

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

N617757936

FACILITY: Bayer Great Lakes Production Co., LLC		SRN / ID: N6177
LOCATION: 67760 US 131, CONSTANTINE		DISTRICT: Kalamazoo
CITY: CONSTANTINE		COUNTY: SAINT JOSEPH
CONTACT: Barry Meyer, Site Manager		ACTIVITY DATE: 03/11/2021
STAFF: Chance Collins	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled Inspection for FCE		
RESOLVED COMPLAINTS:		

On March 11, 2021 AQD staff traveled to St. Joseph County to perform an inspection of Bayer Great Lakes Production Co, LLC. The purpose of the inspection was to determine the facility’s compliance with Permit to Install No. 130-05E, Permit to Install No. 251-05F and applicable state and federal air pollution control regulations. AQD staff arrived on site at 09:51 a.m. to cloudy conditions with a temperature of 61° F with a SW wind of 18 mph. There were no noticeable odors upon arrival.

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

Permit to Install No. 130-05E:

**FGTREATERS:** Three seed corn treaters, two Baggers, and ancillary equipment including three baghouses for controlling particulate emissions.

**EUTREATER1 and EUTREATER2:** One coating station used to apply fungicide and pesticide to seed corn prior to bagging. EUTREATER1 and EUTREATER2 particulate emission are controlled by a shared Tort filter cartridge and 50,000 acfm baghouse exhausted inside the building.

**EUTREATER3:** One coating station used to apply fungicide and pesticide to seed corn prior to bagging particulates are to be controlled by a Tort filter cartridge and 32,000 acfm baghouse.

Emission limits:

Pollutant	Limit	Actual	Time Period/Operating Scenario	Compliance
VOC	60 tons per year (TPY)	14 tons (as of February 2021)	12-month rolling time period	Appears to be in compliance.

The permittee appears to be capturing all waste materials and storing them in closed containers prior to disposing of waste materials in an acceptable manner. Spent filters appear to be disposed of in a manner which minimizes the introduction of air contaminants to the outer air. All VOC and/or hazardous air pollutants (HAP) containing materials appear to be handled and stored in a manner to minimize the

generation of fugitive emissions. All records were reviewed on site and were acceptable. SVTREATERS stack and SVBAGGERS stacks appeared to be unobstructed horizontally to the ambient air and appeared to be at the minimum height and diameter requirements.

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

Pollutant	Limit	Actual	Time Period/Operating Scenario	Compliance
PM10	89 tpy	5.68 tons	12-month rolling time period	Appears to be in compliance
Each Individual HAP	Less than 9.0 tpy	0 tons	12-month rolling time period	Appears to be in compliance
Aggregate HAPs	Less than 22.5 tpy	0 tons	12-month rolling time period	Appears to be in compliance

No HAP containing materials are currently being used at the facility.

All required records are being kept and were acceptable.

Permit to Install No. 251-05F:

FG-DRYERS: Six natural gas-fired ear corn dryers.

Emission Units: EU-P2, EU-P4, EU-P5, EU-P6, EU-P7, EU-P8

The dryers tend to run the last week of August through the first week of October. Visible emission checks are completed daily (during operation) on each dryer. Records that are kept include 12-month rolling time period natural gas usage, bushel of corn dried, and NOx emissions. NOx emissions per day determined at the end of each calendar month is also calculated.

For September 2020, the 12-month rolling time period for natural gas was 187.96 MMscf, which is in compliance. The 12-month rolling time period for corn was 3.73 million bushels, which is in compliance. 12-month rolling time period NOx emissions were 9.4 tons, which is in compliance. The NOx daily average as determined at the end of each calendar month was 423.8 pounds, which is in compliance. All required records are being kept and were acceptable.

NAME 

DATE 9/23/21

SUPERVISOR RIL 9/27/21