

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

P073437875

FACILITY: AWH Grading LLC		SRN / ID: P0734
LOCATION: 4024 South Pine Center Drive, W BLOOMFIELD		DISTRICT: Southeast Michigan
CITY: W BLOOMFIELD		COUNTY: OAKLAND
CONTACT: Adam Hayes , Owner		ACTIVITY DATE: 11/30/2016
STAFF: Nathaniel Hude	COMPLIANCE STATUS: Compliance	SOURCE CLASS: <i>Minor</i>
SUBJECT: Inspection in addition to stack test observation.		
RESOLVED COMPLAINTS:		

Inspection Report

P0734- AWH (in early stages of permit issuance, the crusher was assigned SRN: N7500)
3333 Muir Road
Milford, MI 48380

Inspection Date:

11/30/16

Facility Contacts:

Adam Hayes, Owner, 248-388-4561, sandandgravel93@yahoo.com
Amy Young, Bookkeeper, 248-388-4561, lhayes1015@aol.com

Test Company Contacts:

Derenzo, VE Reader, Dan Wilson
Derenzo, Permit Application Consultant, 517-268-0043, cgauffey@derenzo.com

MDEQ AQD Personnel:

Nathan Hude – 517-284-6779, huden@michigan.gov

Facility Description:

This site is a sand and gravel pit that had recently purchased a non-metallic mineral crusher which was permitted under PTI 54-16.

The site is located on the east side of Muir Road, north of Buno Road, approx. 4 miles north east of the city of Brighton and just south of the General Motors Proving Grounds. There is another gravel operation on the east side of Muir road that is operated by American Aggregates with SRN's N3152 and N7136 associated with the 13017 Buno Road address.

Based on AWH's base address being in West Bloomfield, the MAERS and assignment is assigned to the Southeast Michigan (SEMI) District, yet due to the crusher's current location the site is assigned to the Lansing District.

Applicable Regulations:

PTI 176-02
40CFR60 000- Standards of Performance for Nonmetallic Mineral Processing Plants

Previous Inspections:

none

Previous Violations:

none

Recent Complaints (within 2 years):

none

Number of Violations Found During this Inspection:

none

Inspection Key Concerns:

Spray bar was not attached to screen per PTI paragraph 1.7.
Equipment was not labeled per PTI paragraph 1.11.

MAERS Reporting

The facility will be new to MAERS this coming season and will be reviewed by SEMI.

MAERS Emission Unit List

Name not identified yet.

Inspection Summary

I arrived onsite at 8:45am and checked into the scale office where I met Amy and introduced myself. It was a sunny day and I did not observe any VE's or odors when approaching the area. Amy and I discussed the site and I provided her a copy of my business card. She stated that the test company was not scheduled to arrive until 10am in anticipation of allowing cold temperatures to rise above freezing.

I drove down to the crusher location where I met Jubee and Adam. The crusher generator was running at idle, but the equipment was not operating. We discussed the site, equipment, and reviewed the PTI in detail. We also discussed fugitive dust to which Adam stated AWH takes care of Muir Road and the county maintains Buno Road. We then performed an inventory based on the serial numbers on the devices and what was listed in the permit application. The devices did not have the ID's on them and the screen did not have a spray bar attached. Adam left to find a spray bar that could be attached. He found one and we decided that they could attach it for the test if needed once the devices started operating; yet we all agreed that they would have the spray bar permanently affixed and the devices labeled by December 12th to avoid violation of the permit.

Dan of Derenzo arrived at approx. 10:15am. We discussed and identified all of the emission points to which readings would need to be conducted; this included the crusher, screen, 5 transfer points and 3 drop points. Soon thereafter, Adam and Jubee ran the equipment up to operating mode. While running up the equipment, they found that the water pump that feeds the spray bars had a crack in the casing due to freezing thus water was unavailable. We decided to continue with the test as the permit condition states water "shall be properly operated as necessary to comply with all emission limits".

Jubee was dumping the concrete into the crusher using a loader and Adam was overseeing the crusher operation on the ground. The crusher was maintained full and I remained onsite to observe about a ½ hour of operation. Dan was reading 3 points (as allowed by OOO) at a proper location according to sun and distance; I observed all points in which reading were to occur and did not see any visible emissions before departing.

Prior to departing, I provided Adam a copy of the DEQ "Managing Fugitive Dust" booklet. Due to our location he asked me to drop it off at the office on my way out before leaving the yard which I did.

As I drove away from the facility, I noticed a great amount of track-out on Kensington Road leading south down to the highway. I mentioned this in an email to Amy on 12/2/16 and informed her that I would contact to discuss at a later date. Buno Road at the Muir road intersection is dirt, yet it is paved in front of American Aggregates. The track-out will have to be addressed with both companies.

On December 5, 2016, I received several emails with pictures of all devices with labels painted on and the spray bar permanently mounted on the screen. Based on the receipt of this, it appears AWH is compliant with state of Michigan rules and PTI 54-16.

NAME



DATE

12/9/16

SUPERVISOR

