

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: On-site Inspection**

K208768333

<b>FACILITY:</b> LAKELAND CORRECTIONAL FACILITY		<b>SRN / ID:</b> K2087
<b>LOCATION:</b> 38 FOURTH ST, COLDWATER		<b>DISTRICT:</b> Kalamazoo
<b>CITY:</b> COLDWATER		<b>COUNTY:</b> BRANCH
<b>CONTACT:</b> Ryan Krenzalek , Plant Operator		<b>ACTIVITY DATE:</b> 06/15/2023
<b>STAFF:</b> Chance Collins	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> SM OPT OUT
<b>SUBJECT:</b> Scheduled inspection for FCE		
<b>RESOLVED COMPLAINTS:</b>		

On June 15, 2023, AQD staff traveled to Branch County to perform an inspection of Lakeland Correctional Facility. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 11-12 and applicable state and federal air pollution control regulations.

AQD staff arrived on site at 9:00 a.m. to sunny conditions with a temperature of 61°F with a N wind of 2 mph. There were no noticeable odors upon arrival.

AQD staff met with Jamie Burdette (Maintenance Mechanic) who walked staff around the facility and answered all questions.

The facility has a power plant that has three 48 MMBtu/hour Keeler boilers installed in 1972. There are also six emergency generators. The boilers are capable of operating on natural gas or oil. Fuel oil is stored in a 10,000-gallon tank located on the north side of the power plant building. The tank was installed in 2015 and appears to be exempt by rule 284(2)(d). At the time of the inspection EUBOILER3 was in operation, EUBOILER1 and EUBOILER2 were in standby.

The following discusses the findings of the inspection and review of records:

**FGBOILERS:** Three dual-fuel boilers, each with a heat input capacity of 48 MMBtu/hour.

**Pollution Control Equipment:** Dual-fuel low NOx burners.

No fuel oil has been used in the boilers since October 2020, at which time a test run was conducted on Boiler 2. Fuel oil used for the 2020 boiler test was ultra-low sulfur diesel (ULSD), which has a maximum sulfur content of 15 ppm.

All records are being maintained in a satisfactory manner.

**FGGENERATORS:** Existing six emergency power generators. Each is powered by a diesel fuel fired reciprocating internal combustion engine. The generators are used for emergency power generation.

**Emission Units:** EUGENERATOR1, EUGENERATOR2, EUGENERATOR3, EUGENERATOR4, EUGENERATOR5, EUGENERATOR6

**Pollution Control Equipment:** NA

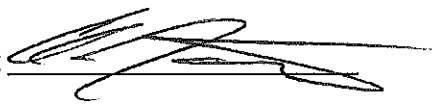
All records are being maintained in a satisfactory manner.

**FGFACILITY:** All process equipment at the facility including equipment covered by other permits, grandfathered equipment, and exempt equipment.

**Emission Units:** All emission units included in FGBOILERS and FGGENERATORS. Equipment covered by other permits, grandfathered equipment, and exempt equipment.

**Pollution Control Equipment:** NA

SO2 emissions are kept on a monthly and 12-month rolling time period basis. As of June 2023, the 12-month rolling time period SO2 emissions are 0.117 tons per year. This is within the permitted limit of 89.0 tons per year.

NAME 

DATE 9/7/23

SUPERVISOR 