

M4820

MAWILA

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

M482049671

|                                |                               |                           |
|--------------------------------|-------------------------------|---------------------------|
| FACILITY: McCoig Materials     |                               | SRN / ID: M4820           |
| LOCATION: 5501 Cogswell, WAYNE |                               | DISTRICT: Detroit         |
| CITY: WAYNE                    |                               | COUNTY: WAYNE             |
| CONTACT: John Gibson ,         |                               | ACTIVITY DATE: 07/23/2019 |
| STAFF: Jill Zimmerman          | COMPLIANCE STATUS: Compliance | SOURCE CLASS: Minor       |
| SUBJECT: Target Inspeccion     |                               |                           |
| RESOLVED COMPLAINTS:           |                               |                           |

DATE OF INSPECTION : July 23, 2019  
 TIME OF INSPECTION : 10:30 am  
 INSPECTED BY : Jill Zimmerman  
 PERSONNEL PRESENT : Mark  
 CONTACT PERSON : John Gibson  
 FACILITY PHONE NUMBER : 734-326-4200  
 CELL PHONE NUMBER : 734-368-8238

### FACILITY BACKGROUND

McCoig Materials produces ready made concrete. The facility is located on Cogswells Avenue near the intersection of Hannah Road and Van Born Road in Wayne.

For the production on concrete, aggregate is mixed with a solution to create the desired mix. Piles of different aggregate are stored in the back of the site. When a truck arrives for a load, the truck enters the loading area, which is enclosed. The concrete mixture flows into the truck as a final product.

### PERSONAL PROTECTION EQUIPMENT

During the onsite inspection, I work steel toed safety boots, safety glasses, safety vest and a hard helmet.

### COMPLAINT/COMPLIANCE HISTORY

No complaints have been received regarding this facility. No violation notices have been issued to this facility.

### INSPECTION NARRATIVE

Initially I drove through the surrounding area. Minimal track out was observed along Cogswell Road. I then entered the facility. I spoke to a worker, asking where the office was located. I was told that the operator was located on the third level, though the boss had just left.

I entered the office and met with Mark. He described the process of making the concrete mixture. The facility operates year round, though they are busier in the summer months, typically working 10-12 hours per day. Each day, the facility completes a daily record, which includes how much concrete is produces, the hours that the plant operated and any maintenance activities. I reviewed this binder while I was onsite. On April 30, 2019, 551.5 cubic yards were produced.

During the onsite inspection, a truck was ready to receive a load of final product. I observed the mixing and loading process inside the enclosed area. Some visible emissions were observed inside the enclosure. However, these emissions pass through the baghouse before venting to the outside.

The facility uses two baghouses to maintain the dust during the mixing operations. The larger baghouse is located to the side of the process equipment and has 72 bags. A smaller baghouse is located on the roof and contains 36 bags. The bags are inspected daily as part of the daily checklist. All bags are changed annually. The bags at this location were last changed in June 2019.

The lot is primarily paved, which reduces the dust and track out at this location. The facility has a sweeper that sweeps the lot about twice per week. A record of all sweeping operations is maintained in the log binder.

McCoig Materials brings a portable crusher onsite about once per year for a few weeks to crush materials as needed.

### APPLICABLE RULES/PERMIT CONDITIONS

McCoig Materials is exempt from permitting based on Rule 289 (d).

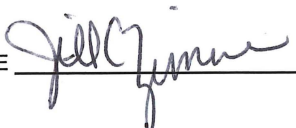
- i. Compliance – During a review of the daily operation log, it appears that the facility produces between 550 cubic yards and 650 cubic yards per day. During 2018, the facility produced 124,124 cubic yards of materials, which is less than the rule limit of 200,000 cubic yards. For 2019, the facility has produced 42,475 cubic yards. A copy of this record is attached to this report.
- ii. Compliance – The facility fills all trucks in an enclosed area that is controlled by two baghouses.
- iii. Compliance – The facility has an enclosed building that is used for silo loading and cement weighing hopper as well as filling the trucks.
- iv. Compliance – Daily records were reviewed during the onsite inspection.
- v. NA
- vi. Compliance – Operations occur more than 250 feet from other commercial or residential buildings except the cement loading.
- vii. Fugitive Dust Plan
  - a. Compliance – Minimum drop distance was maintained during inspection
  - b. Compliance – Cement trucks were loading directly into rotating drum on truck, which is completely enclosed.
  - c. Compliance – Records were maintained for all sweeping operations. No spills were seen on the roadways. The roadways are paved to minimize dust.
  - d. Compliance – Proper drop distances appears to be maintained on all stockpiles. No unloading to the stockpiles was observed during the onsite inspection to verify the opacity.
  - e. NA

### MAERS REPORT REVIEW

NA

### FINAL COMPLIANCE DETERMINATION

McCoig Materials appears to be in compliance with all applicable state and federal rules.

NAME 

DATE 8/1/19

SUPERVISOR 