

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

N280330879

FACILITY: Lyon Development, Inc.		SRN / ID: N2803
LOCATION: 5380 S. MILFORD RD., NEW HUDSON		DISTRICT: Southeast Michigan
CITY: NEW HUDSON		COUNTY: OAKLAND
CONTACT: Christina L. Pearse-Bossick, District Engineer		ACTIVITY DATE: 08/13/2015
STAFF: Rebecca Loftus	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT:		
RESOLVED COMPLAINTS:		

On August 13, 2015, I, Rebecca Loftus, Department of Environmental Quality (DEQ), Air Quality Division (AQD), conducted an inspection of Lyon Development, SRN: N2803, located at 5380 S. Milford Road, in New Hudson, Michigan. The purpose of this inspection was to determine the facility's compliance with the Federal Clean Air Act, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act of 1994, PA 451, as amended, and Michigan's Air Pollution Control Rules.

Facility Overview

Lyon Development is a closed landfill owned by Republic Wastes Services. The landfill contains approximately 6,100,000 Mg of municipal solid waste. When the site was active, solid waste was accepted in three cells (west, central, and east cells); waste has not been accepted since 1993.

ROP Number MI-ROP-N2803-2010 was voided on April 16, 2014. Originally the ROP had two sections: Section 1 was issued to Republic Waste Services for Lyon Development Landfill and Section 2 was issued to GRS, L.L.C. for the Landfill Engines.

On September 12, 2014, the AQD received the Final SSM Report and on March 13, 2015, the AQD received the Final Annual Reports.

On-Site Inspection

Upon arriving at the facility, I met with Ms. Christine Pearse, District Engineer for Republic Waste Services. Ms. Pearse escorted me around the closed landfill, showed me the abandoned engine building, and brought me to the one remaining flare.

Ms. Pearse explained the landfill is still producing gas with a methane content of 42-46%. Because of the landfill gas, Republic maintains approximately 50 wells to collect the gas and send it to an open flare. At the time of my inspection, the flare was at 1319 °F with a flow of 660scfm. Because the site is unmanned, the flare is equipped with a call out system to let Republic know of any flare failures.

In addition to the wells and the flare, Republic maintains two 20,000 gallon leachate tanks; the material in these tanks is pumped and hauled off-site on a weekly basis.

The equipment, as described above, appears to be exempt from obtaining a permit to install pursuant to Rule 285aa.

Conclusion

Based on information gathered during the inspection Lyon Development appears to be in compliance with the Federal Clean Air Act and Michigan's Air Pollution Control Rules.

NAME Rebecca Loftus DATE 9/9/15 SUPERVISOR CTE