

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

P117167062

<b>FACILITY:</b> AJAX MATERIALS CORPORATION-PLANT 4		<b>SRN / ID:</b> P1171
<b>LOCATION:</b> 5088 Energy Drive, FLINT		<b>DISTRICT:</b> Lansing
<b>CITY:</b> FLINT		<b>COUNTY:</b> GENESEE
<b>CONTACT:</b> David Grabowski , Operations Manager		<b>ACTIVITY DATE:</b> 04/12/2023
<b>STAFF:</b> Daniel McGeen	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> SM OPT OUT
<b>SUBJECT:</b> Unannounced inspection to observe startup activities, and review of plant recordkeeping. These Partial Compliance Evaluation (PCE) activities were conducted as part of a Full Compliance Evaluation (FCE).		
<b>RESOLVED COMPLAINTS:</b>		

**On 4/12/2023, EGLE, AQD conducted an unannounced inspection of Ajax Materials Corporation - Plant 4 (Ajax Materials), to observe start up activities. AQD subsequently reviewed plant recordkeeping. These Partial Compliance Evaluation (PCE) activities were conducted as part of a Full Compliance Evaluation (FCE).**

**Facility environmental contact:**

- David Grabowski, Operations Manager; 248-388-1670; [dgrabowski@ajaxpaving.com](mailto:dgrabowski@ajaxpaving.com)
- Kathleen Anderson: President, Axis Environmental Consulting Corp.; 810-845-3925; [kanderson@ajaxpaving.com](mailto:kanderson@ajaxpaving.com)

**EGLE, AQD staff:**

- Dan McGeen, inspector: 517-648-7547; [mcgeend@michigan.gov](mailto:mcgeend@michigan.gov)

**Facility description:**

**This facility is a hot mix asphalt (HMA) plant, which produces paving materials, primarily for the road construction industry, using a counter-flow drum mixer/dryer process. HMA paving materials are a mixture of aggregates and asphalt cement which are heated and mixed.**

**Emission units:**

Emission Unit* ID	Emission Unit Description	Permit to Install (PTI)	Compliance status
EUHMAPLANT	Hot mix asphalt (HMA) facility including: aggregate conveyors, a 500 tph counter-flow drum, and a 100,000 cfm baghouse.	90-21	Compliance

EUYARD	Fugitive dust sources including: plant roadways, plant yard, material storage piles, material handling operations (excluding cold feed aggregate bins).	90-21	Compliance
EUACTANKS	Six 30,000 gallon liquid asphalt cement storage tanks with a total heat capacity of 2 MMBtu/hr.	90-21	Compliance
EUSILOS	Eight 300 ton capacity hot mix asphalt (HMA) paving material product storage silo.	90-21	The truck loadout capture system was not able to contain all the blue smoke from the intermittent loading of trucks under gusty wind conditions. AQD will engage with Ajax Materials to ensure that the capture system is able to perform properly.

\*An *emission unit* is any part of a stationary source that emits or has the potential to emit an air contaminant.

#### Regulatory overview:

This Ajax Materials HMA plant is permitted under PTI 90-21. This is an opt-out permit, which contains opt-out emission limits for carbon monoxide (CO) and sulfur dioxide (SO<sub>2</sub>), to keep the facility from having the potential to emit (PTE) to be a major source. A *major source* has the PTE of 100 TPY of one or more of the *criteria pollutants*, that is, those pollutants for which a national ambient air quality standard exists. Those include CO and SO<sub>2</sub>, but also nitrogen oxides (NO<sub>x</sub>), volatile organic compounds (VOC), particulate matter (PM), particulate matter smaller than 10 microns (PM-10), particulate matter smaller than 2.5 microns (PM<sub>2.5</sub>), and lead.

There are also facility wide opt-out limits for individual hazardous air pollutants (HAPs), and aggregate or total HAPs and associated recordkeeping under FGFACILITY. A major source of HAPs has a PTE of 10 TPY or more of any one HAP, or a PTE of 25 TPY or more of total HAPs. An *area source* is any source which is not major for HAPs.

Additionally, the facility is subject to the federal regulation 40 CFR Part 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities.

#### Fee status:

This facility is classified as a Category D fee source, because it is subject to a New Source Performance Standard, 40 CFR, Part 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities.

The facility is required to submit a Michigan Air Emission Reporting System (MAERS) report each year.

**Location:**

The facility is located at 5088 Energy Drive, Flint, 48505. It is in the southwest corner of Genesee Township within an industrial park. Nearby, just to the south of E. Carpenter Road, is a neighborhood within the City of Flint. To the east is wooded area, and to the south are woods, followed by a residence, E. Carpenter Road, and then a residential area.

**Stack testing:**

Stack testing has not yet been conducted, but is required to be conducted within 60 days after the plant achieves the maximum production rate but not later than 180 days after the commencement of trial operations. The parameters to be tested in 2023 will be PM10, PM2.5, NOx, CO, SO2, VOC, arsenic, benzene, formaldehyde and lead. Testing for each pollutant shall be performed once every 12-month period until three consecutive tests demonstrate compliance with its applicable emission limit.

If the facility ever burns fuel oil, within 60 days they must verify PM10, PM2.5, NOx, VOC, SO2, arsenic, benzene and formaldehyde and lead.

**Complaints:**

As of the date of the inspection, 4/12/2023, AQD had so far received 2 complaints regarding this facility:

1. 9/14/2021: A complaint was received, alleging unpermitted installation of weigh scales, and concrete pipes laid in a trench. AQD investigated the same day, and found no evidence of weigh scales. Concrete pipes and other materials were stored onsite, and there had been earth moving activities, but no pouring of concrete footings was observed. Federal guidance defines pouring of concrete footings as the start of an installation process.
2. 2/15/2022: A fugitive dust complaint was received as a referral from the U.S. Environmental Protection Agency. AQD investigated late in the day on 3/2/2022 and observed moderate to heavy fugitive dust on Energy Drive, resulting from trackout of material from the construction site. The company agreed to have this cleaned up the next day by a vacuum sweeper truck.

**Previous AQD field activities:**

AQD staff visited the site on 30 separate occasions prior to today's date, to check for compliance issues during the site preparation process and the installation/construction of the HMA plant. No instances of noncompliance were identified.

**Safety apparel required:**

Safety glasses with side shields, steel-toed boots, hard hats, and high visibility vests are required. D. McGeen also brought hearing protection, if needed, and wore a disposable paper mask, out of personal preference, to reduce to the risk of transmission of COVID.

**Arrival in area on 4/12/2023:**

AQD was represented by inspector D. McGeen. This partial inspection was unannounced, however, the company was previously aware that AQD had some interest in witnessing startup activities, based on AQD's 4/4/2023 email, and a 4/10 phone call.

- Arrival in area: 10:00 AM at N. Dort Hwy. and E. Carpenter Rd.
- Weather conditions: Sunny and 71 degrees F, with winds out of the west southwest at 15 mph

**Odor evaluation:**

An odor evaluation was conducted, driving to the intersection of E. Carpenter Road and N. Dort Highway, north on N. Dort, east and north on Schaaf Drive, east on Coldwater Road, south on Bray Road, and west on E. Carpenter Road. D. McGeen drove north on Energy Drive, turned around south of Genesee Power Station, and stopped along Energy Drive, opposite of the Ajax Materials site. The front windows of the state vehicle were rolled down, as is usual practice. D. McGeen's disposable paper mask was not worn over the nose or mouth, during the odor evaluation.

Odors were detected as follows:

Time	Location	Odor Level	Odor Description	Comments
10:00 AM	N. Dort Hwy. and E. Carpenter Rd.	1	Oily odor	Source unknown.
10:04 AM	Bray Rd.	2	Genesee Power Station woodpile	At Bluebell Beach entrance to a Genesee County park; odor was also detectable for several hundred feet to the south.
10:05 AM	Bray Rd.	1	Asphalt	About 100 feet north of the tabernacle on Bray Rd.

The AQD 0 to 5 odor scale is as follows:

0 - Non-Detect

1 - Just barely detectable

2 - Distinct and definite odor

3 - Distinct and definite objectionable odor

4 - Odor strong enough to cause a person to attempt to avoid it completely

5 - Odor so strong as to be overpowering and intolerable for any length of time

The level 1 asphalt odor detected on Bray Road was determined to be insufficient to constitute a violation of Michigan Air Pollution Control (MAPC) Rule 901(b), which prohibits unreasonable interference with the comfortable enjoyment of life and property.

**Arrival at site:**



AQD parked along Energy Drive at 10:12 AM, and immediately received a complaint phone call, which was not related to Ajax Materials. After speaking with the complainant, D. McGeen called Ajax Materials' consultant and environmental manager, Kathleen Anderson, President of Axis Environmental Consulting Corp., to request entrance to the site. She advised D. McGeen to check in with the security guard, and to use the left side of the entrance, as they were getting ready to pave the right side.

At 10:30 AM, D. McGeen entered the site, and was directed to park near the base of the baghouse exhaust stack, as that area had already been paved with a base coat. He then met with Ajax Materials Operations Manager Dave Grabowski, and with K. Anderson. The purpose of the visit was explained, to observe the plant during startup activities, as part of assuring compliance with air requirements.

D. McGeen was informed that a little HMA paving material had been made yesterday and applied to onsite roadways. The haul road for incoming aggregate was now paved with a basecoat, and would receive a topcoat, but not today. Today the focus was on paving other areas with a basecoat.

**Walk-through of plant:**

The plant was operating, with no opacity or steam from the baghouse exhaust stack. Plant startup was reported to have been two days earlier, on 4/10.

**HMA plant operating data on 4/12/2023, at 11:00 AM:**

Parameters	Value
Production rate	263 tons per hour (TPH)
Mix temperature	302 degrees F
Mix	3EML
Virgin aggregate rate	190 TPH
Recycled Asphalt Pavement (RAP) rate	63 TPH
% RAP	24.0%
Baghouse pressure drop	2.2 inches, water column (w.c.)
Fuel type	Natural gas

**Note: Data in the above table reflects PTI 90-21, SC EUHMAPLANT, SC VI.7, which requires that:**

The permittee shall keep daily records of the following production information for EUHMAPLANT, updated upon the start of each new blend:

- a) The virgin aggregate feed rate.
- b) The RAP feed rate.
- c) The asphalt paving material product temperature.
- d) Information sufficient to identify all ingredients of the asphalt paving material mixture.

Upon start-up, the permittee shall record the initial mix design and time. When a new mix design is activated after start-up, the permittee shall record the time and new mix design. The permittee shall keep all records on file until the end of the paving season in which they were recorded and make them available to the Department upon request.

**While onsite, D. McGeen checked for opacity, or visible emissions, from the plant's baghouse exhaust stack, as well as from fugitive sources. Please see below.**

**Visible emissions check:**

Source	Visible emissions?
Baghouse exhaust stack	None upon arrival or departure*
Drum dryer	None
Burner	None
Virgin aggregate conveyors	None
Virgin aggregate scalper screen	None
RAP conveyors	None
RAP scalper screen	None
RAP collar	None
Ductwork	None
Knockout box (gravity collector)	None
Baghouse dust recycling lines to drum X 2	None
Mineral filler silo	None

6 liquid AC tanks w/shared condenser	None
Drag slat conveyor	None
Top of silos	None
Truck loadout	Yes; see compliance checklist for EUSILOS
Blue smoke control device	None
Paved roadways	None
Unpaved roadways	None

\*Neither opacity nor steam was observed from the baghouse exhaust stack upon arrival or departure. During the mid-point of the site visit, standing at the base of the baghouse exhaust stack, and looking up towards the sun, D. McGeen saw a very faint backlit plume of either blue smoke or steam, but this was not a proper angle or viewing location for Method 9 visible emission observation. When D. McGeen was in a different location with the sun at his back, there was no opacity, and no steam plume.

**CO readings from fine-tuning the drum dryer burner(s) on 4/12/2023:**

AQD inquired if there was a date set for the fine tuning of the drum mix burner(s). K. Anderson indicated that this had been done earlier today, and showed the recordkeeping to D. McGeen. Please see below, for the 8 CO readings taken by K. Anderson over a span of 31 minutes.

CO Reading #	Time Reading Taken	CO PPM
1	8:10 AM	259
2	8:14 AM	261
3	8:17 AM	241
4	8:19 AM	229
5	8:23 AM	157

6	8:30 AM	154
7	8:35 AM	157
8	8:41 AM	139

**Production data associated with the above CO readings:**

- Fuel type: Natural gas
- Production rate: 261 TPH
- RAP content: 28%
- Mix type: 3EML

**Baghouse black light testng records shown to AQD:**

- Date: 3/31/2023
- Time: 6:00 AM
- Company employee: Scott Maxwell
- “No bad bags (all brand new), all seated correctly.”
- Was a black light test performed: “Yes.”
- What was the reason for the black light test? “Startup of paving season.”
- Findings: “No dust detected on tube sheet.”
- How many filter bags replaced: “None”
- Date of replacement: “N/A”
- Time of replacement: “N/A”
- Filters replaced: “N/A”
- “No other maintenance”

A bag replacement sheet, with a diagram, showed that there are 924 bags in the baghouse. D. Grabowski showed D. McGeen spare filter bags kept onsite, in storage, said to be 30 in all.

**Compliance check with select conditions of PTI 90-21:**

**EUHMAPLANT; PTI 90-21:**

**DESCRIPTION** Hot mix asphalt (HMA) facility including: aggregate conveyors, a 500 tph counter-flow drum, and a 100,000 cfm baghouse.

**Flexible Group ID:** NA

**POLLUTION CONTROL EQUIPMENT** Fabric filter dust collector.

**Compliance checklist for selected special conditions under PTI 90-21, EUHMAPLANT:**

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PTI 90-21 Special Condition (SC)	Requirement	Comments	Complies?
EUHMAPLANT, SC I.28	Opacity limit of 20% over a 6-minute average, for drum dryer; systems for handling, storing, and weighing hot aggregate; systems for loading, transferring, and storing mineral filler/aggregate and the loading, transfer, and storage systems associated with emission control systems.	Instantaneously, opacity was 0% as seen from proper visible emission viewing angles.	Yes
EUHMAPLANT, SC II.1	The permittee shall not burn any fuel other than natural gas, propane, and fuel oil #1-6 in EUHMAPLANT. Fuel oil #6 shall have no more than a 1% sulfur content, all other fuel oils are limited to 0.5%.	The plant was burning natural gas as fuel.	Yes
EUHMAPLANT, SC II.2	The permittee shall not use any asbestos tailings or waste materials containing asbestos in EUHMAPLANT pursuant to the National Emission Standards for Hazardous Air Pollutants, 40 CFR Part 61, Subpart M.	AQD was advised that no asbestos tailings or waste materials containing asbestos were used. There was no sign of any evidence to the contrary.	Yes
EUHMAPLANT, SC II.3	The permittee shall limit the asphalt mixture processed in EUHMAPLANT to a maximum of 50 percent RAP material based on a weekly average.	The % RAP content, based on instantaneous values of production and RAP tonnage, was 24%. The attached plant records show that the weekly average was 28%.	Yes
EUHMAPLANT, SC II.4	The permittee shall not process more than 876,322 tons of HMA paving materials in EUHMAPLANT per 12-month rolling time period as determined at the end of each calendar month.	It was not possible at this time to more fully evaluate compliance with this condition, as the plant had only begun operating on 4/10/2023. However, over the few days of operations so far, production	Yes

		could not realistically be expected to exceed this total.	
<b>EUHMAPLANT, SC II.5</b>	<b>The permittee shall not process more than 550 tons of HMA paving materials in EUHMAPLANT per hour as determined at the end of each hour.</b>	<p>The plant was operating at a production rate of 263 TPH, as observed instantaneously. The attached Excel spreadsheet provides the value as determined at the end of each hour for operations on 4/12/2023:</p> <ul style="list-style-type: none"> <li>• 7:30-8:30 AM: 265.09 TPH</li> <li>• 8:30-9:30 AM: 261.67 TPH</li> <li>• 9:30-10:30 AM: 261.29 TPH</li> <li>• 10:30-11:30 AM: 261.52 TPH</li> <li>• 11:30 AM-12:30 PM: 261.3 TPH</li> <li>• 12:30-1:23 PM: 219.76 TPH</li> </ul> <p>The data is currently recorded every 15 minutes, and 4 values are then combined to make the hourly value, K. Anderson advised on 5/31/2023, but the plant will create a new report to make the hourly data easier to access.</p>	<b>Yes</b>
<b>EUHMAPLANT, SC II.6</b>	<b>The permittee shall not process more than 12,000 tons of HMA paving materials per day in EUHMAPLANT as determined at the end of each calendar day.</b>	<b>Production records were received on 5/25/2023, per AQD's 5/23 request. They show that on 4/12, daily production was 1,528.80 tons. On other dates of operation between 4/10 and 4/20, daily production totals were lower.</b>	<b>Yes</b>
<b>EUHMAPLANT, SC II.9</b>	<b>The permittee shall keep records, as described in SC VI.3, of all CO emissions and related production data including the dates and times emissions were monitored. This data shall be used to ensure proper</b>	<b>CO emissions data had been collected during the fine tuning of the burner earlier on 4/12/2023, K. Anderson advised AQD, and she provided access to CO records. Please see table of</b>	<b>Yes</b>

	operation of the drum dryer or associated burner. The permittee shall keep all records on file and make them available to the Department upon request.	CO data, earlier in this activity report.	
EUHMAPLANT, SC III.1	The permittee shall not operate EUHMAPLANT unless the Fugitive Dust Control Plan for EUYARD specified in Appendix A, or alternative as approved by the district supervisor, has been implemented and is maintained.	The facility was in the process of paving parking areas, and, per Appendix A, requirement 2.a, the roads on which HMA haul vehicles and aggregate haul trucks shall travel. Records of dust control activities (attached) were received on 5/30/2023, per AQD's 5/26 request. They cover from 4/11-5/25/2023, and show which activities were done on which days of operation.	Yes
EUHMAPLANT, SC III.4	The permittee shall maintain the efficiency of the EUHMAPLANT drum mix burners, to control CO emissions, by fine tuning the burners for proper burner operation and performance. The permittee shall fine tune the burners at the startup of the drum mix fuel burners; upon each paving season; after every 500 hours of operation thereafter or upon a malfunction of EUHMAPLANT as shown by the CO emission monitoring data, whichever occurs first.	AQD inquired if there was a date set for the fine tuning of the drum mix burner(s). K. Anderson indicated that this had been done this morning. Please see the table of 8 CO readings, earlier in this activity report.	Yes
EUHMAPLANT, SC III.5	The permittee shall install and operate the asphalt plant as reviewed in the permit application for PTI 90-21 except as allowed under Rules 201 and Rule 278(1)(b).	AQD did not observe anything which conflicted with this requirement.	Yes
EUHMAPLANT, SC IV.1	The permittee shall install, maintain, and operate the fabric filter dust collector, associated parameter monitoring, recording	The baghouse appeared to be operated in a satisfactory manner. There was no opacity from the baghouse exhaust stack	Yes

	<p>system, and associated alarm systems for EUHMAPLNT in a satisfactory manner. The baghouse shall be equipped with a bag leak detection system and alarm. The bag leak alarm system that will be calibrated and fully operational within 180 days of startup. Except as allowed in Appendix C, satisfactory operation of the fabric filter dust collector requires a pressure drop range between 2 and 10 inches of water column during operation. The minimum pressure drop shall not be less than 2 inches water gauge during operation, unless a reason acceptable to the AQD has been provided, such as when a large number of filter bags have been replaced.</p>	<p>as seen from proper visible emission viewing angles. Baghouse pressure drop was 2.2 inches water column (w.c.), instantaneously, within the required range. AQD was informed that the bag leak detection system and alarm has been installed.</p>	
<p>EUHMAPLANT, SC V.6</p>	<p>The permittee shall perform a visible emission observation for the drum dryer; systems for screening, handling, storing, and weighing hot aggregate; systems for loading, transferring, and storing (including piles) mineral filler/aggregate; and the loading, transfer, and storage systems associated with emission control</p> <p>systems once every 3 hours of operation and at least once a day when EUHMAPLANT is operating during daylight hours, using a method acceptable to the AQD. If the permittee observes visible emissions, the permittee shall do one of the following:</p> <p>a) Perform a Method 9 for visible emissions. If after performing the</p>	<p>AQD had discussed the intent of this requirement by phone, prior to 4/12/2023, with K. Anderson.</p> <p>On 5/23/2023, AQD requested records to document compliance with this condition. The attached daily records from 4/10-4/20 indicate compliance with this requirement.</p>	<p>Yes</p>



	<p><b>Method 9 visible emissions reading, the permittee determines that visible emissions from the observation points exceed 20% opacity, the permittee shall immediately initiate an investigation to determine the cause of the visible emissions and initiate prompt corrective action: or</b></p> <p><b>b) Determine the cause of the visible emissions and initiate prompt corrective action.</b></p> <p><b>A minimum of one Method 9 observation is required per day, during daylight hours. Records will include the time of each visible emissions observation and Method 9 reading, the reason if an observation or reading is not taken, if visible emissions were observed, identification of the cause, the corrective action taken, and the time of completion of corrective action.</b></p>		
<p><b>EUHMAPLANT, SC VI.3</b></p>	<p><b>The permittee shall monitor, with a handheld CO monitor, the CO emissions from EUHMAPLANT and the production data associated with the time the emissions data were collected. The CO emissions should be less than 500 ppmv to ensure EUHMAPLANT is operating properly. One data set shall be recorded for each of the following occurrences:</b></p>	<p><b>AQD inquired if there was a date set for the fine tuning of the drum mix burner(s). K. Anderson indicated that this had been done this morning. Please see the table of 8 CO readings, taken over a span of 31 minutes by K. Anderson. Associated production data included the fuel type (natural gas), production rate (261 TPH), RAP content (28%), and mix type.</b></p>	<p><b>Yes</b></p>

	<p>a) Upon start-up of each paving season.</p> <p>b) Upon a malfunction of the drum dryer or its associated burner.</p> <p>c) After every 500 hours of operation.</p> <p>A data set shall consist of at least eight separate CO readings and shall be taken over a total time period of 30 minutes or longer. The permittee shall submit any request for an alternate monitoring schedule in writing to the AQD District Supervisor for review and approval. Data collected by this method shall be used for determining proper burner operation</p>		
<p><b>EUHMAPLANT, SC VI.7</b></p>	<p>The permittee shall keep daily records of the following production information for EUHMAPLANT, updated upon the start of each new blend:</p> <p>a) The virgin aggregate feed rate.</p> <p>b) The RAP feed rate.</p> <p>c) The asphalt paving material product temperature.</p> <p>d) Information sufficient to identify all ingredients of the asphalt paving material mixture.</p> <p>Upon start-up, the permittee shall record the initial mix design and time. When a new mix design is activated after start-up, the</p>	<p>The attached records for 4/12/2023 show virgin aggregate and RAP feed rates, HMA product temperature, all ingredients of the paving mixture, mix design, and time.</p>	<p>Yes</p>

	<p>permittee shall record the time and new mix design. The permittee shall keep all records</p> <p>on file until the end of the paving season in which they were recorded and make them available to the Department upon request.</p>		
<p><b>EUHMAPLANT, SC VI.9</b></p>	<p>The permittee shall keep records, as described in SC VI.3, of all CO emissions and related production data including the dates and times emissions were monitored. This data shall be used to ensure proper operation of the drum dryer or associated burner. The permittee shall keep all records on file and make them available to the Department upon request.</p>	<p>The CO readings from 4/12/2023 were made available to D. McGeen upon request, while onsite; please see the table earlier in this report.</p>	<p>Yes</p>
<p><b>EUHMAPLANT, SC VII.1</b></p>	<p>Within 30 days after completion of the installation, construction, reconstruction, relocation, or modification authorized by this Permit to Install, the permittee or the authorized agent pursuant to Rule 204, shall notify the AQD District Supervisor, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, or modification is considered to occur not later than commencement of trial operation of EUHMAPLANT.</p>	<p>On 4/24/2023, the company informed AQD in writing that trial operations commenced on 4/10/2023.</p>	<p>Yes</p>
<p><b>EUHMAPLANT, SC VIII.1</b></p>	<p>The exhaust gases shall be discharged unobstructed vertically upwards through a stack with a maximum diameter of 68 inches, and a minimum height of 80 feet above ground level.</p>	<p>D. McGeen advised D. Grabowski that from offsite on 7/13/2022 he had obtained several stack height readings with a laser rangefinder, which read slightly less than 80 feet in height.</p> <p>The readings were as follows:</p>	<p>Yes</p>

		<ol style="list-style-type: none"> <li>1. 75.0 feet</li> <li>2. 72.0 feet</li> <li>3. 73.3 feet</li> <li>4. 76.0 feet</li> </ol> <p>The variability in the above readings, and the measurements being less than 80 feet, could potentially be caused by slight unsteadiness in the operator's hands. The distance between D. McGeen and the stack of roughly 269 feet on 7/13/2022 could potentially magnify any such errors.</p> <p>D. Grabowski explained that he had personally measured every stack segment with a tape measure before they were assembled, and they added up to 80 feet.</p>	
<p><b>EUHMAPLANT, SC VIII.2</b></p>	<p>The permittee shall locate SVHMADRUM at least 255 feet from the closest property line.</p>	<p>Using a laser rangefinder, D. McGeen had measured the distance from the stack to the west property line from offsite on 7/13/2022 and found that it met the minimum distance. From onsite in 2023, the distance to the south property line will be measured; the distance to the north and east property lines is clearly met.</p>	<p>Yes</p>
<p><b>EUHMAPLANT, SC IX.1</b></p>	<p>The permittee shall install and maintain berms, fences, windbreaks, and/or trespassing warning signage as appropriate to secure the property boundary. Within 30 days of the first operation of EUHMAPLANT, the permittee shall submit to the AQD Supervisor confirmation of installation and a diagram of the location of each method being used.</p>	<p>It was evident that berms and fencing had been installed at the site. On 4/24/2023, AQD received written confirmation of installation, and a diagram showing the location of each method used.</p>	<p>Yes</p>

**EUYARD; PTI 90-21:**

**DESCRIPTION** Fugitive dust sources including: plant roadways, plant yard, material storage piles, material handling operations (excluding cold feed aggregate bins).

**Flexible Group ID:** NA

**POLLUTION CONTROL EQUIPMENT** Controls as specified in the Fugitive Dust Control Plan in Appendix A

D. McGeen was informed that for fugitive dust control, sprinklers will be installed for the entire paved loop road, and that the plant's water truck will apply water to unpaved yard areas intermittently. Calcium chloride application is also part of their fugitive dust control program. Yard areas where vehicle travel will not occur were reported to have been seeded, to establish plant cover.

D. McGeen was shown the wind speed sensor required by PTI 90-21, SC EUYARD SC IV.1. K. Anderson inquired if recording data once per minute would be sufficient to satisfy the permit's requirement for continuous recording, as the storage of large amounts of data was said to be costly. Federal air requirements typically define "continuous" as being a minimum of once every 15 minutes. Therefore, the company must meet that as a minimum frequency.

If data is recorded more frequently, like once per minute, this could be to the company's benefit, for demonstrating compliance. Recording data only once every 15 minutes could potentially miss capturing wind gust data. For instance, the attached Ajax Materials wind sensor readings for 4/12/2023, taken every 15 minutes, show the strongest wind speed was 16.4 mph. AQD staff estimated brief wind gusts as higher than that. Weather data for 4/12/2023 from Flint's Bishop International Airport, attached for reference, shows maximum wind gusts of 30 and 31 mph, as well as sustained winds of lesser speeds out of the WSW, at 10:53 and 11:53 AM, respectively. AQD was onsite from 10:30-11:55 AM today, which corresponds with that time frame of strong, gusty winds in Flint.

**Compliance checklist with selected special conditions for PTI 90-21, EUYARD:**

PTI 90-21 Special Condition (SC)	Requirement	Comments	Complies?
EUYARD, SC I.1	During the operating season, the permittee shall control the emissions from all roads and unpaved travel surfaces by the application of water, sweeping, vacuuming, or other acceptable dust control method on a frequency sufficient to meet the visible emission opacity standard of	Calcium chloride had been used on unpaved travel surfaces. Opacity was 0% from paved and unpaved travel surfaces. Due to strong, intermittent wind gusts, brief opacity was witnessed from an unpaved area next to the control tower, which was about to be	Yes

	five (5) percent opacity on a continuous basis.	paved, but the opacity would have averaged out to be below 5%, over a 6-minute average.	
<b>EUYARD, SC I.2</b>	The permittee shall not allow any visible emissions from any aggregate storage pile in EUYARD unless the visible emissions are the direct result of activity on the applicable pile or wind speeds of at least 12 miles per hour. The visible emissions when there is activity on the pile or the wind speeds are at least 12 miles per hour shall not exceed 20% opacity as specified in GC11 and EUHMAPLANT SC I.28.	Visible emissions were not seen from any aggregate storage pile in EUYARD.	Yes
<b>EUYARD, SC II.</b>	NA	NA	NA
<b>EUYARD, SC III.1</b>	The permittee shall not operate EUYARD unless the fugitive dust control plan specified in Appendix A has been implemented and is maintained. The permittee shall submit modifications to this fugitive dust control plan if it does not adequately control the emissions upon request of the District Supervisor. Any changes made to the fugitive dust plan must be pre-approved in writing from the district prior to implementation.	The facility appeared to be implementing the fugitive dust control plan in Appendix A, based on the overall absence of fugitive dust, and on facility recordkeeping of dust control activities received on 5/30/2023, per AQD's 5/26 records request.	Yes
<b>EUYARD, SC IV.</b>	The permittee shall install, maintain, and operate a wind speed monitor and continuous recording system in a satisfactory manner. Satisfactory operation includes operating the wind speed monitor and recording system at all times except for the period between paving seasons when the plant is inactive.	The facility had installed and was operating a wind speed monitor. The federal definition of "continuous" is typically every 15 minutes for monitoring and recording, and the facility's recording wind speed every 15 minutes is therefore acceptable. However, strong, intermittent wind gusts today did not appear to be	Yes

		captured in the attached Ajax Materials wind speed records, by this frequency of monitoring.	
EUYARD, SC V.	NA	NA	NA
EUYARD SC VI.3	The permittee shall maintain a record of all activities required by the fugitive dust plan in Appendix A.	Records of dust control activities (attached) were received on 5/30/2023, per AQD's 5/26 request. They cover from 4/11-5/25/2023, and show which activities were done on which days of operation.	Yes
EUYARD SC VI.4	The permittee shall maintain a record of the recorded wind speeds in a format acceptable to the AQD District Supervisor and make them available upon request.	K. Anderson provided a copy of wind speed data from the onsite sensor for 4/12/2023, please see attached. The format is considered acceptable.	Yes
EUYARD, SC VIII.	NA	NA	NA
EUYARD, SC IX.	NA	NA	NA

**EUACTANKS; PTI 90-21:**

**DESCRIPTION** Six 30,000 gallon liquid asphalt cement storage tanks with a total heat capacity of 2 MMBtu/hr.

**Flexible Group ID:** NA

**POLLUTION CONTROL EQUIPMENT** Vapor condensation and recovery system

**Compliance check with PTI 90-21, for emission unit EUACTANKS:**

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<b>PTI 90-21 Special Condition (SC)</b>	<b>Requirement</b>	<b>Comments</b>	<b>Complies?</b>
<b>EUACTANKS, SC I.</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>EUACTANKS, SC II.</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>EUACTANKS, SC III.1</b>	<b>The permittee shall not operate EUACTANKS unless the vapor condensation and recovery system is installed, maintained, and operated consistent with manufacturers recommendations.</b>	<b>The Astec condenser unit shared by the 6 liquid AC tanks appeared to be operating properly, based on the absence of odors and visible emissions from the unit. Please see photo No. 001.  AQD will inquire as to manufacturer's recommendations for operation and maintenance.</b>	<b>Yes</b>
<b>EUACTANKS, SC IV.</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>EUACTANKS, SC V.</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>EUACTANKS, SC VII.</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>EUACTANKS, SC IX.</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

**EUSILOS; PTI 90-21:**

**DESCRIPTION** Eight 300 ton capacity hot mix asphalt (HMA) paving material product storage silos.

**Flexible Group ID:** NA



**POLLUTION CONTROL EQUIPMENT Top of silo emission controls and loadout controls****Compliance checklist for selected special conditions for PTI 90-21, EUSILOS:**

PTI 90-21 Special Condition (SC)	Requirement	Comments	Complies?
EUSILOS, SC I.	NA	NA	NA
EUSILOS, SC II.	NA	NA	NA
EUSILOS, SC III.1	The permittee shall not operate EUSILOS unless the emission capture system for the top of each storage silo is installed, maintained, and operated in a satisfactory manner. The permittee shall vent emissions collected from the top of the silos into a filtering system or shall control the emissions by equivalent means.	There were no emissions of either blue smoke or steam from the top of each storage silo. Based on this, the emission capture system for the top of each storage silo appeared to be installed and operated in a satisfactory manner.	Yes
EUSILOS, SC III.2	The permittee shall not operate EUSILOS unless emissions from the load-out area are properly captured and controlled. Unless otherwise specified by the District Supervisor, proper capture includes enclosing the truck load-out area with sides that extend to five feet above the top of the road grade at the entrance to the scale and, if appropriate, include wind blocking for entrance and exit points. If the load-out area inadequately captures and controls load-out emissions, the permittee shall modify the system or operation as requested by the District Supervisor. The permittee shall vent emissions collected from the truck load-out area into a filtering	Strong, intermittent wind gusts out of a westerly direction traveled through the northernmost loadout tunnel, blowing blue smoke and/or steam out of the east end of the tunnel. Emissions from the loadout area were not properly captured and controlled at this time. Discretion is being used to not cite a violation at this time, due to wind conditions, but further evaluation is warranted to determine if modification to the load-out	No

	<p>system or shall control the emissions by equivalent means. Any plans considered by the permittee as equivalent means shall be pre-approved in writing by the District Supervisor. The permittee shall not operate EUSILOS unless the silo load-out control system is installed, maintained and operated in a satisfactory manner.</p>	<p>modification the loadout capture and control system is needed. If appropriate, wind blocking should be used.</p> <p>The sides of the loadout tunnels appeared to extend to slightly less than five feet above the top of the road grade at the entrance to the scale, covering more of the side of the tunnel than the bare minimum. However, there were 3 cutout panels spaced along the lower edge of the north tunnel wall. Covering these openings in some fashion would ensure that the five foot minimum is met.</p>	
EUSILOS, SC IV.	NA	NA	NA
EUSILOS, SC V.	NA	NA	NA
EUSILOS, SC VI.	NA	NA	NA
EUSILOS, SC VII.	NA	NA	NA
EUSILOS, SC IX.	NA	NA	NA

**Departure:**

D. McGeen left the site at 11:55 AM, for other field work.

**Conclusion:**

Overall, the facility was meeting the selected requirements of PTI 90-21 which were reviewed, but the emission capture system for the north truck loadout tunnel was not able to keep strong, intermittent wind gusts from blowing blue smoke out the east end of the tunnel. It was not properly capturing and controlling these emissions, per PTI 90-21, EUSILOS, SC III.2. Discretion is being used at this time not to cite a violation, but AQD will engage with Ajax Materials to ensure that the emission capture system for the truck loadout is working properly. The language in the special condition states that if appropriate, wind blocking should be used for entrance and exit points.

AQD will continue to evaluate compliance at the site, including but not limited to inspections, observing stack testing, responding to complaints, and conducting odor evaluations and visible emission evaluations, as time and resources allow.



**Image 1(001)** : Astec condenser control device shared by 6 liquid AC storage tanks.

NAME *Daniel A. [Signature]*

DATE 6/2/2023

SUPERVISOR *RB*



# Ajax Materials Corporation

## Rap Usage Report

Plant: Genesee Township

Dates: 4/10/2023 To 4/16/2023

### Genesee Township

<u>Date</u>	<u>Rap Used (tons)</u>
4/10/2023	47.06
4/11/2023	415.93
4/12/2023	428.95
4/13/2023	228.87
<b><u>Genesee Township subtotal:</u></b>	
<b>Total Rap Used</b>	<b>1,120.81</b>
<b>Total Tons Produced</b>	<b>4,056.40</b>
<b>Average Rap Usage</b>	<b>28%</b>

### Grand Total:

<b>Total Rap Used</b>	<b>1,120.81</b>
<b>Total Tons Produced</b>	<b>4,056.40</b>
<b>Average Rap Usage</b>	<b>28%</b>



# Ajax Materials Corporation

S.C. II 5

## Emissions Report

Plant: Genesee Township

Dates: 4/12/2023 To 4/12/2023

Date	Tons Produced	Hours of Operation	Tons/Hour	Gas Tons	Oil Tons	PM10/hr	SO2/hr	NOX/hr	CO/hr	PM2.5/hr	PM/hr
4/12/2023	1,528.80	6.10	250.6	1,529	0	0.006	0.011	0.009	0.025	0.006	0.005
<b>Total</b>	<b>1,528.80</b>	<b>6.10</b>	<b>250.6</b>	<b>1,529</b>	<b>0</b>	<b>0.006</b>	<b>0.011</b>	<b>0.009</b>	<b>0.025</b>	<b>0.006</b>	<b>0.005</b>

<b>Last Month Avg:</b>	1,714	6.50	263.7	1,714	0	0.007	0.012	0.009	0.026	0.007	0.005
<b>12 Month Avg:</b>	1,714	6.50	263.7	1,714	0	0.007	0.012	0.009	0.026	0.007	0.005

Emission Items:		
Item	Gas Tons Factor	Oil Tons Factor
PM10:	0.05	0
SO2:	0.089	0
NOX:	0.07	0
CO:	0.2	0
PM2.5:	0.05	0
PM:	0.036	0





# Ajax Materials Corporation

S.C. II.6

## Emissions Report

Plant: Genesee Township

Dates: 4/10/2023 To 4/21/2023

Date	Tons Produced	Hours of Operation	Tons/Hour	Gas Tons	Oil Tons	PM10/hr	SO2/hr	NOX/hr	CO/hr	PM2.5/hr	PM/hr
4/10/2023	241.50	1.00	241.5	242	0	0.006	0.011	0.008	0.024	0.006	0.004
4/11/2023	1,472.30	5.50	267.7	1,472	0	0.007	0.012	0.009	0.027	0.007	0.005
4/12/2023	1,528.80	6.10	250.6	1,529	0	0.006	0.011	0.009	0.025	0.006	0.005
4/13/2023	813.80	3.25	250.4	814	0	0.006	0.011	0.009	0.025	0.006	0.005
4/19/2023	1,104.04	4.40	250.9	1,104	0	0.006	0.011	0.009	0.025	0.006	0.005
4/20/2023	819.20	3.00	273.1	819	0	0.007	0.012	0.010	0.027	0.007	0.005
<b>Total</b>	<b>5,979.64</b>	<b>23.25</b>	<b>257.2</b>	<b>5,980</b>	<b>0</b>	<b>0.006</b>	<b>0.011</b>	<b>0.009</b>	<b>0.026</b>	<b>0.006</b>	<b>0.005</b>

Emission Items:		
Item	Gas Tons Factor	Oil Tons Factor
PM10:	0.05	0
SO2:	0.089	0
NOX:	0.07	0
CO:	0.2	0
PM2.5:	0.05	0
PM:	0.036	0

### Daily Visible Observation

Instructions: Once per day, during daylight hours, perform a documented visible emission reading of each of the following potential emission points. If an emission is observed, then perform a 6 minute Method 9 (24 readings @ 15 sec. consecutive intervals) and document. Initiate corrective action.

Date: 4.10.23

If readings could not be taken, please write reason here:

Time:

Equipment List	Are there visible emissions? (Circle one)		Time of visible emission? If no emissions, put NA	If yes, what is the Opacity Reading?	Cause of the emission?	Corrective action taken and time completed?
Drum/Dryer:	Yes	<input checked="" type="radio"/> No	NA	% Opacity		
Systems for handling, storing & weighing hot aggregate						
Drag Slat	Yes	<input checked="" type="radio"/> No	↓	% Opacity		
Top of Silo	Yes	<input checked="" type="radio"/> No		% Opacity		
Silo Loadout	Yes	<input checked="" type="radio"/> No		% Opacity		
Systems for loading, transferring & storing mineral filler and aggregate						
Mineral Fill Silo	Yes	No <input checked="" type="radio"/> NA		% Opacity		
Cold Aggregate Conveyor System	Yes	<input checked="" type="radio"/> No		% Opacity		
RAP Conveyor System	Yes	<input checked="" type="radio"/> No		% Opacity		
Aggregate Storage Piles	Yes	<input checked="" type="radio"/> No		% Opacity		
Baghouse Stack	Yes	<input checked="" type="radio"/> No		% Opacity		
Blue Smoke Exhaust	Yes	<input checked="" type="radio"/> No		% Opacity		
AC Tank Emission Control System	Yes	<input checked="" type="radio"/> No		% Opacity		

K Anderson 4.10.23



### Daily Visible Observation

Instructions: Once per day, during daylight hours, perform a documented visible emission reading of each of the following potential emission points. If an emission is observed, then perform a 6 minute Method 9 (24 readings @ 15 sec. consecutive intervals) and document. Initiate corrective action.

Date: 4.11.23

If readings could not be taken, please write reason here:

Time:

Equipment List	Are there visible emissions? (Circle one)		Time of visible emission? If no emissions, put NA	If yes, what is the Opacity Reading?	Cause of the emission?	Corrective action taken and time completed?
Drum/Dryer:	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
Systems for handling, storing & weighing hot aggregate						
Drag Slat	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
Top of Silo	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
Silo Loadout	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
Systems for loading, transferring & storing mineral filler and aggregate						
Mineral Fill Silo	Yes	<input checked="" type="radio"/> No <del>NA</del>	NA		% Opacity	
Cold Aggregate Conveyor System	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
RAP Conveyor System	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
Aggregate Storage Piles	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
Baghouse Stack	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
Blue Smoke Exhaust	Yes	<input checked="" type="radio"/> No	NA		% Opacity	
AC Tank Emission Control System	Yes	<input checked="" type="radio"/> No	NA		% Opacity	

*H. Anderson* 4.11.23

### Daily Visible Observation

Instructions: Once per day, during daylight hours, perform a documented visible emission reading of each of the following potential emission points. If an emission is observed, then perform a 6 minute Method 9 (24 readings @ 15 sec. consecutive intervals) and document. Initiate corrective action.

Date: 4/12/23

Time: 11:45 AM

If readings could not be taken, please write reason here:

Equipment List	Are there visible emissions? (Circle one)		Time of visible emission? If no emissions, put NA	If yes, what is the Opacity Reading?	Cause of the emission?	Corrective action taken and time completed?
	Yes	No				
Drum/Dryer:	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Systems for handling, storing & weighing hot aggregate						
Drag Slat	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Top of Silo	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Silo Loadout	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Systems for loading, transferring & storing mineral filler and aggregate						
Mineral Fill Silo	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Cold Aggregate Conveyor System	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
RAP Conveyor System	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Aggregate Storage Piles	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Baghouse Stack	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
Blue Smoke Exhaust	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	
AC Tank Emission Control System	Yes	<input checked="" type="radio"/> No	N/A		% Opacity	

Chris Edwards

### Daily Visible Observation

Instructions: Once per day, during daylight hours, perform a documented visible emission reading of each of the following potential emission points. If an emission is observed, then perform a 6 minute Method 9 (24 readings @ 15 sec. consecutive intervals) and document. Initiate corrective action.

Date: 4, 13, 23  
Time: 11:05 AM

If readings could not be taken,  
please write reason here:

Equipment List	Are there visible emissions? (Circle one)		Time of visible emission? If no emissions, put NA	If yes, what is the Opacity Reading?		Cause of the emission?	Corrective action taken and time completed?
	Yes	No		—	% Opacity		
Drum/Dryer:	Yes	(No)	NA	—	% Opacity	—	NA
Systems for handling, storing & weighing hot aggregate							
Drag Slat	Yes	(No)	NA	—	% Opacity	—	—
Top of Silo	Yes	(No)	NA	—	% Opacity	—	—
Silo Loadout	Yes	(No)	NA	—	% Opacity	—	—
Systems for loading, transferring & storing mineral filler and aggregate							
Mineral Fill Silo	Yes	(No)	NA	—	% Opacity	—	—
Cold Aggregate Conveyor System	Yes	(No)	NA	—	% Opacity	—	—
RAP Conveyor System	Yes	(No)	NA	—	% Opacity	—	—
Aggregate Storage Piles	Yes	(No)	NA	—	% Opacity	—	—
Baghouse Stack	Yes	(No)	NA	—	% Opacity	—	—
Blue Smoke Exhaust	Yes	(No)	NA	—	% Opacity	—	—
AC Tank Emission Control System	Yes	(No)	NA	—	% Opacity	—	—

*Katalan Anderson*

## Daily Visible Observation

Instructions: Once per day, during daylight hours, perform a documented visible emission reading of each of the following potential emission points. If an emission is observed, then perform a 6 minute Method 9 (24 readings @ 15 sec. consecutive intervals) and document. Initiate corrective action.

Date: 4/19/23

If readings could not be taken,

Time: 10:00am

please write reason here:

Equipment List	Are there visible emissions? (Circle one)		Time of visible emission? If no emissions, put NA	If yes, what is the Opacity Reading?	Cause of the emission?	Corrective action taken and time completed?
Drum/Dryer:	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Systems for handling, storing & weighing hot aggregate						
Drag Slat	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Top of Silo	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Silo Loadout	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Systems for loading, transferring & storing mineral filler and aggregate						
Mineral Fill Silo	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Cold Aggregate Conveyor System	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
RAP Conveyor System	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Aggregate Storage Piles	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Baghouse Stack	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
Blue Smoke Exhaust	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		
AC Tank Emission Control System	Yes	<input checked="" type="radio"/> No	N/A	% Opacity		

*OK*

Chris Edwards



## Daily Visible Observation

Instructions: Once per day, during daylight hours, perform a documented visible emission reading of each of the following potential emission points. If an emission is observed, then perform a 6 minute Method 9 (24 readings @ 15 sec. consecutive intervals) and document. Initiate corrective action.

Date: 4-20-23

If readings could not be taken,  
please write reason here:

Time: 10:05 AM

Equipment List	Are there visible emissions? (Circle one)		Time of visible emission? If no emissions, put NA	If yes, what is the Opacity Reading?	Cause of the emission?	Corrective action taken and time completed?
Drum/Dryer:	Yes	<u>No</u>	NA	% Opacity		
Systems for handling, storing & weighing hot aggregate						
Drag Slat	Yes	<u>No</u>	NA	% Opacity		
Top of Silo	Yes	<u>No</u>	NA	% Opacity		
Silo Loadout	Yes	<u>No</u>	NA	% Opacity		
Systems for loading, transferring & storing mineral filler and aggregate						
Mineral Fill Silo	Yes	<u>No</u>	NA	% Opacity		
Cold Aggregate Conveyor System	Yes	<u>No</u>	NA	% Opacity		
RAP Conveyor System	Yes	<u>No</u>	NA	% Opacity		
Aggregate Storage Piles	Yes	<u>No</u>	NA	% Opacity		
Baghouse Stack	Yes	<u>No</u>	NA	% Opacity		
Blue Smoke Exhaust	Yes	<u>No</u>	NA	% Opacity		
AC Tank Emission Control System	Yes	<u>No</u>	NA	% Opacity		

*Byron Balense*

S.C.V.1.7  
 REPORT RUN EVERY 15 MINUTES  
 THE RATE<sup>IS</sup> HIGHLIGHTED

C11001.S02 AJAX Plant 4 Process off 4/12/2023 5:45 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 5:48 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 6:00 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 6:15 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 6:25 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 6:25 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 6:25 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 6:30 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 6:45 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 7:00 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 7:15 AM  
 C11001.S02 AJAX Plant 4 Process off 4/12/2023 7:30 AM  
 C11001.S02 AJAX Plant 4 Process on 4/12/2023 7:31 AM

English - Mix: '3EML' 257 TPH @ 252 F 3.59 %mA/C Mix T: 58.6 Inc T: 58.49 4/12/2023 7:45:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 301 F 5.7 %rA/C] 2.17 %m +A/C 1.43 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	190	63	8.9	0.0	38	0	0	0	55	35	25	28	0	0	0	0	0	70	0	0
Total1 T	50.7	18.5	1.29	0.0	10.7	0.0	0.0	0.0	15.8	9.9	7.1	7.8	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0
Total2 T	1606.9	703.7	69.47	0.0	316.3	0.0	0.0	0.0	464.9	296.2	205.5	232.3	0.0	0.0	0.0	0.0	0.0	474.5	99.3	0.0
Blend Perc.	74.9	25.1	3.4	0.0	15.0	0.0	0.0	0.0	21.8	13.9	10.0	11.2	0.0	0.0	0.0	0.0	0.0	28.1	0.0	0.0
Errors	3	5	308	N/A	0	0	0	0	0	5	0	0	0	0	0	0	0	5	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By none none none none  
 Moisture % 1.0 0.0 0 1.000  
 Rate dTPH 0 0.0 0.0 0.00  
 Total1 T 0.0 0.0 0.0 0.0  
 Total2 T 0.0 0.0 0.0 0.0  
 Blend Perc. 0.0 0.0 0.0 0.0  
 Errors 0 0 0 0

English - Mix: '3EML' 260 TPH @ 315 F 4.90 %mA/C Mix T: 123.6 Inc T: 64.90 4/12/2023 8:00:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 301 F 5.7 %rA/C] 3.49 %m +A/C 1.41 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	189	65	8.2	0.0	38	0	0	0	55	34	25	28	0	0	0	0	0	69	0	0
Total1 T	97.3	34.5	3.55	0.0	20.1	0.0	0.0	0.0	29.5	18.7	13.3	14.7	0.0	0.0	0.0	0.0	0.0	35.9	0.0	0.0
Total2 T	1653.4	719.7	71.73	0.0	325.7	0.0	0.0	0.0	478.6	304.9	211.7	239.2	0.0	0.0	0.0	0.0	0.0	492.0	99.3	0.0
Blend Perc.	74.5	25.5	3.1	0.0	15.2	0.0	0.0	0.0	22.0	13.8	10.1	11.1	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.0
Errors	2	1	0	N/A	0	0	0	0	0	7	0	0	0	0	0	0	0	7	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By none none none none  
 Moisture % 1.0 0.0 0 1.000  
 Rate dTPH 0 0.0 0.0 0.00  
 Total1 T 0.0 0.0 0.0 0.0  
 Total2 T 0.0 0.0 0.0 0.0  
 Blend Perc. 0.0 0.0 0.0 0.0  
 Errors 0 0 0 0

English - Mix: '3EML' 259 TPH @ 289 F 4.90 %m/A/C Mix T: 188.2 Inc T: 64.66 4/12/2023 8:13:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.49 %m +A/C 1.41 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	189	65	9.4	0.0	38	0	0	0	55	35	25	27	0	0	0	0	0	70	0	0
Total1 T	143.7	50.5	5.81	0.0	29.5	0.0	0.0	0.0	43.3	27.4	19.6	21.6	0.0	0.0	0.0	0.0	0.0	53.4	0.0	0.0
Total2 T	1699.9	735.7	73.99	0.0	335.1	0.0	0.0	0.0	492.4	313.7	218.0	246.0	0.0	0.0	0.0	0.0	0.0	509.5	99.3	0.0
Blend Perc.	74.5	25.5	3.7	0.0	15.1	0.0	0.0	0.0	21.9	14.0	10.0	10.9	0.0	0.0	0.0	0.0	0.0	28.1	0.0	0.0
Errors	2	0	0	N/A	0	0	0	0	0	24	0	0	0	0	0	0	0	24	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0

English - Mix: '3EML' 260 TPH @ 317 F 4.90 %m/A/C Mix T: 253.2 Inc T: 65.01 4/12/2023 8:30:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.50 %m +A/C 1.40 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	183	65	9.1	0.0	38	0	0	0	55	36	25	28	0	0	0	0	0	70	0	0
Total1 T	190.5	66.5	8.09	0.0	38.8	0.0	0.0	0.0	57.0	36.2	25.8	28.4	0.0	0.0	0.0	0.0	0.0	70.9	0.0	0.0
Total2 T	1746.6	751.7	76.27	0.0	346.4	0.0	0.0	0.0	506.1	322.4	224.2	252.9	0.0	0.0	0.0	0.0	0.0	527.0	99.3	0.0
Blend Perc.	73.8	26.2	3.5	0.0	15.0	0.0	0.0	0.0	22.0	14.2	9.9	11.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
Errors	0	0	0	N/A	0	0	0	0	0	49	0	0	0	0	0	0	0	49	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0

English - Mix: '3EML' 262 TPH @ 341 F 4.90 %m/A/C Mix T: 318.6 Inc T: 65.42 4/12/2023 8:45:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.49 %m +A/C 1.41 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	184	63	9.2	0.0	37	0	0	0	55	34	25	27	0	0	0	0	0	70	0	0
Total1 T	237.5	82.6	10.37	0.0	48.2	0.0	0.0	0.0	70.8	44.9	32.1	35.3	0.0	0.0	0.0	0.0	0.0	88.4	0.0	0.0
Total2 T	1793.6	767.8	78.55	0.0	353.8	0.0	0.0	0.0	519.9	331.2	230.5	259.8	0.0	0.0	0.0	0.0	0.0	544.5	99.3	0.0
Blend Perc.	74.4	25.6	3.5	0.0	15.0	0.0	0.0	0.0	22.2	13.7	9.9	10.9	0.0	0.0	0.0	0.0	0.0	28.3	0.0	0.0
Errors	6	0	0	N/A	0	0	0	0	0	60	0	0	0	0	0	0	0	60	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0



English - Mix: '3EML' 261 TPH @ 336 F 4.90 %m/A/C Mix T: 384.0 Inc T: 65.37 4/12/2023 9:00:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.51 %m +A/C 1.40 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	192	65	9.2	0.0	38	0	0	0	55	34	25	28	0	0	0	0	0	69	0	0
Total1 T	284.6	98.7	12.66	0.0	57.6	0.0	0.0	0.0	84.5	53.7	38.3	42.2	0.0	0.0	0.0	0.0	0.0	105.9	0.0	0.0
Total2 T	1840.8	783.9	80.84	0.0	363.2	0.0	0.0	0.0	533.6	339.9	236.7	266.7	0.0	0.0	0.0	0.0	0.0	562.0	99.3	0.0
Blend Perc.	74.6	25.4	3.7	0.0	15.2	0.0	0.0	0.0	22.1	13.6	10.0	11.1	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
Errors	9	0	0	N/A	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	1	0	0	0

English - Mix: '3EML' 263 TPH @ 325 F 4.90 %m/A/C Mix T: 449.7 Inc T: 65.67 4/12/2023 9:15:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.50 %m +A/C 1.40 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	188	64	9.1	0.0	38	0	0	0	55	34	25	28	0	0	0	0	0	69	0	0
Total1 T	331.8	114.8	14.96	0.0	67.0	0.0	0.0	0.0	98.3	62.4	44.6	49.1	0.0	0.0	0.0	0.0	0.0	123.4	0.0	0.0
Total2 T	1888.0	800.0	83.14	0.0	372.6	0.0	0.0	0.0	547.4	348.7	243.0	273.5	0.0	0.0	0.0	0.0	0.0	579.5	99.3	0.0
Blend Perc.	74.6	25.4	3.5	0.0	15.2	0.0	0.0	0.0	22.3	13.5	10.1	11.1	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.0
Errors	6	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0

English - Mix: '3EML' 261 TPH @ 325 F 4.91 %m/A/C Mix T: 514.9 Inc T: 65.21 4/12/2023 9:30:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 299 F 5.7 %rA/C] 3.53 %m +A/C 1.38 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	190	62	9.2	0.0	38	0	0	0	55	32	25	28	0	0	0	0	0	70	0	0
Total1 T	378.9	130.6	17.26	0.0	76.3	0.0	0.0	0.0	112.0	71.2	50.8	55.9	0.0	0.0	0.0	0.0	0.0	140.9	0.0	0.0
Total2 T	1935.0	815.8	85.44	0.0	381.9	0.0	0.0	0.0	561.1	357.4	249.2	280.4	0.0	0.0	0.0	0.0	0.0	597.0	99.3	0.0
Blend Perc.	75.4	24.6	3.6	0.0	15.3	0.0	0.0	0.0	22.1	13.0	10.2	11.1	0.0	0.0	0.0	0.0	0.0	28.3	0.0	0.0
Errors	11	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0



English - Mix: '3EML' 261 TPH @ 323 F 4.91 %mA/C Mix T: 580.2 Inc T: 65.29 4/12/2023 9:45:02 AM  
 JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.52 %m +A/C 1.38 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	187	64	9.2	0.0	37	0	0	0	55	32	26	28	0	0	0	0	0	70	0	0
Total1 T	426.0	146.4	19.56	0.0	85.7	0.0	0.0	0.0	125.8	79.9	57.1	62.8	0.0	0.0	0.0	0.0	0.0	158.4	0.0	0.0
Total2 T	1982.2	831.6	87.74	0.0	391.3	0.0	0.0	0.0	574.9	366.2	255.5	287.3	0.0	0.0	0.0	0.0	0.0	614.5	99.3	0.0
Blend Perc.	74.5	25.5	3.5	0.0	15.1	0.0	0.0	0.0	22.0	13.0	10.3	11.1	0.0	0.0	0.0	0.0	0.0	28.4	0.0	0.0
Errors	13	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	1.0	0.0	0	1.000																
Rate dTPH	0	0.0	0.0	0.00																
Total1 T	0.0	0.0	0.0	0.0																
Total2 T	0.0	0.0	0.0	0.0																
Blend Perc.	0.0	0.0	0.0	0.0																
Errors	0	0	0	0																

English - Mix: '3EML' 262 TPH @ 315 F 4.90 %mA/C Mix T: 645.5 Inc T: 65.38 4/12/2023 10:00:02 AM  
 JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 299 F 5.7 %rA/C] 3.52 %m +A/C 1.39 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	186	63	9.5	0.0	37	0	0	0	55	33	25	28	0	0	0	0	0	70	0	0
Total1 T	473.2	162.3	21.86	0.0	95.1	0.0	0.0	0.0	139.5	88.7	63.3	69.7	0.0	0.0	0.0	0.0	0.0	175.9	0.0	0.0
Total2 T	2029.4	847.5	90.04	0.0	400.7	0.0	0.0	0.0	588.6	374.9	261.7	294.2	0.0	0.0	0.0	0.0	0.0	632.0	99.3	0.0
Blend Perc.	74.6	25.4	3.6	0.0	14.9	0.0	0.0	0.0	22.4	13.3	10.0	11.1	0.0	0.0	0.0	0.0	0.0	28.2	0.0	0.0
Errors	8	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	1.0	0.0	0	1.000																
Rate dTPH	0	0.0	0.0	0.00																
Total1 T	0.0	0.0	0.0	0.0																
Total2 T	0.0	0.0	0.0	0.0																
Blend Perc.	0.0	0.0	0.0	0.0																
Errors	0	0	0	0																

English - Mix: '3EML' 261 TPH @ 301 F 4.91 %mA/C Mix T: 710.9 Inc T: 65.36 4/12/2023 10:15:02 AM  
 JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 299 F 5.7 %rA/C] 3.52 %m +A/C 1.39 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	188	63	9.1	0.0	37	0	0	0	55	35	25	28	0	0	0	0	0	70	0	0
Total1 T	520.4	178.3	24.15	0.0	104.5	0.0	0.0	0.0	153.3	97.4	69.6	76.6	0.0	0.0	0.0	0.0	0.0	193.4	0.0	0.0
Total2 T	2076.5	863.4	92.34	0.0	410.1	0.0	0.0	0.0	602.4	383.7	268.0	301.0	0.0	0.0	0.0	0.0	0.0	649.5	99.3	0.0
Blend Perc.	74.3	25.7	3.5	0.0	14.9	0.0	0.0	0.0	22.2	14.0	9.9	11.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
Errors	8	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	1.0	0.0	0	1.000																
Rate dTPH	0	0.0	0.0	0.00																
Total1 T	0.0	0.0	0.0	0.0																
Total2 T	0.0	0.0	0.0	0.0																
Blend Perc.	0.0	0.0	0.0	0.0																
Errors	0	0	0	0																

English - Mix: '3EML' 261 TPH @ 304 F 4.91 %mA/C Mix T: 776.2 Inc T: 65.28 4/12/2023 10:30:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 299 F 5.7 %rA/C] 3.52 %m +A/C 1.39 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1	
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5	
Rate dTPH	188	65	9.4	0.0	38	0	0	0	55	36	25	27	0	0	0	0	0	69	0	0	
Total1 T	567.5	194.1	26.45	0.0	113.8	0.0	0.0	0.0	167.0	106.2	75.8	83.4	0.0	0.0	0.0	0.0	0.0	210.9	0.0	0.0	
Total2 T	2123.7	879.3	94.63	0.0	419.4	0.0	0.0	0.0	616.1	392.4	274.2	307.9	0.0	0.0	0.0	0.0	0.0	667.0	99.3	0.0	
Blend Perc.	74.4	25.6	3.6	0.0	15.1	0.0	0.0	0.0	21.9	14.3	10.1	10.9	0.0	0.0	0.0	0.0	0.0	27.8	0.0	0.0	
Errors	12	0	0	N/A	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none																	
Moisture %	1.0	0.0	0	1.000																	
Rate dTPH	0	0.0	0.0	0.00																	
Total1 T	0.0	0.0	0.0	0.0																	
Total2 T	0.0	0.0	0.0	0.0																	
Blend Perc.	0.0	0.0	0.0	0.0																	
Errors	1	0	0	0																	

English - Mix: '3EML' 262 TPH @ 302 F 4.91 %mA/C Mix T: 841.6 Inc T: 65.45 4/12/2023 10:45:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.52 %m +A/C 1.39 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1	
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5	
Rate dTPH	186	63	8.8	0.0	38	0	0	0	55	37	25	28	0	0	0	0	0	69	0	0	
Total1 T	614.8	210.0	28.76	0.0	123.2	0.0	0.0	0.0	180.8	114.9	82.1	90.3	0.0	0.0	0.0	0.0	0.0	228.4	0.0	0.0	
Total2 T	2170.9	895.2	96.94	0.0	428.8	0.0	0.0	0.0	629.9	401.2	280.5	314.8	0.0	0.0	0.0	0.0	0.0	684.5	99.3	0.0	
Blend Perc.	74.7	25.3	3.3	0.0	15.0	0.0	0.0	0.0	22.0	14.6	9.8	11.1	0.0	0.0	0.0	0.0	0.0	27.5	0.0	0.0	
Errors	8	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none																	
Moisture %	1.0	0.0	0	1.000																	
Rate dTPH	0	0.0	0.0	0.00																	
Total1 T	0.0	0.0	0.0	0.0																	
Total2 T	0.0	0.0	0.0	0.0																	
Blend Perc.	0.0	0.0	0.0	0.0																	
Errors	0	0	0	0																	

English - Mix: '3EML' 261 TPH @ 306 F 4.91 %mA/C Mix T: 907.0 Inc T: 65.36 4/12/2023 11:00:02 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.52 %m +A/C 1.38 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1	
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5	
Rate dTPH	191	63	9.5	0.0	38	0	0	0	55	38	25	27	0	0	0	0	0	70	0	0	
Total1 T	662.0	225.8	31.06	0.0	132.6	0.0	0.0	0.0	194.5	123.7	88.3	97.2	0.0	0.0	0.0	0.0	0.0	245.9	0.0	0.0	
Total2 T	2218.2	911.0	99.24	0.0	438.2	0.0	0.0	0.0	643.6	409.9	286.7	321.7	0.0	0.0	0.0	0.0	0.0	702.0	99.3	0.0	
Blend Perc.	75.3	24.7	3.7	0.0	14.9	0.0	0.0	0.0	21.6	14.9	10.0	10.7	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.0	
Errors	12	0	0	N/A	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none																	
Moisture %	1.0	0.0	0	1.000																	
Rate dTPH	0	0.0	0.0	0.00																	
Total1 T	0.0	0.0	0.0	0.0																	
Total2 T	0.0	0.0	0.0	0.0																	
Blend Perc.	0.0	0.0	0.0	0.0																	
Errors	1	0	0	0																	



English - Mix: '3EML' 262 TPH @ 302 F 4.91 %mA/C Mix T: 972.4 Inc T: 65.43 4/12/2023 11:15:02 AM  
 JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.53 %m +A/C 1.38 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	191	63	9.1	0.0	38	0	0	0	55	36	25	28	0	0	0	0	0	70	0	0
Total1 T	709.3	241.6	33.37	0.0	142.0	0.0	0.0	0.0	208.3	132.4	94.6	104.1	0.0	0.0	0.0	0.0	0.0	263.4	0.0	0.0
Total2 T	2268.5	926.8	101.55	0.0	447.6	0.0	0.0	0.0	657.4	418.7	293.0	328.5	0.0	0.0	0.0	0.0	0.0	719.5	99.3	0.0
Blend Perc.	75.1	24.9	3.5	0.0	14.9	0.0	0.0	0.0	21.9	14.4	10.0	10.9	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.0
Errors	12	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By																
Moisture %	1.0	0.0	0	1.000												
Rate dTPH	0	0.0	0.0	0.00												
Total1 T	0.0	0.0	0.0	0.0												
Total2 T	0.0	0.0	0.0	0.0												
Blend Perc.	0.0	0.0	0.0	0.0												
Errors	0	0	0	0												

English - Mix: '3EML' 261 TPH @ 302 F 4.91 %mA/C Mix T: 1037.7 Inc T: 65.31 4/12/2023 11:30:02 AM  
 JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.54 %m +A/C 1.37 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	189	63	9.2	0.0	38	0	0	0	56	36	25	28	0	0	0	0	0	70	0	0
Total1 T	756.6	257.3	35.67	0.0	151.3	0.0	0.0	0.0	222.0	141.2	100.8	110.9	0.0	0.0	0.0	0.0	0.0	280.9	0.0	0.0
Total2 T	2312.8	942.5	103.86	0.0	456.9	0.0	0.0	0.0	671.2	427.4	299.2	335.4	0.0	0.0	0.0	0.0	0.0	737.0	99.3	0.0
Blend Perc.	74.9	25.1	3.5	0.0	15.0	0.0	0.0	0.0	22.3	14.1	9.9	11.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0	0.0
Errors	13	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By																
Moisture %	1.0	0.0	0	1.000												
Rate dTPH	0	0.0	0.0	0.00												
Total1 T	0.0	0.0	0.0	0.0												
Total2 T	0.0	0.0	0.0	0.0												
Blend Perc.	0.0	0.0	0.0	0.0												
Errors	0	0	0	0												

English - Mix: '3EML' 261 TPH @ 308 F 4.91 %mA/C Mix T: 1103.0 Inc T: 65.26 4/12/2023 11:45:02 AM  
 JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.52 %m +A/C 1.39 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	186	63	8.6	0.0	38	0	0	0	56	35	25	28	0	0	0	0	0	70	0	0
Total1 T	803.7	273.2	37.97	0.0	160.7	0.0	0.0	0.0	235.8	149.9	107.1	117.8	0.0	0.0	0.0	0.0	0.0	298.4	0.0	0.0
Total2 T	2359.9	958.4	106.15	0.0	466.3	0.0	0.0	0.0	684.9	436.2	305.5	342.3	0.0	0.0	0.0	0.0	0.0	754.5	99.3	0.0
Blend Perc.	74.6	25.4	3.3	0.0	15.0	0.0	0.0	0.0	22.3	13.9	10.0	11.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0	0.0
Errors	7	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By																
Moisture %	1.0	0.0	0	1.000												
Rate dTPH	0	0.0	0.0	0.00												
Total1 T	0.0	0.0	0.0	0.0												
Total2 T	0.0	0.0	0.0	0.0												
Blend Perc.	0.0	0.0	0.0	0.0												
Errors	0	0	0	0												

English - Mix: '3EML' 261 TPH @ 306 F 4.91 %m/A/C Mix T: 1168.4 Inc T: 65.37 4/12/2023 12:00:02 PM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.52 %m +A/C 1.38 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1	
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5	
Rate dTPH	193	64	9.4	0.0	38	0	0	0	55	36	25	27	0	0	0	0	0	70	0	0	
Total1 T	851.0	289.0	40.27	0.0	170.1	0.0	0.0	0.0	249.5	158.7	113.3	124.7	0.0	0.0	0.0	0.0	0.0	315.9	0.0	0.0	
Total2 T	2407.1	974.2	108.45	0.0	475.7	0.0	0.0	0.0	698.6	444.9	311.7	349.2	0.0	0.0	0.0	0.0	0.0	772.0	99.3	0.0	
Blend Perc.	75.2	24.8	3.6	0.0	15.1	0.0	0.0	0.0	21.9	14.3	9.9	10.9	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	
Errors	8	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0

English - Mix: '3EML' 262 TPH @ 303 F 4.90 %m/A/C Mix T: 1233.8 Inc T: 65.41 4/12/2023 12:15:02 PM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.53 %m +A/C 1.38 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1	
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5	
Rate dTPH	189	64	8.8	0.0	38	0	0	0	55	38	25	28	0	0	0	0	0	70	0	0	
Total1 T	898.2	304.8	42.58	0.0	179.5	0.0	0.0	0.0	263.3	167.4	119.6	131.6	0.0	0.0	0.0	0.0	0.0	333.4	0.0	0.0	
Total2 T	2454.3	990.0	110.76	0.0	485.1	0.0	0.0	0.0	712.4	453.7	318.0	356.0	0.0	0.0	0.0	0.0	0.0	789.5	99.3	0.0	
Blend Perc.	74.8	25.2	3.4	0.0	14.9	0.0	0.0	0.0	21.5	15.1	9.9	10.9	0.0	0.0	0.0	0.0	0.0	27.7	0.0	0.0	
Errors	6	1	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0

English - Mix: '3EML' 261 TPH @ 299 F 4.90 %m/A/C Mix T: 1299.0 Inc T: 65.27 4/12/2023 12:30:02 PM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 300 F 5.7 %rA/C] 3.51 %m +A/C 1.39 %m rA/C

	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1	
Measured By					Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach	Tach
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5	
Rate dTPH	189	64	9.7	0.0	37	0	0	0	55	38	25	28	0	0	0	0	0	70	0	0	
Total1 T	945.2	320.8	44.87	0.0	188.8	0.0	0.0	0.0	277.0	176.2	125.8	138.4	0.0	0.0	0.0	0.0	0.0	350.9	0.0	0.0	
Total2 T	2501.4	1006.0	113.05	0.0	494.4	0.0	0.0	0.0	726.2	462.4	324.2	362.9	0.0	0.0	0.0	0.0	0.0	807.0	99.3	0.0	
Blend Perc.	74.7	25.3	3.7	0.0	14.7	0.0	0.0	0.0	21.8	14.8	9.8	11.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0	0.0	
Errors	12	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0



English - Mix: '3EML' 261 TPH @ 303 F 4.90 %mA/C Mix T: 1364.4 Inc T: 65.35 4/12/2023 12:45:02 PM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 301 F 5.7 %rA/C] 3.52 %m +A/C 1.39 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	189	65	9.1	0.0	37	0	0	0	55	36	25	28	0	0	0	0	0	70	0	0
Total1 T	992.4	336.7	47.17	0.0	198.2	0.0	0.0	0.0	290.8	184.9	132.1	145.3	0.0	0.0	0.0	0.0	0.0	368.4	0.0	0.0
Total2 T	2548.6	1021.9	115.35	0.0	503.8	0.0	0.0	0.0	739.9	471.2	330.5	369.8	0.0	0.0	0.0	0.0	0.0	824.5	99.3	0.0
Blend Perc.	74.3	25.7	3.4	0.0	14.8	0.0	0.0	0.0	21.9	14.4	9.8	11.1	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.0
Errors	12	0	0	N/A	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	1	0	0	0

English - Mix: '3EML' 262 TPH @ 302 F 4.90 %mA/C Mix T: 1429.8 Inc T: 65.54 4/12/2023 1:00:02 PM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 301 F 5.7 %rA/C] 3.52 %m +A/C 1.38 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	196	64	9.2	0.0	37	0	0	0	55	36	25	28	0	0	0	0	0	70	0	0
Total1 T	1039.8	352.5	49.47	0.0	207.6	0.0	0.0	0.0	304.5	193.7	138.3	152.2	0.0	0.0	0.0	0.0	0.0	385.9	0.0	0.0
Total2 T	2596.0	1037.7	117.66	0.0	513.2	0.0	0.0	0.0	753.7	479.9	336.7	376.7	0.0	0.0	0.0	0.0	0.0	842.0	99.3	0.0
Blend Perc.	75.4	24.6	3.5	0.0	14.7	0.0	0.0	0.0	22.0	14.2	10.0	11.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
Errors	13	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0

English - Mix: '3EML' 252 TPH @ 300 F 4.91 %mA/C Mix T: 1492.9 Inc T: 62.95 4/12/2023 1:15:02 PM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 301 F 5.7 %rA/C] 3.46 %m +A/C 1.45 %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	192	62	9.5	0.0	37	0	0	0	55	35	25	28	0	0	0	0	0	70	0	0
Total1 T	1084.8	368.4	51.66	0.0	217.0	0.0	0.0	0.0	318.3	202.4	144.6	159.1	0.0	0.0	0.0	0.0	0.0	403.4	0.0	0.0
Total2 T	2640.9	1053.6	119.84	0.0	522.6	0.0	0.0	0.0	767.4	488.7	343.0	383.5	0.0	0.0	0.0	0.0	0.0	859.5	99.3	0.0
Blend Perc.	75.6	24.4	3.6	0.0	14.9	0.0	0.0	0.0	22.1	13.9	9.9	11.0	0.0	0.0	0.0	0.0	0.0	28.1	0.0	0.0
Errors	135	0	0	N/A	2	0	0	0	115	0	0	0	2	0	0	0	115	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	2	0	0	0

English - Mix: '3EML' 252 TPH @ 309 F 5.05 %mA/C Mix T: 1528.9 Inc T: 36.00 4/12/2023 1:23:37 PM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 301 F 5.7 %rA/C] 3.49 %m +A/C +++++ %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	3	+	+2	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total1 T	1102.3	375.4	52.93	0.0	220.1	0.0	0.0	0.0	322.7	205.3	146.6	161.3	0.0	0.0	0.0	0.0	0.0	410.5	0.0	0.0
Total2 T	2658.5	1060.6	121.11	0.0	525.7	0.0	0.0	0.0	771.9	491.5	345.0	385.7	0.0	0.0	0.0	0.0	0.0	866.7	99.3	0.0
Blend Perc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Errors	26	0	11	N/A	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	1	0	0	0

C11001.S02	AJAX Plant 4	Process off	4/12/2023 1:30 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 1:40 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 1:45 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 2:00 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 2:15 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 2:30 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 2:45 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 3:00 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 3:15 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 3:30 PM
C11001.S02	AJAX Plant 4	Process off	4/12/2023 3:45 PM
C11001.S02	AJAX Plant 4	Process off	4/13/2023 6:30 AM
C11001.S02	AJAX Plant 4	Process off	4/13/2023 6:45 AM
C11001.S02	AJAX Plant 4	Process off	4/13/2023 6:50 AM
C11001.S02	AJAX Plant 4	Process on	4/13/2023 6:55 AM

4/12/23 ↑

English - Mix: '3EML' 0 TPH @ 77 F 0.00 %mA/C Mix T: +.0 Inc T: 0.00 4/13/2023 6:55:39 AM

JMN: '456' [Tank num3 : '52-28' 1.032 SpGr @ 297 F 5.7 %rA/C] 0.00 %m +A/C HOLD %m rA/C

Measured By	VScale	RScale	+A/C	DstLss	Vir 1	Vir 2	Vir 3	Vir 4	Vir 5	Vir 6	Vir 7	Vir 8	Vir 9	Vir 10	Vir 11	Vir 12	Vir 13	Rap 14	Rap 15	Rap 1
Moisture %	3.7	4.5	N/A	N/A	4.7	4.6	2.7	3.4	3.4	4.6	+5	4.5	3.0	2.0	1.0	2.0	1.0	4.5	4.5	4.5
Rate dTPH	-	-	25.1	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total1 T	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total2 T	2658.5	1085.3	121.26	0.0	525.7	0.0	0.0	0.0	771.9	491.5	345.0	385.7	0.0	0.0	0.0	0.0	0.0	866.7	99.3	0.0
Blend Perc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Errors	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Rap 17 WPod18 Dust19 Add 20

Measured By	none	none	none	none
Moisture %	1.0	0.0	0	1.000
Rate dTPH	0	0.0	0.0	0.00
Total1 T	0.0	0.0	0.0	0.0
Total2 T	0.0	0.0	0.0	0.0
Blend Perc.	0.0	0.0	0.0	0.0
Errors	0	0	0	0

C11001.S02	AJAX Plant 4	Process off	4/13/2023 7:00 AM
C11001.S02	AJAX Plant 4	Process off	4/13/2023 7:15 AM
C11001.S02	AJAX Plant 4	Process on	4/13/2023 7:17 AM

S.C. IV.1

<b>Date</b>	<b>Plant 4 Wind Speed, mph</b>
04/12/23 00:00:00	0.7
04/12/23 00:15:00	0.7
04/12/23 00:30:00	1.5
04/12/23 00:45:00	0.7
04/12/23 01:00:00	0.7
04/12/23 01:15:00	2.2
04/12/23 01:30:00	0.7
04/12/23 01:45:00	3
04/12/23 02:00:00	3
04/12/23 02:15:00	3
04/12/23 02:30:00	4.5
04/12/23 02:45:00	4.5
04/12/23 03:00:00	3.7
04/12/23 03:15:00	5.2
04/12/23 03:30:00	6
04/12/23 03:45:00	6.7
04/12/23 04:00:00	4.5
04/12/23 04:15:00	5.2
04/12/23 04:30:00	6.7
04/12/23 04:45:00	7.5
04/12/23 05:00:00	5.2
04/12/23 05:15:00	6
04/12/23 05:30:00	4.5
04/12/23 05:45:00	6
04/12/23 06:00:00	6
04/12/23 06:15:00	6
04/12/23 06:30:00	6
04/12/23 06:45:00	4.5
04/12/23 07:00:00	5.2
04/12/23 07:15:00	6
04/12/23 07:30:00	5.2
04/12/23 07:45:00	4.5
04/12/23 08:00:00	6.7
04/12/23 08:15:00	4.5
04/12/23 08:30:00	5.2
04/12/23 08:45:00	5.2
04/12/23 09:00:00	6
04/12/23 09:15:00	5.2
04/12/23 09:30:00	7.5
04/12/23 09:45:00	7.5
04/12/23 10:00:00	9
04/12/23 10:15:00	6.7
04/12/23 10:30:00	7.5
04/12/23 10:45:00	6
04/12/23 11:00:00	8.2

04/12/23 11:15:00	9.7
04/12/23 11:30:00	9
04/12/23 11:45:00	10.5
04/12/23 12:00:00	8.2
04/12/23 12:15:00	13.4
04/12/23 12:30:00	11.2
04/12/23 12:45:00	12.7
04/12/23 13:00:00	13.4
04/12/23 13:15:00	12
04/12/23 13:30:00	10.5
04/12/23 13:45:00	12.7
04/12/23 14:00:00	10.5
04/12/23 14:15:00	12
04/12/23 14:30:00	13.4
04/12/23 14:45:00	14.2
04/12/23 15:00:00	10.5
04/12/23 15:15:00	13.4
04/12/23 15:30:00	9
04/12/23 15:45:00	6.7
04/12/23 16:00:00	7.5
04/12/23 16:15:00	9.7
04/12/23 16:30:00	10.5
04/12/23 16:45:00	8.2
04/12/23 17:00:00	6.7
04/12/23 17:15:00	16.4
04/12/23 17:30:00	10.5
04/12/23 17:45:00	6.7
04/12/23 18:00:00	11.2
04/12/23 18:15:00	8.2
04/12/23 18:30:00	8.2
04/12/23 18:45:00	9.7
04/12/23 19:00:00	7.5
04/12/23 19:15:00	3.7
04/12/23 19:30:00	5.2
04/12/23 19:45:00	4.5
04/12/23 20:00:00	4.5
04/12/23 20:15:00	3.7
04/12/23 20:30:00	3.7
04/12/23 20:45:00	3
04/12/23 21:00:00	2.2
04/12/23 21:15:00	3.7
04/12/23 21:30:00	5.2
04/12/23 21:45:00	3.7
04/12/23 22:00:00	4.5
04/12/23 22:15:00	6
04/12/23 22:30:00	5.2
04/12/23 22:45:00	5.2



04/12/23 23:00:00	4.5
04/12/23 23:15:00	3
04/12/23 23:30:00	5.2
04/12/23 23:45:00	4.5

# Ajax Materials Corporation

## Daily Road Maintenance

Plant: Genesee Township  
 Beginning Date: 4/1/2023  
 Ending Date: 4/30/2023

### Genesee Township

Date	Start Time	Swept Yard?	Swept Roads?	Watered Yard?	Watered Roads?	Watered Aggs?	Chloride Yard?	Chloride Roads?	Other Activity?	Reason For Dust Control Activity		Verified By
										Routine Maintenance?	Visible Dust?	
4/11/2023	9:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/11/2023	12:00 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/11/2023	1:00 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/11/2023	2:06 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/11/2023	2:40 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/11/2023	3:31 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	7:30 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	8:07 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	8:23 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	8:56 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	9:41 AM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	10:12 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	10:41 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	10:55 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL

**Genesee Township**

Date	Start Time	Swept Yard?	Swept Roads?	Watered Yard?	Watered Roads?	Watered Aggs?	Chloride Yard?	Chloride Roads?	Other Activity?	Reason For Dust Control Activity		Verified By
										Routine Maintenance?	Visible Dust?	
4/12/2023	11:30 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/12/2023	1:41 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/13/2023	7:30 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/19/2023	8:18 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/19/2023	10:41 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/19/2023	11:30 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/19/2023	2:00 PM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/20/2023	8:50 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/20/2023	11:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/24/2023	7:58 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/25/2023	11:52 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
4/27/2023	10:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL



# Ajax Materials Corporation

## Daily Road Maintenance

Plant: Genesee Township  
 Beginning Date: 5/1/2023  
 Ending Date: 5/26/2023

### Genesee Township

Date	Start Time	Swept Yard?	Swept Roads?	Watered Yard?	Watered Roads?	Watered Aggs?	Chloride Yard?	Chloride Roads?	Other Activity?	Reason For Dust Control Activity		Verified By
										Routine Maintenance?	Visible Dust?	
5/3/2023	7:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SCOTT MAXWEL
5/4/2023	6:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/9/2023	7:00 AM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/11/2023	6:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/15/2023	6:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/16/2023	7:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/17/2023	6:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/18/2023	9:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/19/2023	5:00 AM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/20/2023	5:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/22/2023	6:30 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/23/2023	6:14 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/24/2023	6:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL
5/25/2023	6:00 AM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT MAXWEL



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42.99 °N, 83.7 °W

# Flint, MI Weather History

**86° BISHOP INTERNATIONAL AIRPORT STATION** (/DASHBOARD/PWS/KMIFLINT59?CM\_VEN=LOCALWX\_PWSDASH) | [CHANGE](#)

[HISTORY](#) (/HISTORY/DAILY/US/MI/FLINT/KFNT)

- [TODAY](#) (/WEATHER/KFNT)
- [HOURLY](#) (/HOURLY/KFNT)
- [10-DAY](#) (/FORECAST/KFNT)
- [CALENDAR](#) (/CALENDAR/US/MI/FLINT/KFNT)
- [HISTORY](#) (/HISTORY/DAILY/US/MI/FLINT/KFNT)
- [WUNDERMAP](#) (/WUNDERMAP?LAT=42.988&LON=-83.701)

**Daily**

[Weekly](#)

[Monthly](#)

(/history/daily/KFNT/date/2023/Flint/date/2023-

4-12)

[4-12\)](#)

[4\)](#)

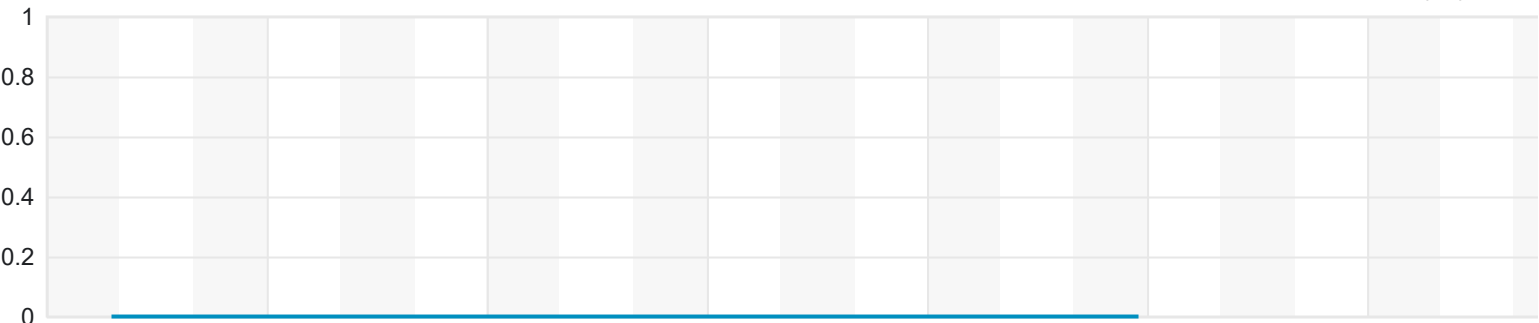
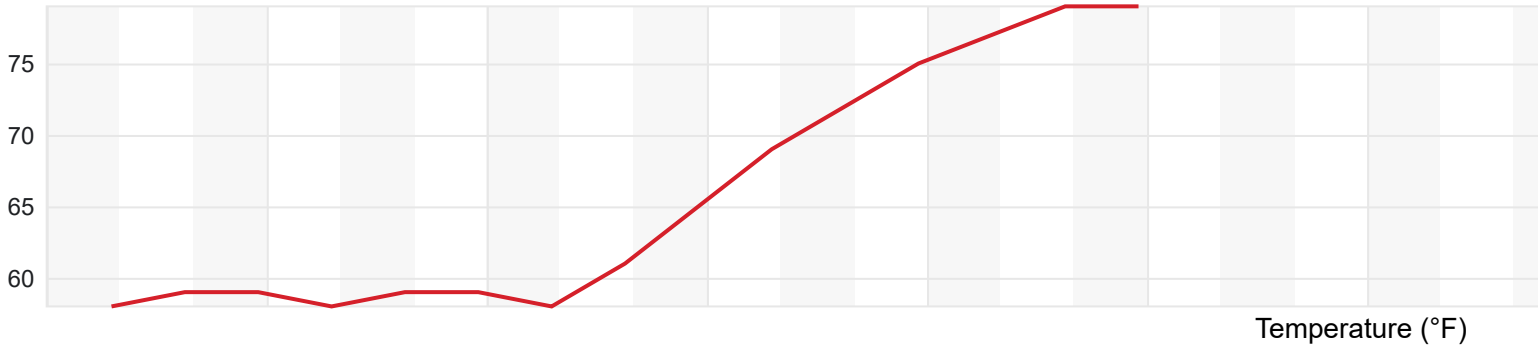
April

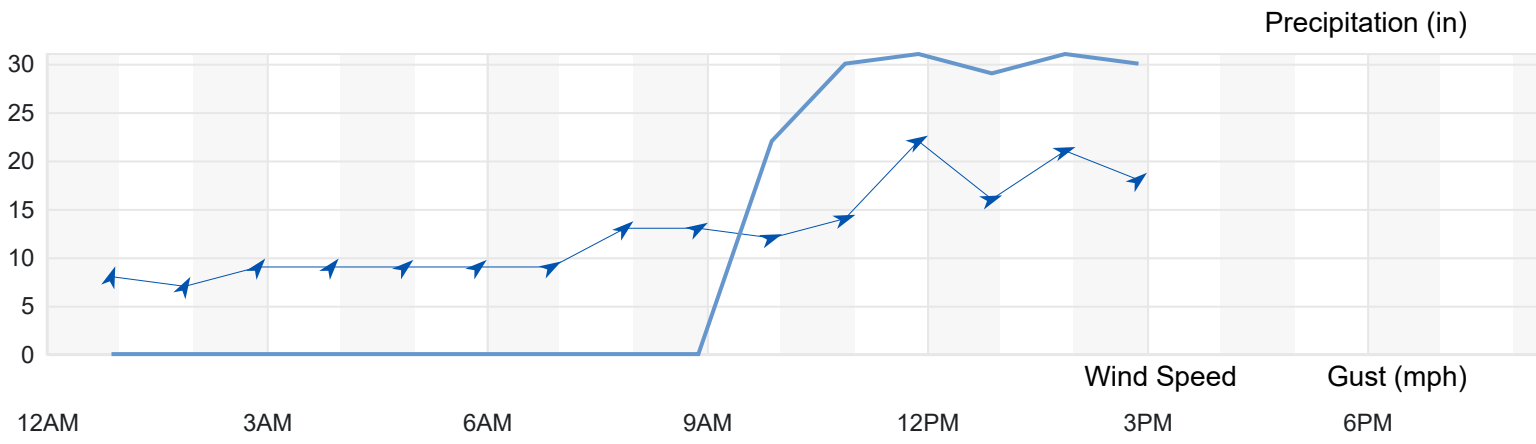
12

2023

[View](#)

12AM 3AM 6AM 9AM 12PM 3PM 6PM





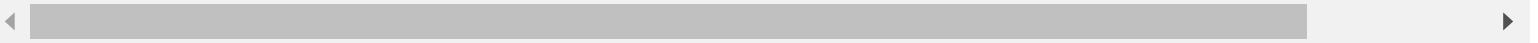
# Summary

Temperature (°F)	Actual	Historic Avg.	Record	▲
High Temp	79	55.2	81	
Low Temp	58	34.1	19	
Day Average Temp	65.8	44.6	-	
Precipitation (in)	Actual	Historic Avg.	Record	▲
Precipitation (past 24 hours from 04:53:00)	0.00	4.60	-	
Dew Point (°F)	Actual	Historic Avg.	Record	▲
Dew Point	46.53	-	-	
High	51	-	-	
Low	42	-	-	
Average	46.53	-	-	
Wind (mph)	Actual	Historic Avg.	Record	▲
Max Wind Speed	22	-	-	
Visibility	10	-	-	
Sea Level Pressure (in)	Actual	Historic Avg.	Record	▲
Sea Level Pressure	29.18	-	-	
Astronomy	Day Length	Rise	Set	▲
Actual Time	13h 14m	6:59 AM	8:13 PM	

Temperature (°F)	Actual	Historic Avg.	Record	▲
Civil Twilight		6:30 AM	8:43 PM	
Nautical Twilight		5:55 AM	9:18 PM	
Astronomical Twilight		5:18 AM	9:55 PM	
Moon: waning gibbous		2:48 AM	11:11 AM	

# Daily Observations

Time	Temperature	Dew Point	Humidity	Wind	Wind Speed	Wind Gust	Pressure	Precip.
12:53 AM	58 °F	42 °F	56 %	SSW	8 mph	0 mph	29.18 in	0.0 in
1:53 AM	59 °F	42 °F	53 %	SSW	7 mph	0 mph	29.17 in	0.0 in
2:53 AM	59 °F	43 °F	55 %	SW	9 mph	0 mph	29.15 in	0.0 in
3:53 AM	58 °F	43 °F	58 %	SW	9 mph	0 mph	29.14 in	0.0 in
4:53 AM	59 °F	45 °F	60 %	SW	9 mph	0 mph	29.13 in	0.0 in
5:53 AM	59 °F	45 °F	60 %	SW	9 mph	0 mph	29.13 in	0.0 in
6:53 AM	58 °F	45 °F	62 %	WSW	9 mph	0 mph	29.13 in	0.0 in
7:53 AM	61 °F	46 °F	58 %	SW	13 mph	0 mph	29.14 in	0.0 in
8:53 AM	65 °F	46 °F	50 %	WSW	13 mph	0 mph	29.14 in	0.0 in
9:53 AM	69 °F	48 °F	47 %	WSW	12 mph	22 mph	29.13 in	0.0 in
10:53 AM	72 °F	49 °F	44 %	WSW	14 mph	30 mph	29.12 in	0.0 in
11:53 AM	75 °F	51 °F	43 %	WSW	22 mph	31 mph	29.10 in	0.0 in
12:53 PM	77 °F	51 °F	40 %	WSW	16 mph	29 mph	29.08 in	0.0 in
1:53 PM	79 °F	51 °F	38 %	WSW	21 mph	31 mph	29.06 in	0.0 in
2:53 PM	79 °F	51 °F	38 %	SW	18 mph	30 mph	29.04 in	0.0 in



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