

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

N520126092

FACILITY: Patriot Pumps		SRN / ID: N5201
LOCATION: 2210 Scott Lake Rd, WATERFORD		DISTRICT: Southeast Michigan
CITY: WATERFORD		COUNTY: OAKLAND
CONTACT: Brian Lenaghan, Owner		ACTIVITY DATE: 07/25/2014
STAFF: Erik Gurshaw	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: 2014 Targeted Inspection		
RESOLVED COMPLAINTS:		

SRN: N5201

COMPANY: Patriot Pumps

COMPANY ADDRESS: 2210 Scott Lake Road; Waterford, MI 48328

PURPOSE OF INSPECTION: Targeted

CONTACT PERSON: Mr. Brian Lenaghan, Owner (Ph: 248-674-0000; Cell: 248-431-0203; Fax: 248-674-0004; E-mail: brian@pumpexperts.com)

COMPANY PHONE NUMBER: 248-674-0000

On July 25, 2014, AQD staff, Erik Gurshaw, conducted a targeted, unannounced inspection at Patriot Pumps located at 2210 Scott Lake Road in Waterford, Michigan. AQD staff intended to inspect Six S Concrete Batch Plant #2, but it was discovered that Six S is out of business and that Patriot Pumps is now located at the 2210 Scott Lake Road address. The purpose of the inspection was to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) Rules.

Upon arriving at the facility, AQD staff introduced themselves and stated the purpose of the visit to Mr. Mark Landis, Chief Engineer with Patriot Pumps (Ph: 248-674-0000; Cell: 248-431-3945; Fax: 248-674-0004; E-mail: mark@pumpexperts.com). Mr. Landis indicated that Mr. Brian Lenaghan, Owner, would typically be the contact person for the company, but Mr. Lenaghan was not available at the time of the inspection. Therefore, Mr. Landis assisted AQD staff during the inspection. Mr. Landis indicated that Patriot Pumps operates Monday through Friday from 8:00 AM until 6:00 PM and that 12 people are employed by the company.

Patriot Pumps is a bypass sewer line and groundwater dewatering subcontractor. The company leases diesel and electric pumps, diesel generators, hoses, and other equipment to contractors to remove water in sewer bypasses so that repairs can be made or lower the regional water table so that utilities and building foundations can be installed. The company has 40 to 60 trailer mounted electric and diesel fueled pumps and 13 trailer mounted diesel generators to accomplish the dewatering activities. Equipment at the 2210 Scott Lake Road facility includes the following: 7 pickup trucks; 1 boom truck; 2 semi trucks; 1 semi trailer; 1 telescoping forklift; 1 hi-low; 1 bandsaw; 1 portable welding machine; 3 natural gas space heaters; 1 drill press; 1 HDPE fusion machine; and a "Build-All" parts cleaner. The welding machine exhausts to the general plant environment and is exempt from Permit To Install (PTI) requirements pursuant Rule 285(i). The natural gas space heaters are used to heat the maintenance garage and are exempt from PTI requirements pursuant Rule 282(b)(i). The metal working machines exhaust to the general plant environment and are exempt from PTI requirements pursuant Rule 285(l)(vi)(C). The parts washer uses a petroleum distillate cleaning solvent and is exempt from PTI requirements pursuant Rule 281(h). The HDPE fusion machine is used to fuse together sections of HDPE pipe to be used at constructions sites.

Based on the inspection, it was determined that Patriot Pumps is in compliance with all applicable air rules and regulations. The equipment in the company's maintenance garage is exempt from PTI requirements and the diesel pumps and generators which are used at work sites are mobile sources of air emissions.

NAME Erik Gurskaw

DATE 7/28/14

SUPERVISOR CJE