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MAWILADEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Scheduled Inspection

P096449843

FACILITY: City Recycling Inc.		SRN / ID: P0964
LOCATION: 1943 Mack, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT: Mark Jr. Wierszewski , Owner		ACTIVITY DATE: 08/08/2019
STAFF: Gerald Krawiec	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection for FY 2019		
RESOLVED COMPLAINTS:		

AQD staff conducted a scheduled inspection for FY 2019 of City Recycling Inc., located at 1943 Mack in the City of Detroit. The purpose of the inspection is to determine the facility's compliance with applicable state and federal air pollution rules and regulations. Owner, Mark Wierszewski Jr., accompanied AQD staff on the inspection.

## Background:

City Recycling is a family owned business operating in this location since 1992. The site holds a current business license for its metal recycling/scrap processing business issued by the City of Detroit, Buildings, Safety Engineering and Environmental Department.

## Complaint History:

The file has 2 complaints for open burning that were received in May and June 2018. Both complaints were filed with Jenifer Dixon in Lansing and referred to the Detroit Office, both allegations came from the same person living near the facility.

Multiple (17) observations/drive-by inspections did not yield any evidence of open burning, fugitive dust or any issue within AQD's jurisdiction. Although, I talked with the complainant on 2 occasions, giving him my contact information, he never called with additional complaints.

Complaints were resolved on 8/22/2018.

## Facility Description:

City Recycling receives and process mainly shred, industrial and demolition metal scrap varying in size, quality and shape. The facility routinely receives various grades of steel and other ferrous (containing iron) and non-ferrous metals.

These materials are all temporarily stored in the yard, while undergoing processing and transport offsite by truck. City Recycle processes these materials to fit into steel mills for recycling. Recyclable metal scrap is delivered on a nearly daily basis to this facility by truck, each of which is weighed onsite before unloading. The company does not accept scrap containing oil or flammable coatings, nor does it accept carbonaceous bulk solid materials. Larger scrap pieces, including I-beams, presses and dies require being cut into smaller pieces for recycling. Once the metal is cut to smaller sizes and separated by metal type it is shipped out by truck to steel mills for recycling.

## Inspection Narrative:

Prior to this inspection surveillance was conducted on 7/30/19 and 8/8/19 before entering the facility to conduct this inspection. No evidence of open burning, fugitive dust or track-out was observed.

Upon arrival, I conducted a pre-inspection conference with Owner, Mark Wierszewski Jr. The Owner also

accompanied AQD staff as we toured this 9.8-acre site. There are several piles of scrap metal on site sorted by type. Incoming material is sorted, sized and stored in a pile until ready for shipment to customers. Two metal shears are used to cut large pieces of material to a manageable size, torch cutting is utilized occasionally.

The main building houses the scale room, offices and small parts processing area. Small parts are sorted and stored in drums and/or other containers. Another building on the corner of Mack and St. Aubin acts as a garage to store and/or repair equipment. The size of this building is approximately 6,000 square feet and heated by a used oil heater. The CLEAN BURN model CB-2500 is a multi-oil heating system with an input rating of 250,000 Btu/hr. The unit is only used to heat the building when there is personal working in the area. The fuel consists of used oil, transmission fluid and other combustible fluids generated onsite.

City Recycle purchases approximately 15-20 vehicles per month. Vehicles must be dry (void of all fluids) and are dismantled, not crushed or shredded.

The company owns its own street sweeper and cleans Mack, St. Aubin and paved areas of the property daily. A street sweeper log is kept, sample log pages are attached. Occasionally streets in the neighborhood are swept as needed or by request of the homeowners.

Unpaved areas of the yard are covered in asphalt millings in order to reduce dust. Speed limit signs are posted limiting traffic to 5 mph.

Attached to this report are some pages from the company website listing the many metals purchased for recycle.

#### Post Inspection:

Upon return to the office, Mr. Wierszewski discussed the many improvements made to the operations.

The company has a CERTIFICATE OF OPERATION issued by the City of Detroit, Buildings, Safety Engineering and Environmental Department. A copy of this Certificate is attached along with its Fugitive Dust Plan.

#### Regulatory Summary:

Rule 282(2)(b)(iv) of the Michigan Air Pollution Control Rules exempts heaters fired by waste oil or fuels that are generated on site and the equipment is rated less than 500,000 Btu per hour from the Permit to Install program if certain conditions are met. This Rule applies to this facility.

#### Compliance Determination:

Based upon this inspection of City Recycling Inc. located in the City of Detroit, it appears this facility is operating in compliance with the applicable air quality rules and regulations.

NAME



DATE

11/18/19

SUPERVISOR

