



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

(847) 294-4000  
Fax: 847/ 294-4018

June 24, 2020

General Iron Industries, Inc.  
Attn: Jim Kallas  
1909 North Clifton Avenue  
Chicago, Illinois 60614

Re: 0316005904 - Cook County  
General Iron Industries LLC  
Compliance File

Dear Mr. Kallas:

On May 13, 2020, an inspection of the above referenced site was conducted by Donna Czech representing the Illinois Environmental Protection Agency. The purpose of this inspection was to determine your facility's compliance with Illinois law and regulations related to solid waste management, as well as any solid waste permits the Illinois EPA has issued to your facility.

No violations were noted at the time of this inspection. For your information, a copy of the inspection report is enclosed. Please contact Donna Czech at (847) 294-4067 if you have any questions regarding this inspection.

Sincerely,

Gino Bruni, Environmental Protection Specialist IV  
Field Operations Section  
Bureau of Land

Enclosure

cc: Bureau of Land File

Bureau of Land – Field Operations Section  
**Evaluation Report**

**General Facility Information**

<b>BOL ID:</b>	0316005904	<b>Region:</b>	Des Plaines
<b>USEPA ID:</b>	ILD025136094	<b>County:</b>	Cook
<b>Site Name:</b>	GII LLC	<b>Phone:</b>	847-508-9170
<b>Address:</b>	1909 N Clifton Ave	<b>Latitude:</b>	41.91575
<b>City/State/Zip:</b>	Chicago, IL 60614	<b>Longitude:</b>	-87.65819
<b>Permit No(s):</b>	None		
<b>Regulated As:</b>	Metal Scrap Recycler		
<b>Operational Status:</b>	Active		

Owner	Operator
GII LLC 1909 N Clifton Ave Chicago, IL 60614	GII LLC 1909 N Clifton Ave Chicago, IL 60614

**Evaluation Details**

<b>Evaluation Type</b>	Other
<b>Evaluation Date</b>	5/13/2020
<b>Inspector(s)</b>	Czech, Donna; Delgado, Daniel
<b>Person(s) Interviewed</b>	Jim Kallas; Jeff Jones
<b>Previous Inspection Date</b>	10/25/2018

**Observations**

<b>Time</b>	1000 - 1330
<b>Weather Conditions (Description)</b>	Sunny, Clear
<b>Temperature (°F)</b>	60 F
<b>Samples Collected (Yes/No)</b>	No
<b>Photos Taken (Yes/No)</b>	No

## Executive Summary

A solid waste inspection was conducted by Donna Czech on May 13, 2020 at GII LLC (dba General Iron) in Chicago. The inspection was conducted pursuant to a request from the Director's office that a multi-media inspection be conducted at the subject site as soon as possible. Daniel Delgado from the Agency's Bureau of Air also participated in the inspection. The site is a scrap metal recycling yard. The following individuals were interviewed during the inspection: Jeff Jones, the yard supervisor, and Jim Kallas, the environmental manager. No apparent violations were observed.

## Evaluation Narrative

On May 13, 2020 a solid waste inspection was conducted at General Iron by Donna Czech of the Agency's Bureau of Land (BOL). The inspection was conducted pursuant to a request from the Director's office that a multi-media inspection be conducted at the subject site as soon as possible. Daniel Delgado from the Agency's Bureau of Air (BOA) also participated in the inspection. The inspectors interviewed Jeff Jones, the yard supervisor, and Jim Kallas, the environmental manager. The weather conditions were sunny and clear and the temperature was approximately 60 F.

The Agency inspectors met each other outside the subject site at approximately 10:00am. They walked several blocks around the perimeter of the site attempting to detect off-site odors, dust or other particulate matter, and litter. No nuisance odors, dust or litter were observed outside the facility. Facility employees were sweeping the sidewalks to control litter.

The inspectors were met outside the facility by the yard supervisor, Jeff Jones. Mr. Jones accompanied the inspectors to the coal yard where incoming trucks get weighed and then they return empty to be weighed prior to leaving the site. Piles of steel are stored there before they are transported by truck to a steel yard.

The inspectors were then allowed to wait inside the main building for Jim Kallas, the environmental manager. Mr. Kallas was not on site at the time the inspectors arrived. When Mr. Kallas arrived on site, he invited the inspectors into a conference room where they interviewed him.

General Iron is a scrap metal recycling yard that buys copper, brass and aluminum, light iron, stainless steel, cast iron, tin and many other types of metal. Examples of the materials received by the facility include crushed automobiles, white goods, electronic waste (only incidentally), scrap metal from construction/demolition activity, metal turnings from machine shops, lead acid batteries and ballasts.

When asked about the management of auto fluff on site, Mr. Kallas explained that End-of-Life Vehicles (ELVs) are delivered to General Iron via flatbed trailer and unloaded by General Iron cranes. ELVs are then periodically loaded onto the shredder conveyor along with other miscellaneous scrap. The scrap materials, including ELVs, are then processed by the metal shredding system that reduces the size of the scrap and separates ferrous metal (steel and iron) from non-ferrous materials. The non-ferrous material generated by the shredder is processed at the non-ferrous plant to separate the non-ferrous metals (aluminum, copper, zinc, brass, etc.) from non-metallic waste material (fluff).

Ferrous metals are transported by truck or barge to steel mills and non-ferrous metals are shipped by truck or overseas container to smelters, mills or other recycling facilities. The fluff is sent to Newton County Landfill in Brook, Indiana for land disposal. The shredder processes 2,000 tons of scrap metal in a day. Approximately 740,000 tons of scrap metal are processed in a year. The non-ferrous plant

produces approximately 550 tons of fluff in a day. About 22 truckloads of fluff are transported to Indiana every day. Approximately 165,000 tons of fluff are generated in a year.

The fluff is a dense material with a consistency similar to wood chips. It contains small pieces of glass, plastic, foam, etc. The fluff is conveyed directly from the sorting process into a three walled bin with a roof over it so it is virtually impossible for this material to become airborne and be blown off site by the wind. In addition, water is sprayed into the shredding unit as a dust suppressant so the fluff coming out of the shredder is very damp which also weighs this material down.

Mr. Kallas accompanied the inspectors on a tour of the main yard where piles of separated metals are stored. He also took them up to the top of the shredder building to view the shredding process from above.

No apparent violations were observed. The inspectors left the site at approximately 1:30pm.

<b>Summary of Apparent Violation(s)</b>			
<b>Status</b>	<b>Date Cited</b>	<b>Violation</b>	<b>Narrative</b>
None Observed			

<b>Attachment Listing</b>		
<b>ID</b>	<b>Type</b>	<b>Description</b>
No Attachments		



Site Diagram(s)

Site Diagram 1: May 13, 2020 • GII LLC (0316005904) • Cook County

