

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

U25161258537894

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| FACILITY: Water and Waste Services, Genesee County, Montrose | | SRN / ID: U251612585 |
| LOCATION: 9290 Farrand Road, Montrose | | DISTRICT: Lansing |
| CITY: Montrose | | COUNTY: GENESEE |
| CONTACT: Joe Goergen , Treatment Plant Superintendent | | ACTIVITY DATE: 12/01/2016 |
| STAFF: Nathaniel Hude | COMPLIANCE STATUS: Compliance | SOURCE CLASS: |
| SUBJECT: Self initiated inspection conducted due to file clean-up and older permit for a site that had no documentation of past inspection. | | |
| RESOLVED COMPLAINTS: | | |

Inspection Report

U251612585- Water and Waste Services, Genesee County, Montrose
9290 Farrand Road
Montrose, MI 48457

Inspection Date:

12/1/16

Facility Contacts:Joe Goergen, 810232-7662, jgoergen@gcdcwws.com**MDEQ AQD Personnel:**Nathan Hude – 517-284-6779, huden@michigan.gov**Facility Description:**

This site is a water treatment plant with 3 sewage sludge incinerators that were permitted under PTI 772-77.

The site is located on the north east side of Montrose, approx. 5 miles west of the city of Clio and approx. 10 miles North West of the city of Flint on the Flint River. There are sporadic residential houses to the north, east, and south, and a mobile home park approx. ½ mile to the west on the other side of the river.

The treatment plant services 1000 miles of sewage treatment pipe for surrounding areas, but does not treat the Cities of Flint and Flushing. There is piping to transfer waste to the City of Flint Plant and vice versa if needed. Currently, this plant is treating 24 million gallons per day

Applicable Regulations:

PTI 772-77

Previous Inspections:

I conducted an extensive search and could not find any documentation of an inspection of this facility in our files, the Genesee General County File, or MACES. I could not find an assigned SRN, nor was one assigned due to the date of issuance.

Previous Violations:

None

Recent Complaints (within 2 years):

None

Number of Violations Found During this Inspection:

None

Inspection Key Concerns:

None

MAERS Reporting

No

MAERS Emission Unit List

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Inspection Summary

I arrived at 10:30am; it was a cloudy day and I did not observe any VE's and only a slight waste water treatment odor when approaching the area. I checked into the front office where I was directed to Joe. I introduced myself and informed Joe as to the intent of my visit.

Joe informed me that the incinerators are still installed, yet not operating and have not operated since approx. 1987. Although the incinerators were installed in 1977, there was not enough flow to operate them until about 1980. At that point they primarily only operated 1 incinerator and had to install a type of muffler due to harmonic noise that the neighbors would complain about. Currently the sludge is land applied as a bio-solid; when land application cannot be completed (winter), the sludge is landfilled.

After our discussion, we went to the incinerators. The incinerator building is on the west side of McKinnley, yet on the east side of the Flint River. The 3 stacks are visible from the ground. The building and some equipment is still being used; primarily the sludge thickening tanks which is used for stabilization and de-watering. We went through the incinerator area and it was evident they had not been run in some time. Prior to entering the incinerators, the sludge would enter 1 of 3 vacuum sludge dryers as a final dewatering process. These dryers appeared to be a rotary type of device and were in the process of being dismantled. This rendered the incinerators unusable unless the dryers were fixed. The metal sheeting sides of these devices had been torched off in preparation for selling as scrap. Pictures of these devices were taken and attached to this report. Joe and I discussed the disassembly of the plant, but he stated the cost was high and not necessarily beneficial at this point. We briefly discussed the possibility of asbestos and the possibility of asbestos in and around the incinerator. Joe stated he was aware of the requirements and would have a survey completed if disassembly was to be completed.

I asked Joe if any sort of odor control devices were installed and he stated they had tested some in the past, but found them not to be needed and they were removed. I departed the site at approx. 12:00pm.

Upon the drafting of this document, I realized that I had forgotten to inquire about emergency engines. On 12/12/16, I emailed Joe asking if he had any engines that were required to comply with 40CFR60 IIII or JJJJ. Joe responded the same day in email stating they did not have any emergency engines that are required to meet either regulation.

Based on the inspection and follow-up communication, it appears that this facility is in compliance with state and federal air quality rules. A copy of this report will be used to void PTI 772-77 in accordance with MDEQ memo Procedure for Voiding Permits to Install, dated June 7, 1999.



Image 1(Vacuum Sludge Dryers) : Vacuum Sludge Dryers1

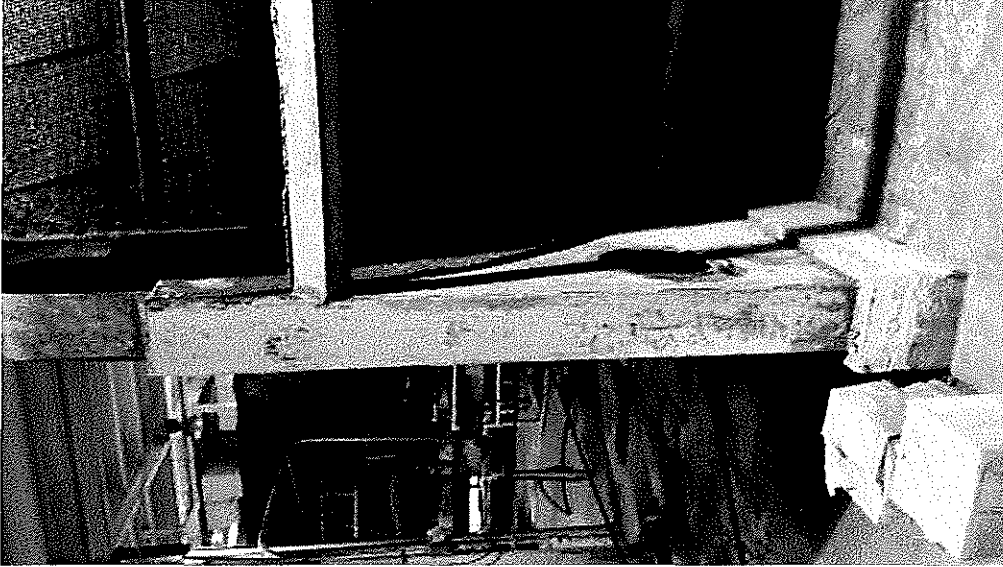


Image 2(Vacuum Sludge Dryer) : Vacuum Sludge Dryer in process of being dismantled

NAME *A. Akh*

DATE *12/15/16*

SUPERVISOR *B.M.*

