

P0868  
MAY 14

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

P086846022

FACILITY: Eutectic Engineering		SRN / ID: P0868
LOCATION: 6350 East Davison, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT:		ACTIVITY DATE: 08/14/2018
STAFF: Stephen Weis	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Compliance inspection of Eutectic Engineering in Detroit. The facility is scheduled for inspection in FY 2018.		
RESOLVED COMPLAINTS:		

**Location:**

Eutectic Engineering, Inc.  
(SRN P0868)  
6350 East Davison  
Detroit 48212

**Date of Activity:**

Tuesday, August 14, 2018

**Personnel Present:**

Steve Weis, DEQ-AQD Detroit Office

**Purpose of Activity**

A self-initiated inspection of the Eutectic Engineering, Inc. facility (hereinafter "Eutectic") in Detroit was initiated on Tuesday, August 14, 2018. The Eutectic facility was on my list of sources targeted for an inspection during FY 2018. The purpose of this inspection was to determine compliance of operations at the Eutectic facility with applicable rules, regulations and standards as promulgated by Public Act 451 of 1994 (NREPA, Part 55 Air Pollution Control), and with applicable Federal standards. The facility is not currently subject to any DEQ-AQD permits.

**Facility Site Description**

The Eutectic facility is located on the south side of East Davison Avenue between Mount Elliott and Filer Streets. The facility property consists of parcels approximately 2 acres in area fronting East Davison and Mount Elliott. There are two buildings on the property, and a parking and storage lot area.

The area around the Eutectic facility is a mix of residential, commercial and industrial/light industrial properties. Immediately to the east of the facility on the east side of Filer Street is the Fitzgerald Finishing facility (SRN B3037). There are some buildings along Filer north of East Davison that are part of commercial or light industrial zoned properties; some of these buildings are occupied, and others look to be vacant. The closest residential properties to the Eutectic facility are located directly to the south of the facility property line along Mount Elliott.

**Facility Operations**

According to the company website ([www.eutecticeng.com](http://www.eutecticeng.com)), Eutectic produces high precision "investment castings", which is described as "...an industrial process which employs in-process control at every point." Eutectic produces heat-disposable patterns for metallic castings, ceramic shell molds, and metal castings. The castings are heat treated, straightened, machined and inspected prior to shipment to the company's customers. According to the website, the company performs design and engineering services, can produce concept and prototype models, and produces finished product castings. The following information is presented on the company website:

*“Our investment castings are used in the most precise area imaginable; Agricultural, Aircraft, Automotive and Appliance parts; Power Tool, Machine Tool, Sports and Hardware components. From Scientific and Medical professions, the Electronics and Electrical industries, Transportation, Packaging, and Printing. The list is virtually endless: from Spacecrafts to Pleasure crafts, from Heart Valves to Plumbing Valves.”*

The Eutectic facility appears to be permanently shut down at this location, as described in the next section of this report.

### **Inspection Narrative**

I first drove to the Eutectic facility during the week of August 6, 2018. I was on the way to another facility, and I wanted to check out the Eutectic facility to see if I could visit the facility at that time or schedule a time at a later date to conduct a site visit. I did not see any activity at the facility. There were vehicles parked along the east wall of the Eutectic building along Filer that looked to be associated with the Fitzgerald Finishing facility. I parked and walked around the perimeter of the property along East Davison, Mount Elliott, and the rear of the parcel. The property is fenced in, with the two buildings that are part of the facility being located inside of the fence, and I did not see any vehicles in the fenced lot. I looked in the main entrance, and there were several notices stuck in the main door, and some strewn in the bushes next to the door, from utilities stating that they needed access to the building to read a meter.

I returned to the facility on August 14. Once again, I did not notice any activity at the facility. There were several vehicles parked along the Filer Street side of the main Eutectic building, and I spoke with the occupant of one of the vehicles. He was wearing work clothes that indicated that he worked for Fitzgerald Finishing. I asked him if he knew whether Eutectic Engineering is still in business. He told me that he has not seen any activity at the facility since at least last summer (2017). Another employee from Fitzgerald walked by, and he confirmed that he also had not seen any activity at Eutectic in over a year.

I attempted to contact the company. I called the listed phone numbers for the facility. One of the numbers had a voicemail set up, so I left a couple of messages in which I identified myself and stated that I wanted to visit the facility. I also sent an e-mail message to the company's e-mail address, as identified on the company website. A copy of the message that I sent is attached to this report. I did not receive a response to either of my voice messages nor my e-mail message.

I looked online for information relating to Eutectic Engineering. I checked the status of the facility's property on the Wayne County Register of Deeds website. I found information showing that all of the parcels that make up the Eutectic facility's property were sold in July of 2017 to an entity called 6350 E Davison, LLC. A copy of this information is attached to this report. I checked the status of the company on the Michigan Department of Licensing and Regulatory Affairs (LARA) Corporations Online Filing System website. Information on the LARA website shows that Eutectic Engineering was incorporated on August 9, 1962. The company was initially located at 1301 East McNichols Road in Detroit, but the company filed a "Certified Resolution of Change of Registered Office" form dated November 12, 1963 informing that the location of the registered office was changed to 17493 Filer Street, which looks to be a shared address for the building located at 6350 East Davison. I also found the Filing Endorsement document for 6350 E Davison, LLC, showing that the entity was incorporated in July of 2017. The company filed a 2018 Annual Statement. The last annual report was filed by Eutectic Engineering on May 9, 2016. Copies of this information is attached to this report.

Based on my observations of the facility property during my visits to the site, and the information found about the sale of the property, it is assumed that Eutectic Engineering is no longer operating at this location.

### **Permits/Regulations/Orders/Other**

There are no active Permits to Install (PTIs) for Eutectic Engineering.

### **Compliance Determination**

Based upon the results of the site visit and the information gathered in relation to the property and the company, it is assumed that Eutectic Engineering, Inc. is no longer in operation at the facility at 6350 East Davison in Detroit. The Eutectic facility should be removed from being classified as an active facility in DEQ-AQD databases.

Attachments to this report: a copy of the e-mail message that was sent to Eutectic; a copy of the Warranty Deed information showing that the Eutectic facility property was sold; copies of information from the LARA website showing the business status of Eutectic and the purchaser of the property, 6350 E Davison, LLC.

NAME Steve Wes

DATE 11/9/18

SUPERVISOR JK