

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

P051760033

FACILITY: Maroa Farms, Inc. and Pepperco-USA, Inc.		SRN / ID: P0517
LOCATION: 270 and 220 N. Fillmore Road, COLDWATER		DISTRICT: Kalamazoo
CITY: COLDWATER		COUNTY: BRANCH
CONTACT:		ACTIVITY DATE: 08/19/2021
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection for FCE		
RESOLVED COMPLAINTS:		

On August 19, 2021 AQD staff traveled to Branch County to perform an inspection of Maroa Farms, Inc/PepperCo. The purpose of the inspection was to determine the facility’s compliance with Permit to Install No. 192-16, PTI No. 217-16 and applicable state and federal air pollution control regulations.

AQD staff arrived on site at 10:00 a.m. to sunny conditions with a temperature of 77°F with a SW wind of 0 mph. There were no noticeable odors upon arrival.

AQD staff met with Jessica Woods (Food and Health Safety Manager) and Dave Doyle (General Manager). Ms. Woods walked staff throughout the facility and answered all questions. The facility has over 100 acres of greenhouse. Roughly 60 acres is managed by Marao Farms, Inc, and the remaining is managed by PepperCo USA, Inc. Maroa Farms, Inc. hydroponically grows different types of tomatoes, and small amounts of strawberries and cucumbers. Mastronardi Produce owns both of the companies that are located adjacently at the facility site.

At the time of the inspection, both Maroa Farms, Inc. and PepperCo USA, Inc. were in a cleanout and sanitize phase which normally takes 2-3 weeks. The facilities were nearing the end of the sanitization phase and will be planting in the following weeks. Due to the sanitization process, plants are blocked off for quarantine.

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

Permit to Install No. 192-16:

EUMAROABOILER1: One 42 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boiler is equipped with low NOx burners.

EUMAROABOILER2: One 42 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boiler is equipped with low NOx burners.

EUMAROABOILER3: One 42 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boiler is equipped with low NOx burners.

EUMAROABOILER4: One 42 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boiler is equipped with low NOx burners.

FGMAROABOILERS: Four 42 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boilers are equipped with low NOx burners during natural gas combustion.

Emission Limits:

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Pollutant	Limit Tons per year (tpy)	Actual	Compliance
CO	43.4 tpy	9.3 tpy	Appears to be
NOx	39.7 tpy	7.9 tpy	Appears to be

Material Limits: Fuel oil is not currently used at either facility.

Material	Limit	Actual	Compliance
Natural Gas	1,446.2 MMCF per year	315.7 MMCF	Appears to be

All records are being kept for monthly and 12-month rolling time period in an acceptable manner.

FGFACILITY: All process equipment source-wide including equipment covered by other permits, grand-fathered equipment, and exempt equipment.

Pollutant	Limit Tons per year (tpy)	Actual	Compliance
CO	89.9 tpy	17.7 tpy	Appears to be
NOx	89.9 tpy	14.8 tpy	Appears to be

All records are being kept for monthly and 12-month rolling time period in an acceptable manner.

Permit to Install No. 217-16:

EUPEPPERCOBOILER1: One 48 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boiler is equipped with low NOx burners

EUPEPPERCOBOILER2: One 48 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boiler is equipped with low NOx burners

EUPEPPERCOBOILER3: One 48 MMBtu/hr natural gas fired boiler with No. 2 fuel oil backup. Boiler is equipped with low NOx burners

FGPEPPERCOBOILERS: Three 48 MMBtu/hr natural gas fired boilers with No. 2 fuel oil backup. Boilers are equipped with low NOx burners during natural gas combustion.

Emission Limits:

Pollutant	Limit Tons Per Year (tpy)	Actual	Compliance
CO	37.1 tpy	8.1 tpy	Appears to be
NOx	34.4 tpy	6.8 tpy	Appears to be.

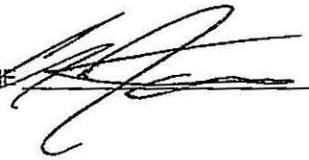
Material Limits: Fuel oils is not currently used at the facility.

Material	Limit	Actual	Compliance
Natural Gas	1,236.71 MMCF per year	270.1 MMCF	Appears to be

All records are being kept for monthly and 12-month rolling time period in an acceptable manner.

FGFACILITY: All process equipment source-wide including equipment covered by other permits, grand-fathered equipment, and exempt equipment.

Pollutant	Limit Tons per year (tpy)	Actual	Compliance
CO	89.9 tpy	17.7 tpy	Appears to be
NOx	89.9 tpy	14.8 tpy	Appears to be

NAME  _____

DATE 9/23/21

SUPERVISOR RIL 9/27/21