

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

B709073679

FACILITY: MICHIGAN MILK PRODUCERS ASSOCIATION		SRN / ID: B7090
LOCATION: 431 W. WILLIAMS ST, OVID		DISTRICT: Lansing
CITY: OVID		COUNTY: CLINTON
CONTACT: Brian Lewis , Plant Engineer		ACTIVITY DATE: 05/16/2024
STAFF: David Rauch	COMPLIANCE STATUS: COMPLIANCE	SOURCE CLASS: SM OPT OUT
SUBJECT: On-site inspection was conducted to determine compliance with PTI 88-09A.		
RESOLVED COMPLAINTS:		

Staff Activity Report

On May 16, 2024, David Rauch of the Air Quality Division (AQD) conducted an inspection of Michigan Milk Producers Association (MMPA) (SRN B7090), located at 431 W. Williams St., Ovid, Michigan.

David started an extended leave from work before the report for this inspection was or the records review was completed. The report and records review were completed by Michelle Rogers on September 18, 2024.

The Environmental Contact:

Brian Lewis, Maintenance Manager, 989-834-2221 EXT 464, brian.lewis@mimilk.com

Facility Description:

This facility is a large dairy processing facility that has large boilers, milk dryers with baghouses, and emergency generators.

Regulatory Overview:

This site is an opt-out source for PM, and NOx, and GHGs (PTI 88-09A). They have accepted legally enforceable limits to their potential to emit.

EUBOILER4 is subject to NSPS Subpart Dc.

FGGENERATORS (3 emergency generators) are subject to NSPS Subpart IIII.

Fee Status:

This site is a fee subject source that is required to report annual emissions to the state of Michigan's MiEnviro System.

Location:

This facility is located in Ovid Michigan and is in a residential area of the town. There have not been any odor complaints or emissions complaints for this site.

Inspection:

I (David Rauch) arrived on site where I was met by Brian Lewis and the facility intern. We discussed the site's need for records and how they will need to calculate emissions for the Milk Dryers, and Generators, and Boilers. I showed them the calculation methods in the back of the permit, and they were given a copy of their permit. We discussed all of the permit conditions and while on site we were going to look at all of the equipment. Once I discussed the permit conditions we made a list of records that would be needed. Brian is new to the records process and asked for a small extension on timeline to get the records collected and calculations to be made. We then proceeded to tour the facility and I observed the dryers, and we walked up multiple stories to observe the holding containers and the dryers. The site has proper pressure drop for the bag houses. I observed the various buildings and the large storage tank and dryer in a separate building that was over 5 stories tall. I also observed all the boilers, and we went into

the emergency generators for the hours of run time. Following the tour, we had a final discussion and I was told the site does about 7-9 million pounds of powder per month.

Records Review:

	Model #	Serial #
Boiler #1	540-AHG	S-4301/J2957
Boiler #2	PFTA100046	847501
Boiler #3	PFTA-1200-4G-1505	10778-01
Boiler #4	PFTA-1200-4G	10798-01

MMPA supplied to boiler inspection records (CDS-1) for each of the 4 boilers from 2020 through 2024. Boilers 1, 2, and 4 are permitted and Boiler 3 is exempt. Brian Lewis from MMPA noted that he is not happy with these and is working to make sure that in the future they are consistent and legible.

FGFACILITY:

SC I.1, 2, 3: Emission limits of 89 tpy PM, 89 tpy NOx, and 89,900 tpy CO_{2e}

MMPA supplied their emission calculations including emission factors used, natural gas usage, diesel fuel usage, and emissions in tons per 12 month rolling time period. Fuel usage and emissions were consistently less than half of the 12-month rolling limits.

SC VI.4 – Records of each cleaning solution used.

MMPA supplied and SDS for ArmaKleen

Conclusions:

Based on the physical inspection and records review, the facility appears to be in compliance. No odors or opacity was observed, and the equipment appeared to be in proper operating conditions.

NAME Michelle Rogers

DATE 9/20/2024

SUPERVISOR RB