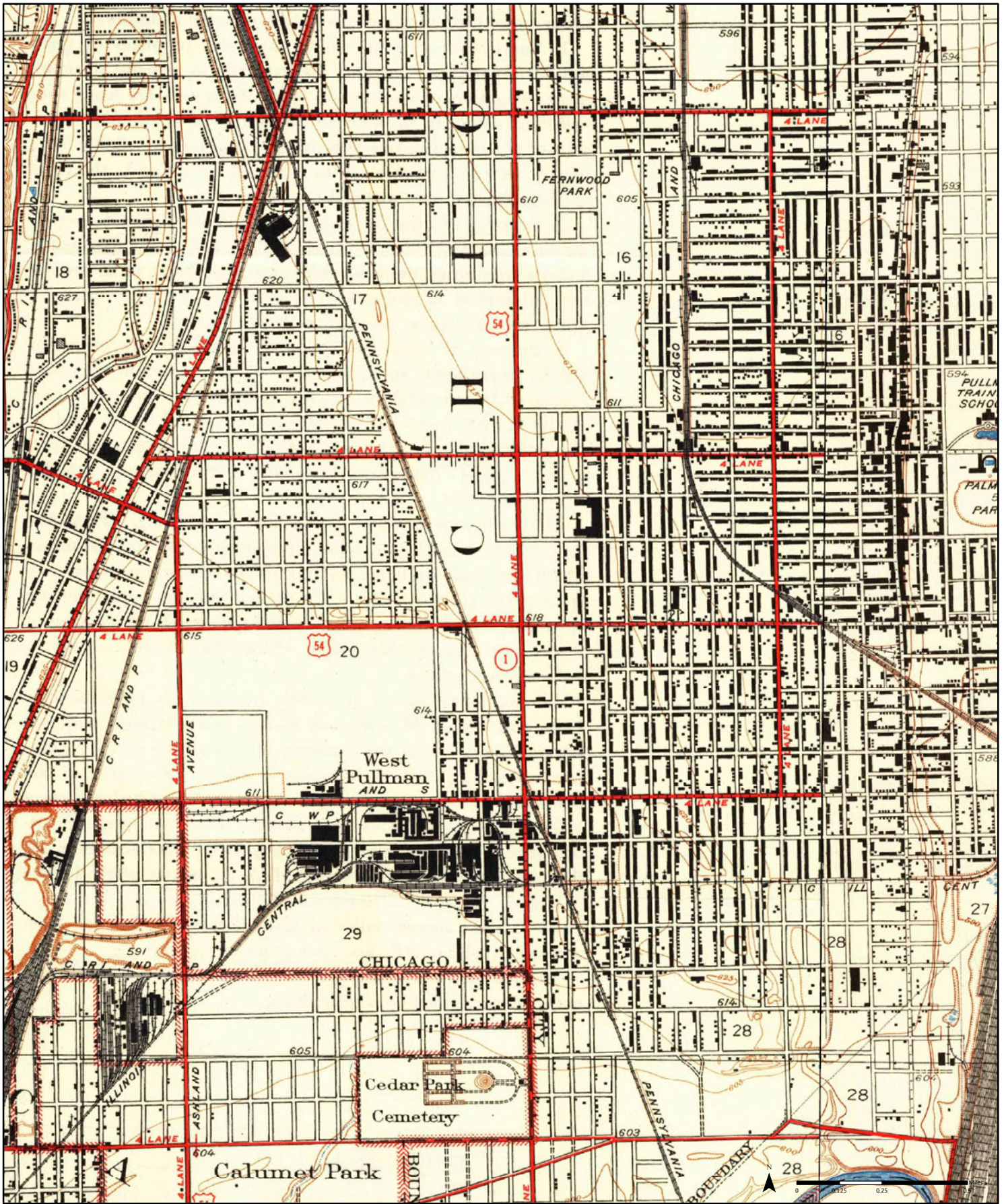
Order No. 23101300130



Available Quadrangle(s): Blue Island, IL
 Calumet Lake, IL

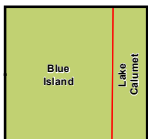
Source: USGS 7.5 Minute Topographic Map





Order No. 23101300130

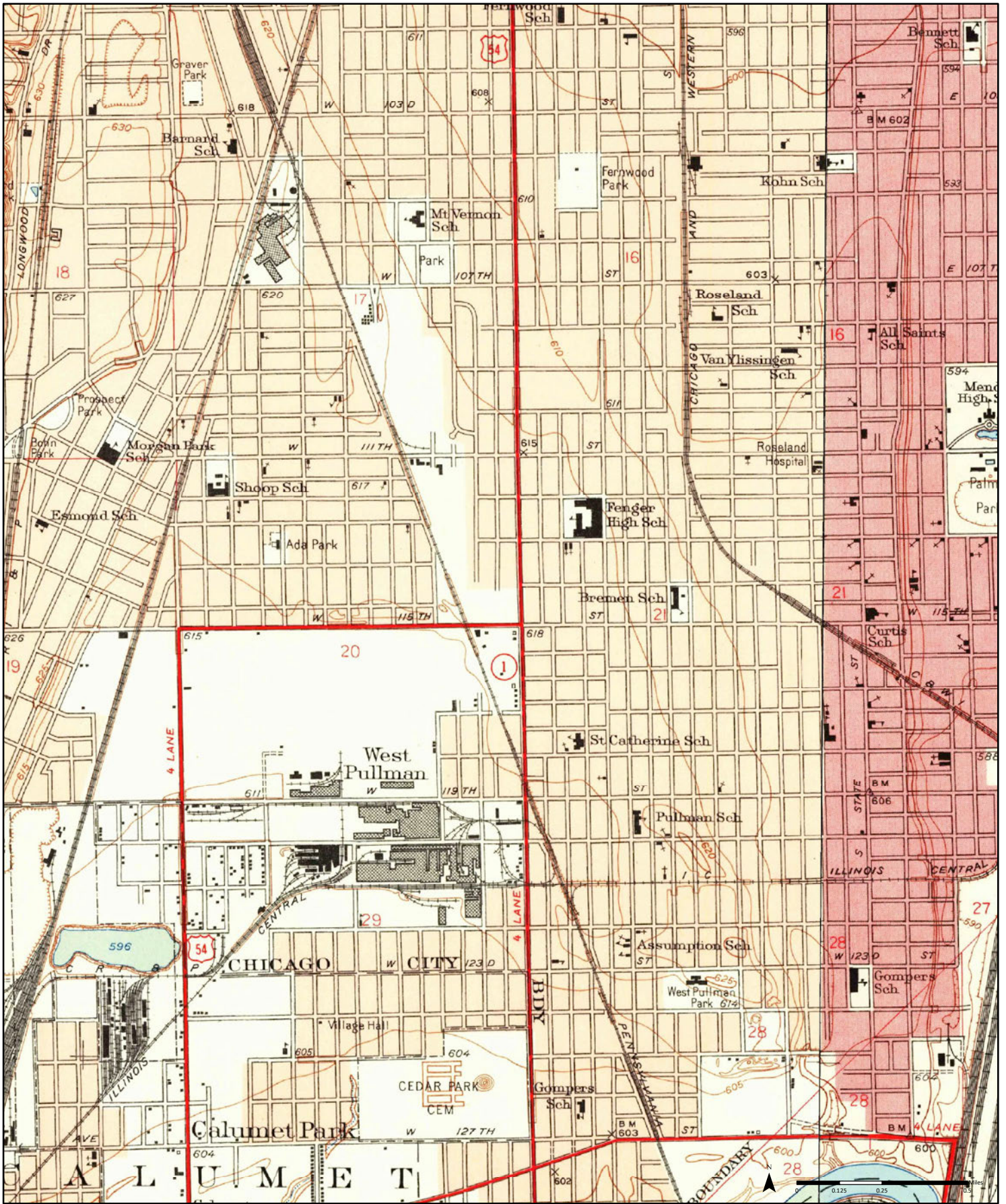
1948



Available Quadrangle(s): Blue Island, IL
Calumet Lake, IL

Source: USGS 7.5 Minute Topographic Map





Order No. 23101300130

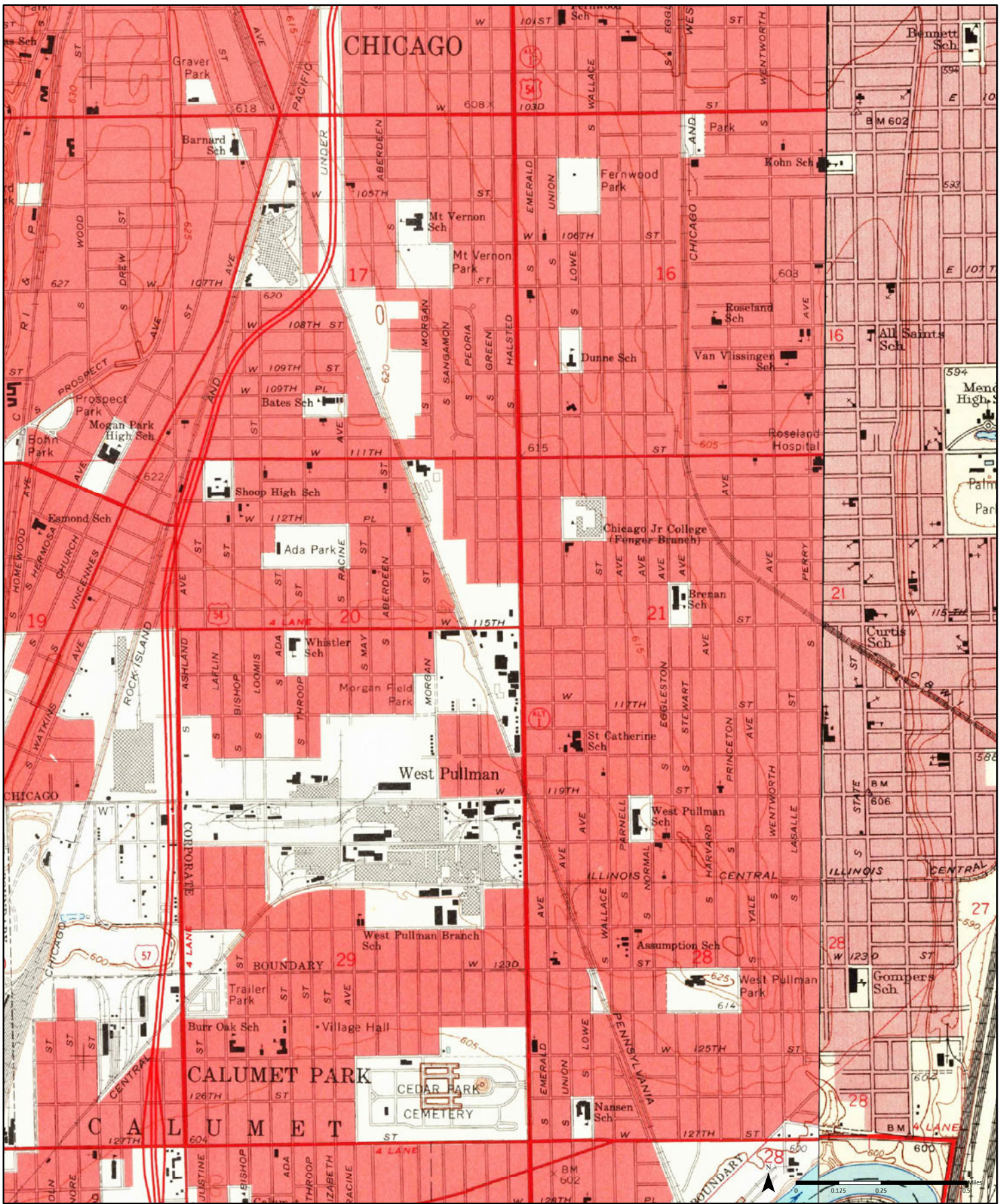
1953



Available Quadrangle(s): Blue Island, IL
Calumet Lake, IL



Source: USGS 7.5 Minute Topographic Map



1963

(1-1963) Aerial Photo Year: 1963

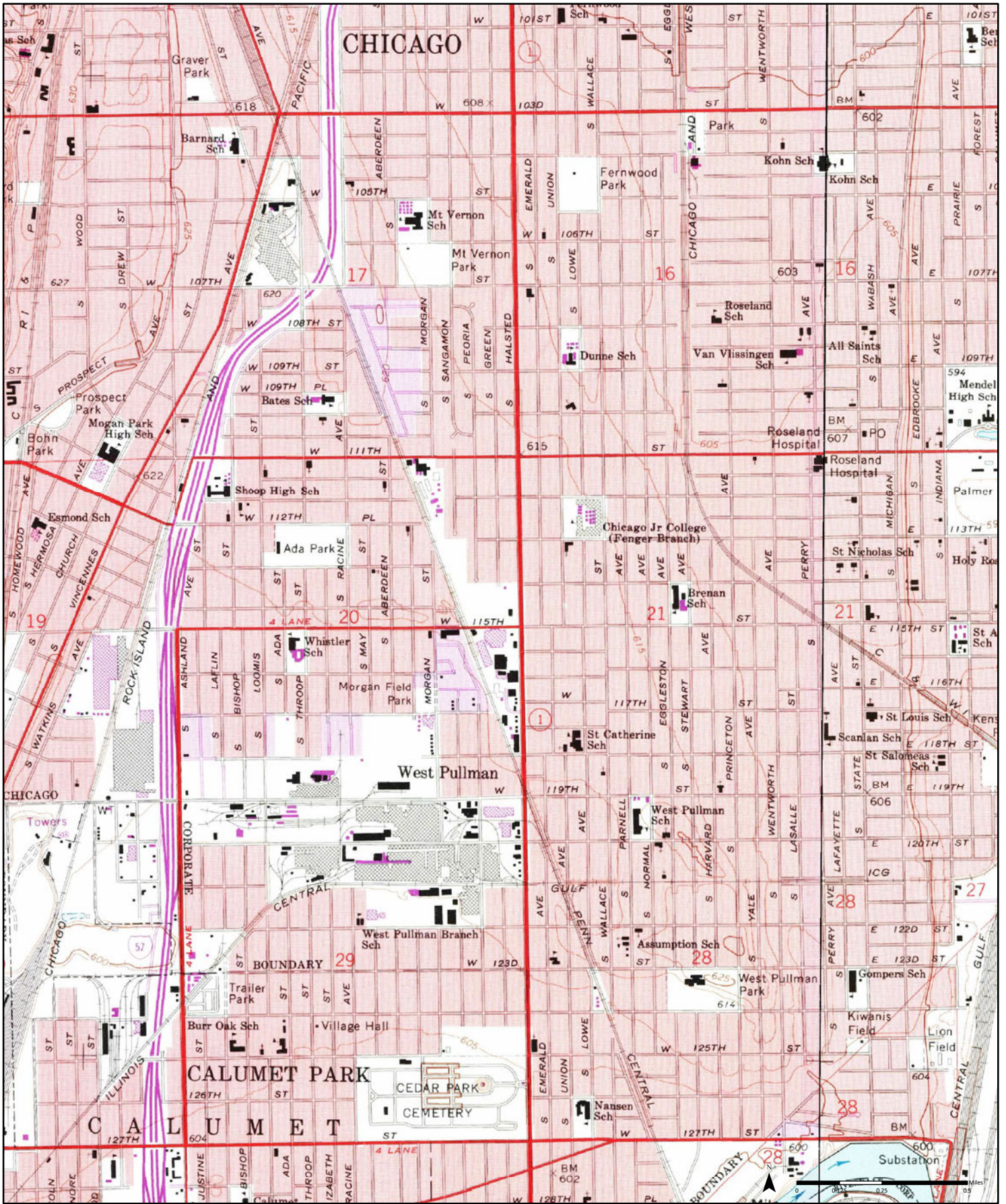
Order No. 23101300130



Available Quadrangle(s): Blue Island, IL(1-1963)
Calumet Lake, IL



Source: USGS 7.5 Minute Topographic Map



1973

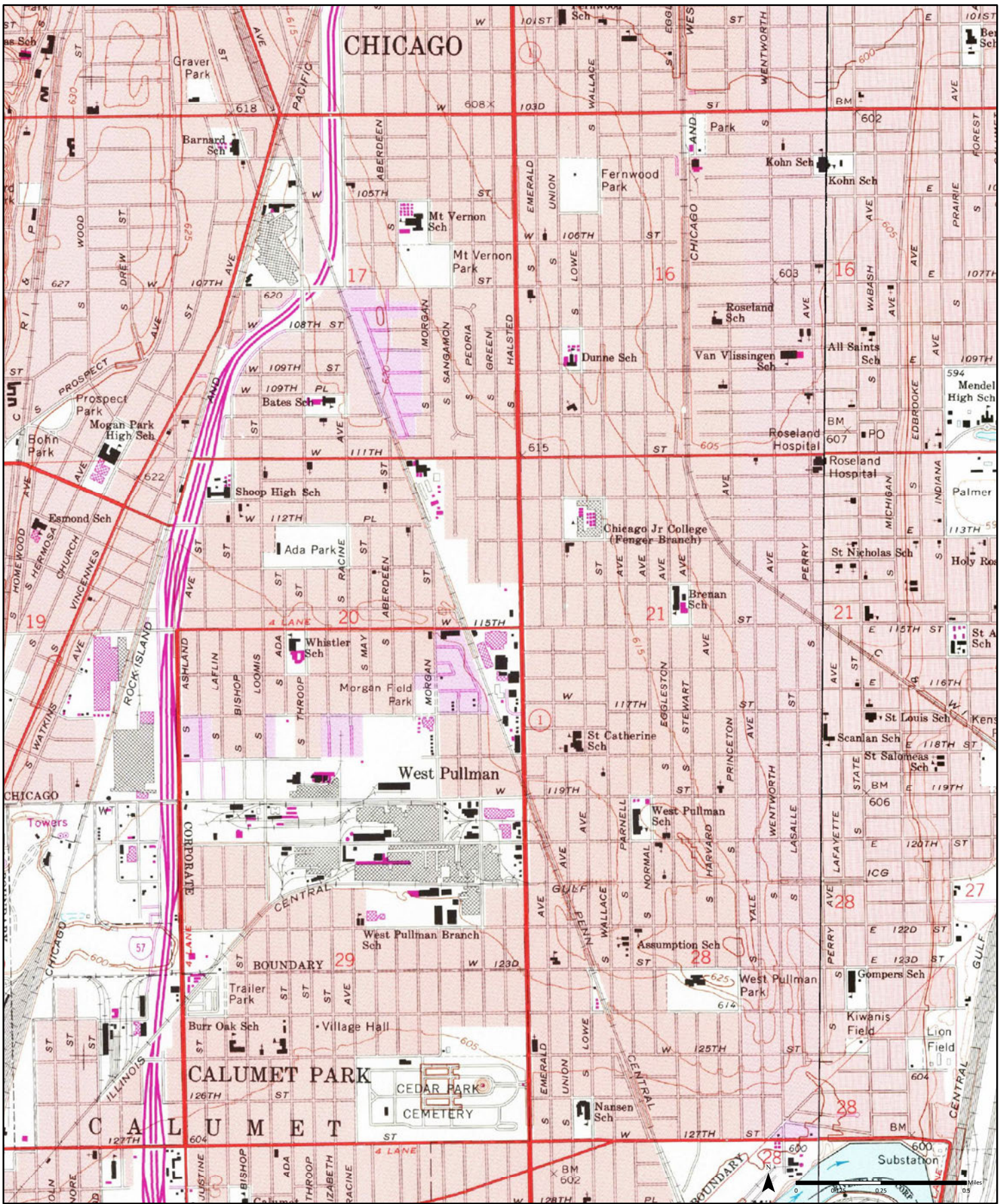
(1-1973) Aerial Photo Year: 1973
 (2-1973) Aerial Photo Year: 1973
 Photo Revision Year: 1973 Photo Revision Year: 1973

Order No. 23101300130



Available Quadrangle(s): Blue Island, IL(1-1973)
 Lake Calumet, IL(2-1973)





1978

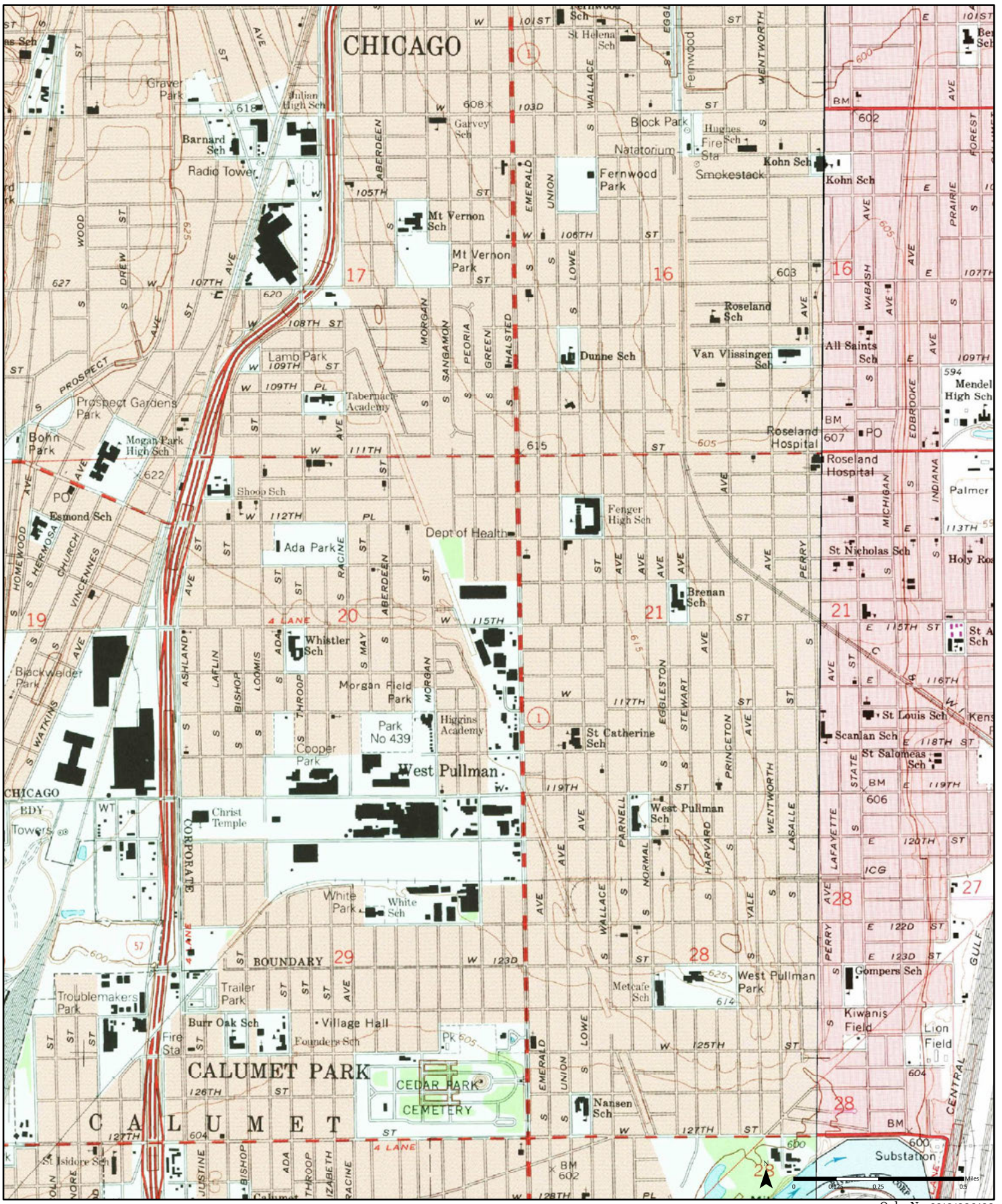
(1-1978) Aerial Photo Year: 1973
 (2-1973) Aerial Photo Year: 1973
 Photo Revision Year: 1973 Photo Revision Year: 1973

Order No. 23101300130



Available Quadrangle(s): Blue Island, IL(1-1978)
 Lake Calumet, IL(2-1973)



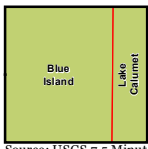


1993

(2-1993) Aerial Photo Year: 1988

(2-1973) Aerial Photo Year: 1973
Photo Revision Year: 1973

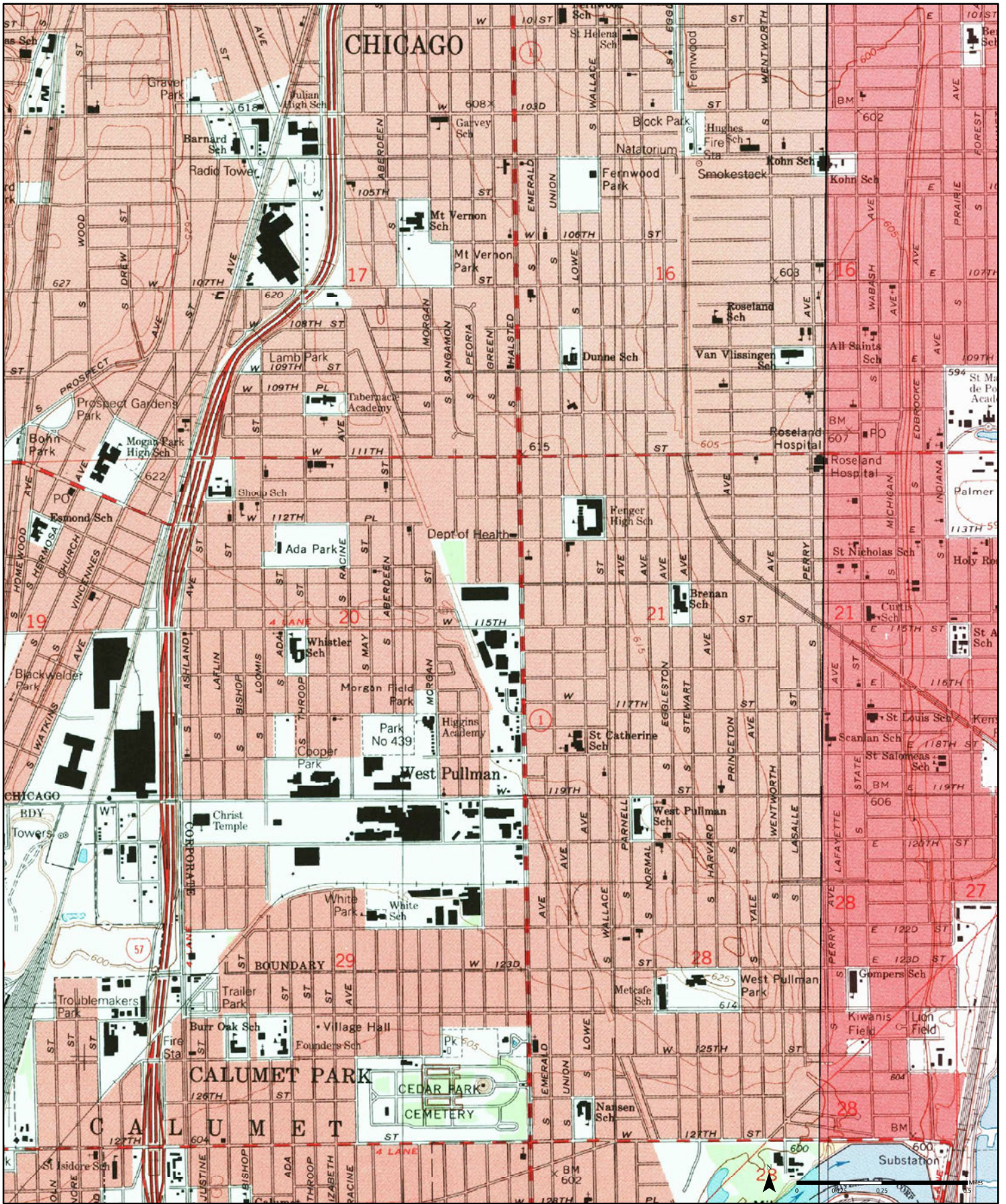
Order No. 23101300130



Available Quadrangle(s): Blue Island, IL(1-1993)
Lake Calumet, IL(2-1973)



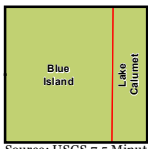
Source: USGS 7.5 Minute Topographic Map



1997

(1-1997) Aerial Photo Year: 1997 (2-1997) Aerial Photo Year: 1997

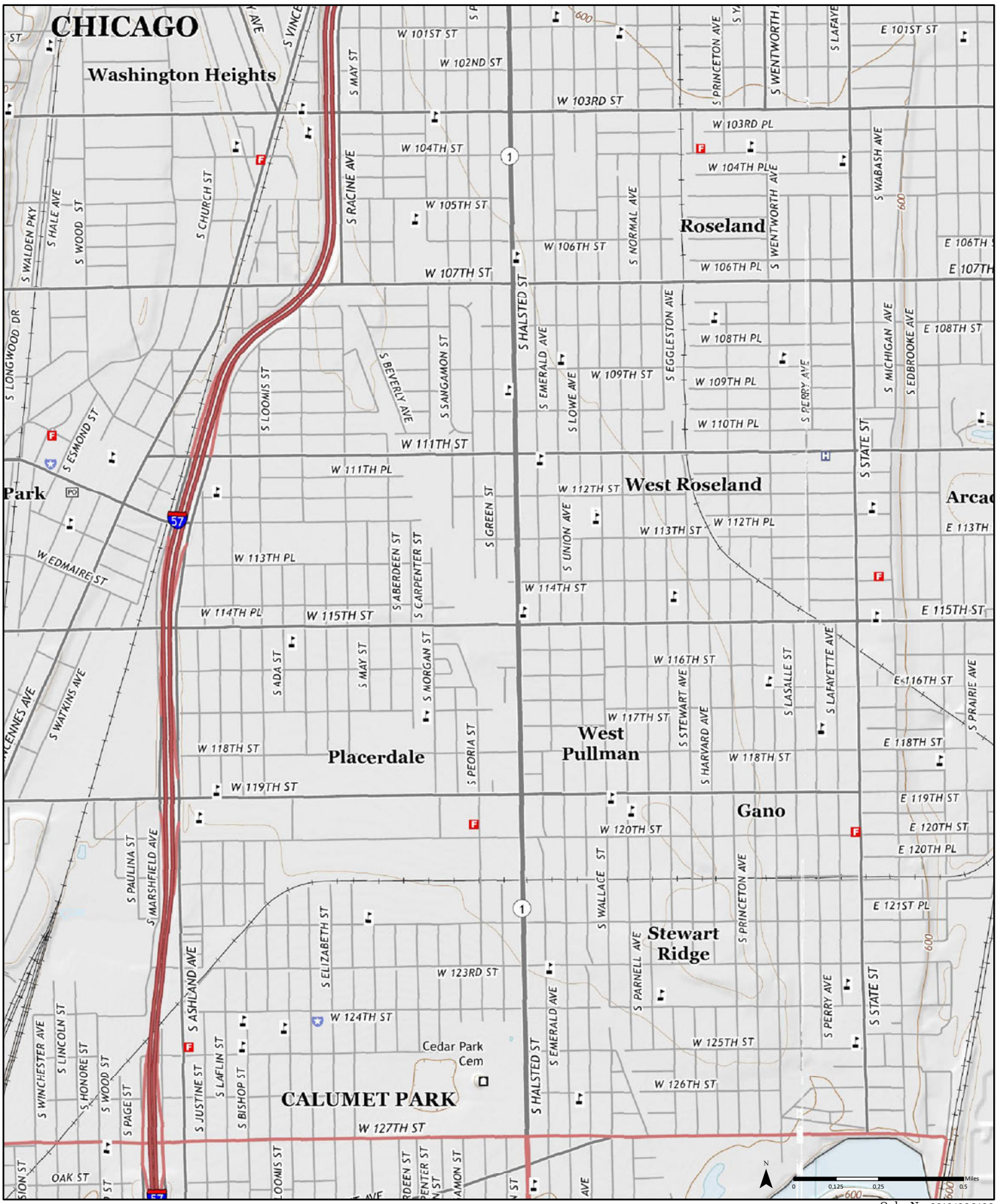
Order No. 23101300130



Available Quadrangle(s): Blue Island, IL(1-1997)
Lake Calumet, IL(2-1997)



Source: USGS 7.5 Minute Topographic Map



2015

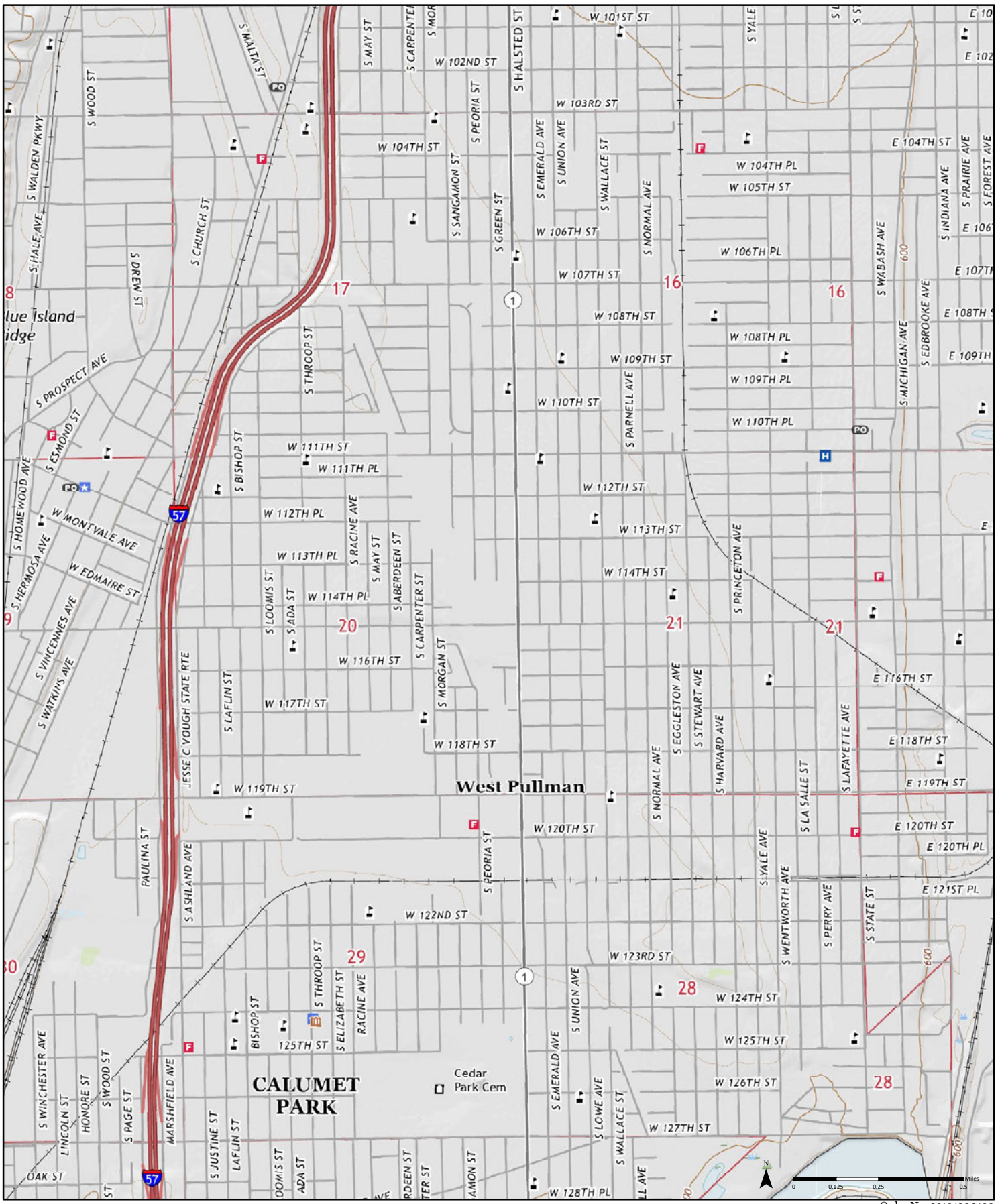
Order No. 23101300130



Available Quadrangle(s): Blue Island, IL
Lake Calumet, IL

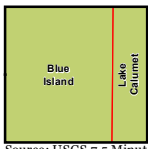
Source: USGS 7.5 Minute Topographic Map





Order No. 23101300130

2021



Available Quadrangle(s): Blue Island, IL
Lake Calumet, IL



Source: USGS 7.5 Minute Topographic Map

Appendix I

Aerial Photographs



HISTORICAL AERIALS

Project Property: 2023.3080-Commercial/Industrial
I Property 11414 S. Halsted Chicago IL 60628
11414 S Halsted St
Chicago IL 60628

Project No: 2023.3080-Commercial/Industrial Property 11414 S.

Requested By: A3 Environmental, LLC

Order No: 23101300130

Date Completed: October 16,2023

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Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

| Date | Source | Scale | Comments |
|-------------|---|--------------|-----------------|
| 1938 | Agricultural Stabilization & Conserv. Service | 1" = 500' | |
| 1952 | United States Geological Survey | 1" = 500' | |
| 1959 | United States Geological Survey | 1" = 500' | |
| 1962 | United States Geological Survey | 1" = 500' | |
| 1967 | United States Geological Survey | 1" = 500' | |
| 1973 | United States Geological Survey | 1" = 500' | |
| 1984 | United States Geological Survey | 1" = 500' | |
| 1990 | Northeastern II Planning Commission | 1" = 500' | |
| 1999 | United States Geological Survey | 1" = 500' | |
| 2004 | United States Department of Agriculture | 1" = 500' | |
| 2007 | United States Department of Agriculture | 1" = 500' | |
| 2009 | United States Department of Agriculture | 1" = 500' | |
| 2011 | United States Department of Agriculture | 1" = 500' | |
| 2014 | United States Department of Agriculture | 1" = 500' | |
| 2017 | United States Department of Agriculture | 1" = 500' | |
| 2019 | United States Department of Agriculture | 1" = 500' | |
| 2021 | MAXAR TECHNOLOGIES | 1" = 500' | |

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

500
Feet



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1952
Source: USGS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1959
Source: USGS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1962
Source: USGS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1967
Source: USGS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1973
Source: USGS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1984
Source: USGS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1990
Source: NEIPC
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 1999
Source: USGS
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 2007
Source: USDA
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



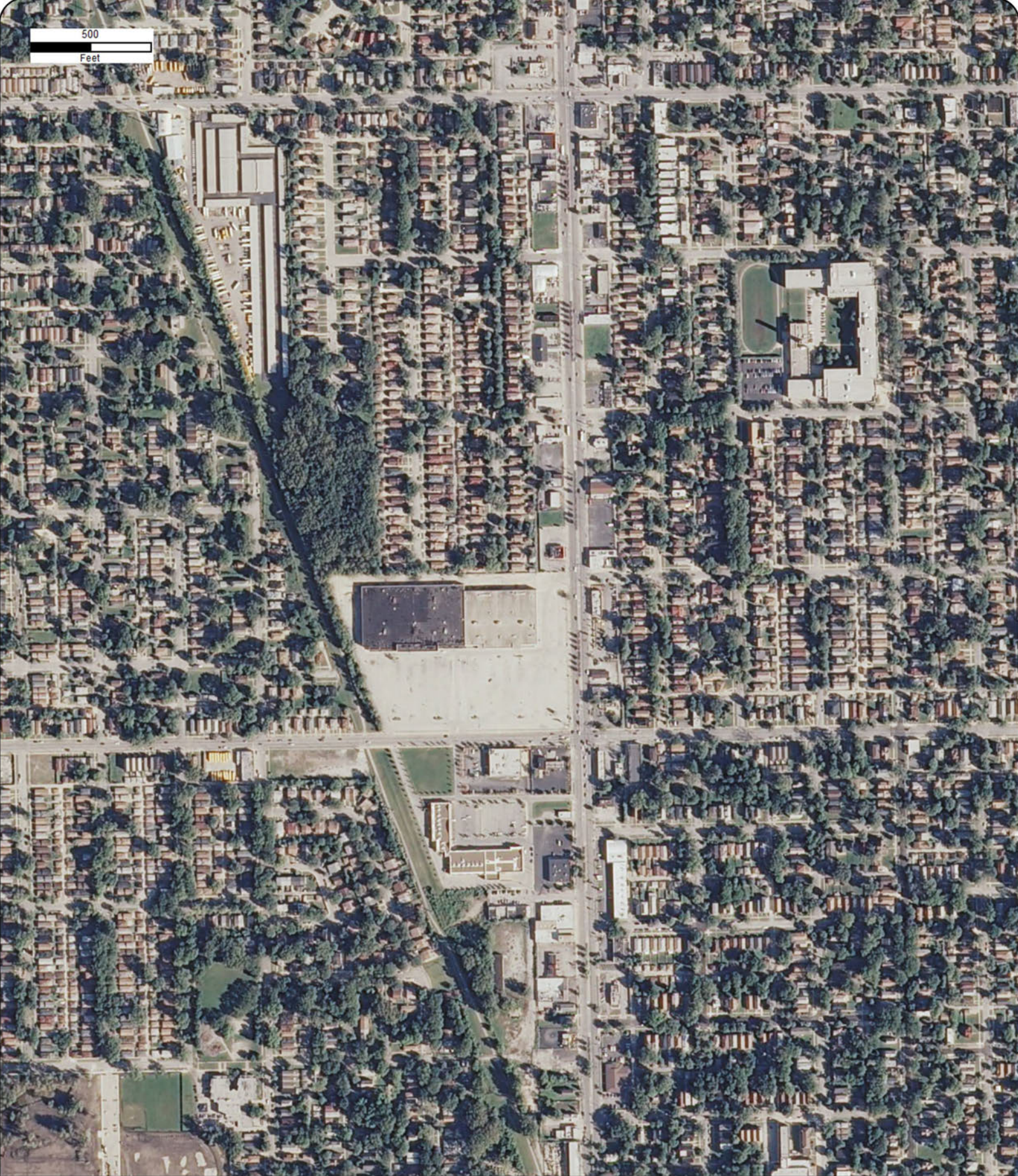
Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



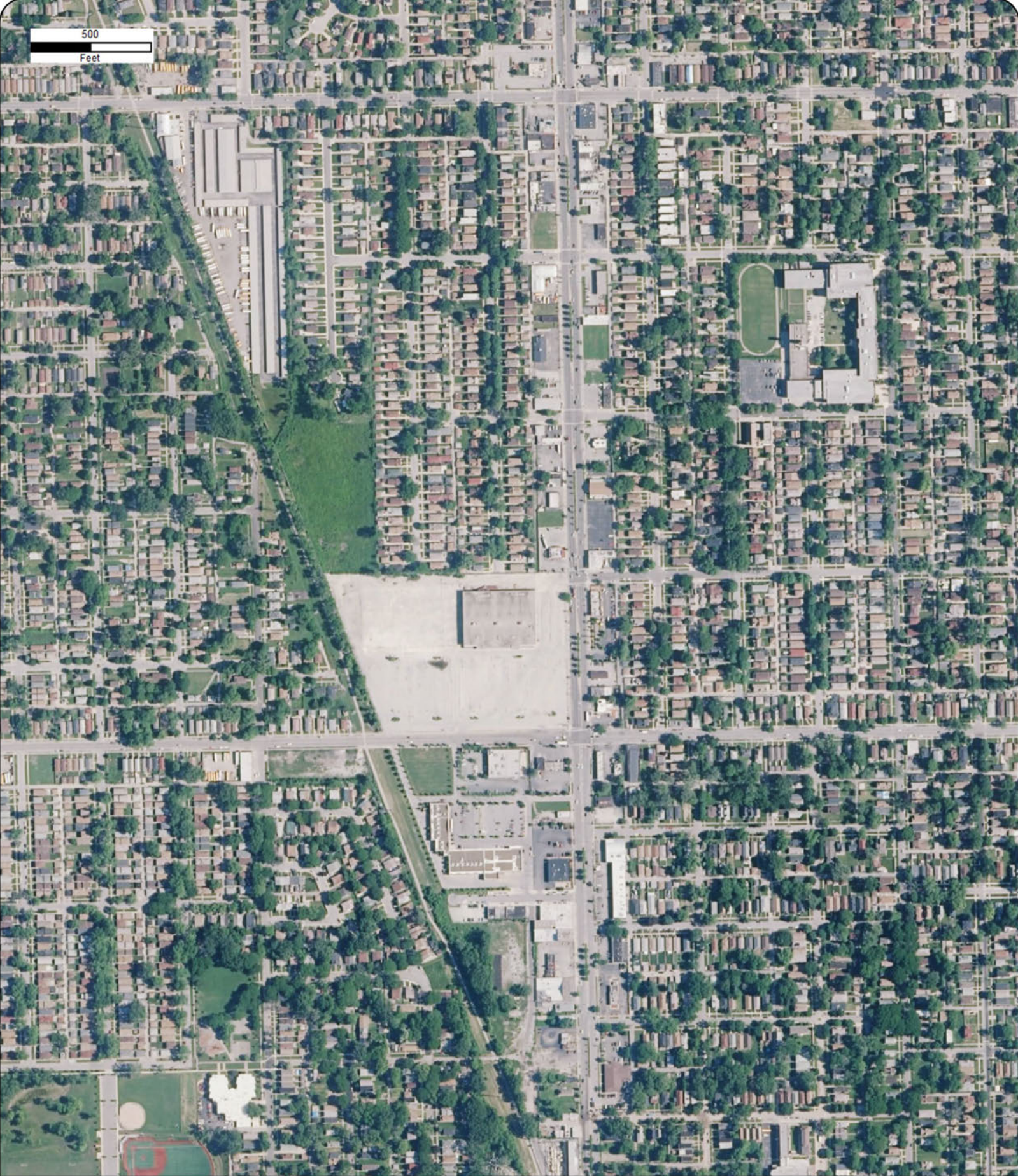
Year: 2011
Source: USDA
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



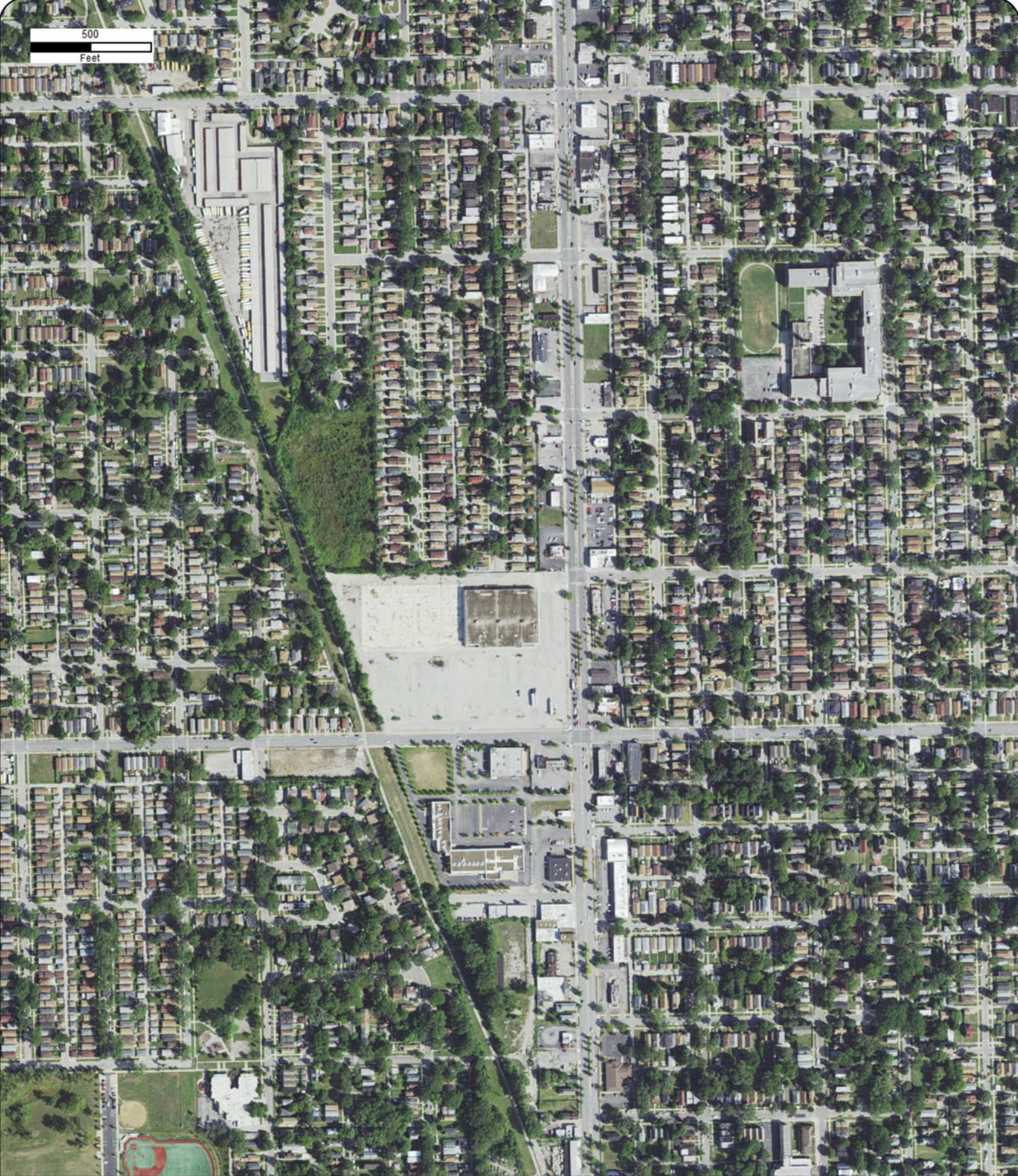
Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



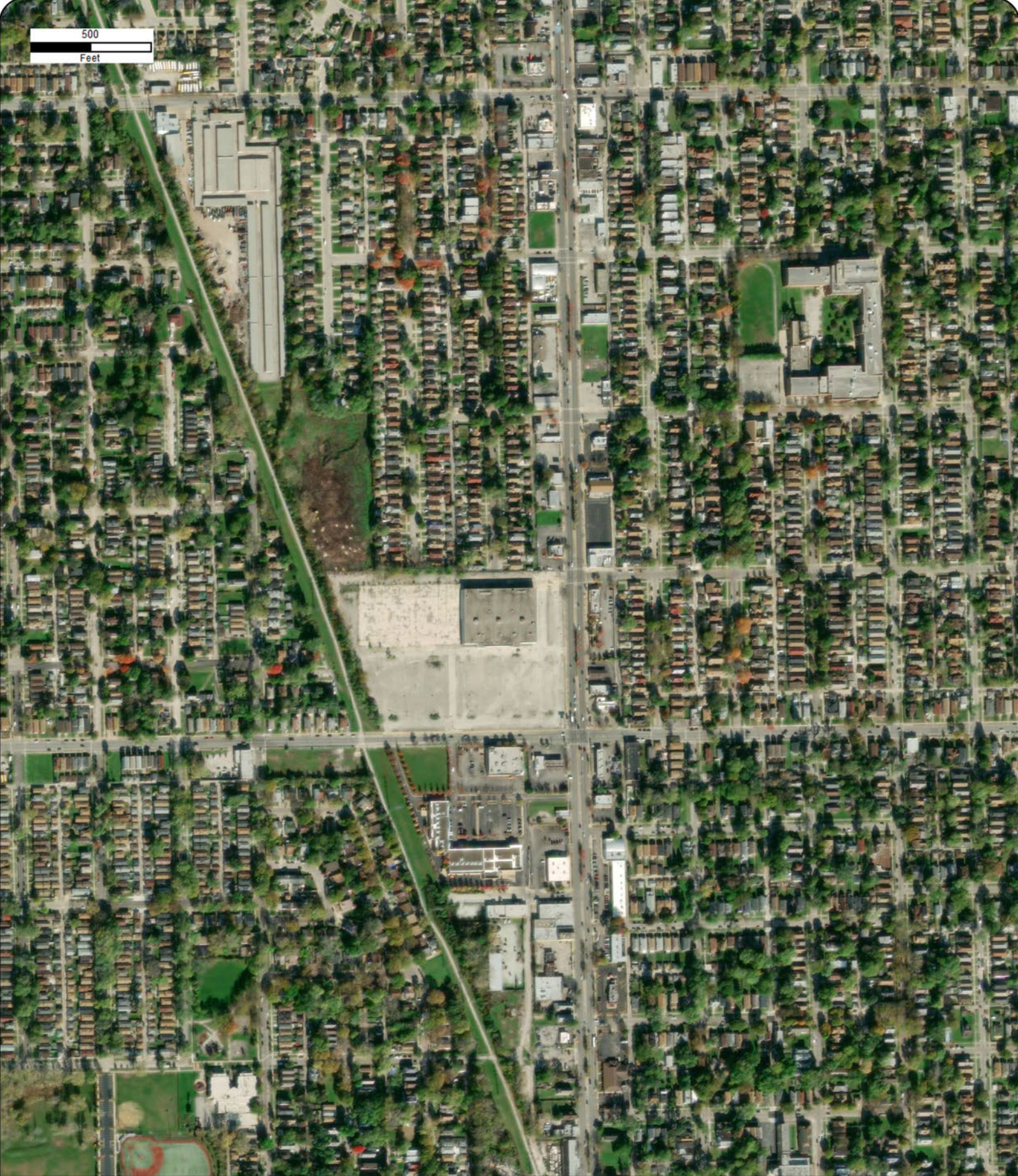
Year: 2019
Source: USDA
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



500
Feet



Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 11414 S Halsted St, Chicago, IL
Approx Center: -87.64316748,41.68600554

Order No: 23101300130



Appendix J

Figures



Apx. Property Boundaries
 Pins: 25-20-226-017,
 25-20-226-018
 Land Use: Commercial/Industrial

Imagery Adopted from Google Earth Pro
 Parcel Data from ERIS Database Report



- Legend**
- - - Site Property Boundary
 - - - Adjacent Property Boundary
- LAND USE INFORMATION**
- / / / Subject Property Identified In The TANKS CHICAGO Federal/State Database
 - From 1939-1950 Fire Insurance Maps
 - From 1975 Fire Insurance Map
 - From 1987 Fire Insurance Map

Figure 2

Commercial/Industrial Property
 11414 S Halsted St, Chicago, IL 60628

Site Area Map

| | |
|-------------|-----------------|
| Project No. | 2023.3080 |
| Date | 10.23.2023 |
| Drawn By | O. Frickenstein |
| Scale | 1" = 150' |

Prepared For:
 Roux, Inc.
 1301 W. 22nd St., Suite 800, Oakbrook, IL 60523



Pin: 25-20-226-017

Pin: 25-20-226-018

±67,000 SF
Commercial/Industrial
Building

S Halsted St

W 115th St

Imagery Adopted from Google Earth Pro
Parcel Data from ERIS Database Report

Legend



--- Site Property Boundary



Figure 3

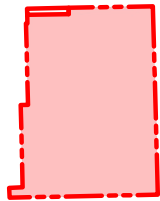
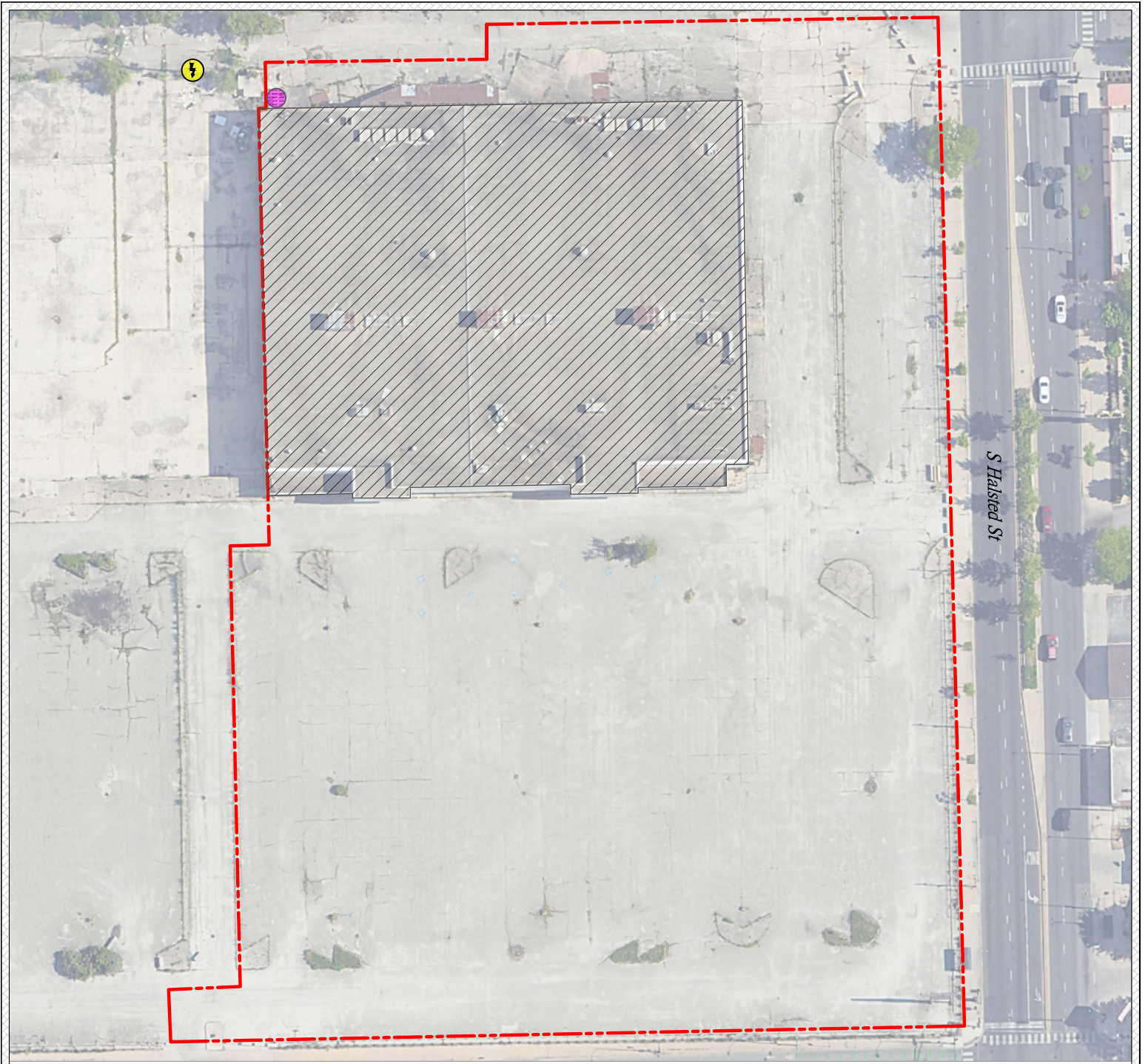
Commercial/Industrial Property
11414 S Halsted St, Chicago, IL 60628

Site Detail Map

Prepared For:
Roux, Inc.
1301 W. 22nd St., Suite 800, Oakbrook, IL 60523

| | |
|-------------|-----------------|
| Project No. | 2023.3080 |
| Date | 10.23.2023 |
| Drawn By | O. Frickenstein |
| Scale | 1" = 90' |





Parcel Legend

Imagery Adopted from Google Earth Pro
Parcel Data from ERIS Database Report



Legend

- - - Site Property Boundary
- Pole Mounted Transformer(s)
- Electrical Piping

Figure 4a

Commercial/Industrial Property
11414 S Halsted St, Chicago, IL 60628

Parcel # 25-20-226-018 Detail Map

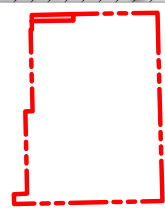
| | |
|-------------|-----------------|
| Project No. | 2023.3080 |
| Date | 10.23.2023 |
| Drawn By | O. Frickenstein |
| Scale | 1" = 90' |

Prepared For:
Roux, Inc.

1301 W. 22nd St., Suite 800, Oakbrook, IL 60523



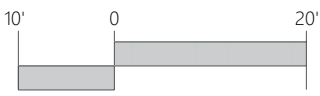
S Green St



Parcel Legend

Imagery Adopted from Google Earth Pro
Parcel Data from ERIS Database Report

Legend



--- Site Property Boundary

Figure 4b

Commercial/Industrial Property
11414 S Halsted St, Chicago, IL 60628

Parcel # 25-20-226-017 Detail Map

| | |
|-------------|-----------------|
| Project No. | 2023.3080 |
| Date | 10.23.2023 |
| Drawn By | O. Frickenstein |
| Scale | 1" = 20' |

Prepared For:
Roux, Inc.
1301 W. 22nd St., Suite 800, Oakbrook, IL 60523

