



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-0608-00050/00009
Effective Date: 07/03/2015 Expiration Date: 07/02/2025

Permit Issued To: JAMESTOWN MACADAM INC
PO BOX 518
CELORON, NY 14720

Contact: THOMAS OLSON
JAMESTOWN MACADAM INC
WALDEN AVE
JAMESTOWN, NY 14701
(716) 664-5108

Facility: JAMESTOWN MACADAM
WALDEN AVE
JAMESTOWN, NY 14701

Contact: THOMAS OLSON
JAMESTOWN MACADAM INC
WALDEN AVE
JAMESTOWN, NY 14701
(716) 664-5108

Description:

Jamestown Macadam Inc. (JMI) Walden Avenue, operates three hot mix asphalt plants, (plants 1, 2 and 3) and a portable crusher at this location. There are two hot mix batch plants and one hot mix drum plant. Production is limited so the facility can remain below Title V applicability thresholds and to keep emission unit emissions below 25 tons per year for fee billing purposes.

This permit includes the addition of a 300 ton per hour Eagle portable crusher, which will be considered a new emission unit (EU P00004). The crusher is subject to 40 CFR 60 Subpart 000—Standards of Performance for Nonmetallic Mineral Processing Plants. As a result, fugitive emissions are not to exceed 10 percent opacity for any section of the portable crusher, including screens and conveyers. JMI may operate the portable crusher up to 2000 hours per year. This will keep this emission unit's contaminants below 25 tons per year for fee billing purposes. This emission cap, along with the emission caps on each of the other three emission units will maintain the facility emissions below Title V applicability thresholds.

The 300 ton per hour portable crusher is powered by a 350 hp John Deere Engine. Since the portable crusher is moved to and from the property the engine is not a stationary source, therefore the engine is not applicable to 40 CFR 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. This also excludes the engine from 40 CFR 60 Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. In addition, because the

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engine powering the crusher is a portable internal combustion engine and rated less than 400hp, it is exempt from permitting under 6NYCRR 201-3.2(c)(3)(ii). JMI has provided documentation to show that the engine does comply with the federal emission requirements in 40 CFR Part 89—Control of Emission from New and In-Use Nonroad Compression-Ignition Engines.

The facility has a total of 3 asphalt plants, the plants are subject to the state regulation 6NYCRR 212 General Process Emission Sources. Part 212 requires that asphalt facilities install a low NOx burners before Jan 1, 2020, and submit a stock pile moisture management plan. JMI provided a stock pile moisture management plan on February 2, 2011 for the facility. JMI has also installed low NOx burners on all 3 plants. The plants currently have the capability to burn number 2 fuel oil. They are permitted to burn waste fuel A, provided the new low-NOx burners are tested and have 99% combustion efficiency. For particulate emission limits, plants 2 and 3 are subject to New Source Performance Standards in Subpart I—Standards of Performance for Hot Mix Asphalt Facilities. The particulate emission limits of Subpart I is 0.04 grains per standard cubic foot. However, plant 1 was constructed in 1972, one year before the applicable dates for Subpart I. Therefore plant 1 must comply with the current particulate emission limits from Part 212 of 0.030 grains per standard cubic foot. The results of the September 2006 stack test conducted on plant 1 showed that its emissions were below the 0.030 gr/scf limit.

The 3 asphalt plant's emission IDs and associated controls are as follows: Plant one, EU P-00001 consist of a 5 ton hot mix batch plant equipped with, single cyclone and baghouse (Gentec Model 630-13EI). Plant two, EU P-00002 is a 6 ton per hour hot mix batch plant (McCarter Model M-260-18 6T), and is also equipped with a single cyclone and baghouse (Astec Model SBHT-59 Pulse Jet). The last plant, EU P-00003 is an Astect hot mix drum plant equipped with a baghouse (Herman Grant, Model BHP J-F 63) and knock out box.

No changes were made to the asphalt production limitations for the drum plant or the two batch plants. The drum plant is still limited to 375,000tpy and each batch plant is limited to 125,250tpy. These production limits will keep the emissions from each emission unit below 25 tons per year for fee billing purposes. These limits also keep the actual facility emissions below the Title V air permitting applicability thresholds.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: LISA M CZECHOWICZ
NYSDEC - REGION 9
270 MICHIGAN AVE
BUFFALO, NY 14203-2915

DEC Permit Conditions
Renewal 1/FINAL



Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

New York State Department of Environmental Conservation

Permit ID: 9-0608-00050/00009

Facility DEC ID: 9060800050



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

Permit Issued To: JAMESTOWN MACADAM INC
PO BOX 518
CELORON, NY 14720

Facility: JAMESTOWN MACADAM
WALDEN AVE
JAMESTOWN, NY 14701

Authorized Activity By Standard Industrial Classification Code:
2951 - PAVING MIXTURES AND BLOCKS
1422 - CRUSHED AND BROKEN LIMESTONE

Permit Effective Date: 07/03/2015

Permit Expiration Date: 07/02/2025



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- 2 6 NYCRR 211.1: Air pollution prohibited
- 3 6 NYCRR 212.12 (a) (1): Compliance Demonstration
- 4 6 NYCRR 212.12 (a) (2): Compliance Demonstration
- 5 6 NYCRR 212.12 (b): Compliance Demonstration
- 6 6 NYCRR 225-1.2 (g): Compliance Demonstration
- 7 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 8 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 9 6 NYCRR 225-2.4: Compliance Demonstration
- 10 40CFR 60.7(a), NSPS Subpart A: Date of construction notification -
If a COM is not used.
- 11 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration
- 12 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration

Emission Unit Level

- 13 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

- EU=P-00001**
- *14 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 15 6 NYCRR 212.6 (a): Compliance Demonstration
- 16 6 NYCRR 212.9 (e): Compliance Demonstration

EU=P-00002

- *17 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=P-00003

- *18 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=P-00004

- *19 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 20 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 21 ECL 19-0301: Contaminant List
- 22 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 23 6 NYCRR Subpart 201-5: Emission Unit Definition
- 24 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 25 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 26 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 27 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 28 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.



(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Facility Permissible Emissions



Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0 PTE: 156,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY210-00-0 PTE: 77,760 pounds per year
Name: OXIDES OF NITROGEN

Condition 2: Air pollution prohibited
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR 211.1

Item 2.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 3: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR 212.12 (a) (1)

Item 3.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: P-00001

Emission Unit: P-00002

Emission Unit: P-00003

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Beginning in calendar year 2011, a tune-up must be

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performed on the dryer burner on an annual basis at any hot mix asphalt production plant that is in operation during that calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR 212.12 (a) (2)

Item 4.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Stock Pile Moisture Management Plan

Part 212.12(a)(2) requires that asphalt plants must submit a plan to the department by March 1, 2011 which details the introduction or continuation of methods by which to reduce the moisture content of the aggregate stockpile(s).

Jamestown Macadam Inc. submitted a stockpile moisture management plan to the Department on February 22, 2011. The plan included work practices such as; using oldest and driest piles first, using tarps to cover aggregate piles, and allowing new moist material to dry. They have implemented this moisture management plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 5: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR 212.12 (b)

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 5.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The owner or operator of a hot mix asphalt production plant must analyze the economic feasibility of installing a low NOx burner when it comes time for their current burner to be replaced. This economic analysis must follow an approach acceptable to the department.
- (2) By January 1, 2020, all owners or operators of active plants which have not installed a low NOx burner must have submitted an economic feasibility analysis. A low NOx burner must be installed for that operating year in all instances in which it proves feasible.
- (3) As of April 17, 2014 Jamestown Macadam successfully installed low NOx burners on plants 1, 2, and 3. Each of the plants were retrofitted with total air burners to meet compliance with this regulation.
- (4) A similar analysis must be submitted for subsequent burner replacements.
- (5) A low NOx burner will be required at any new hot mix asphalt production plant.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 6: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement: 6 NYCRR 225-1.2 (g)

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Limits on PURCHASING Fuel Oil after July 1, 2014

- 1.) Owners and/or operators of a stationary combustion installation that fires distillate oil other than number

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two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014.

2.) Compliance with this limit will be based on vendor certifications.

3.) Certifications shall include fuel analyses and data on the quantities of all oil received. Such fuel analyses must contain, as a minimum: Data on the sulfur content, specific gravity, and heating value of distillate oil

4.) Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. Records must submitted upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 7: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR 225-1.2 (h)

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Limits on BURINING Fuel Oil after July 1, 2016

1.) Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016.

2.) Compliance with this limit will be based on vendor



certifications.

3.) Certifications shall include fuel analyses and data on the quantities of all oil received. Such fuel analyses must contain, as a minimum: Data on the sulfur content, specific gravity, and heating value of distillate oil.

4.) Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. Records must be submitted upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement: 6 NYCRR 225-2.3 (b) (3)

Item 8.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: P-00001

Emission Unit: P-00002

Emission Unit: P-00003

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

1.) The facility owner shall conduct a combustion efficiency test when a new burner is installed or a new plant is installed that will burn waste fuel A, or upon the request of the DEC. The combustion efficiency shall be demonstrated to be at least 99%. Carbon monoxide and carbon dioxide in the final exhaust shall be measured and the following formula shall be used to calculate



combustion efficiency (C.E.)

$$C.E. = (CO_2 \times 100) / (CO_2 + CO)$$

An instrument capable of measuring 500 ppm of carbon monoxide must be employed. An Orsat will not meet this requirement.

2.) The regular burning of waste oil shall not commence until the facility or emission source has received concurrence from the department that the 99% combustion efficiency has been demonstrated.

3.) Compliance testing shall be conducted within 90 days of initiating the firing of Waste Fuel A in the new burner or plant. A sampling protocol shall be submitted to the department for approval more than 30 days before the scheduled test date. The test report shall be submitted within 45 days of completing the test.

Process Material: WASTE OIL

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: As per DEC Air Guide 17

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement: 6 NYCRR 225-2.4

Item 9.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: P-00001

Emission Unit: P-00002

Emission Unit: P-00003

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1.) The facility is allowed to burn Waste Fuel A. Waste fuel A is any waste oil, fuel oil or mixture of these to be burned which contains between 25 and 250 parts per



million (by weight) lead, which meets the limitations of Table 2-1 below and does not contain any chemical waste.

2.) The facility shall insure that the constituents of Waste Fuel A being received and burned meet the limits of Table 2-1. In order to accomplish this, the facility shall obtain certification from the seller that the Waste Fuel A delivered has been tested for each of the parameters in Table 2-1, as required by Part 225-2, and that meets the associated limits. This certification shall be obtained for each delivery and shall contain the representative chemical analysis of the batch of Waste Fuel A.

TABLE 2-1
WASTE FUEL A CONSTITUENTS /
PROPERTY

Polychlorinated Biphenyls (PCB) - Less than 50 ppm*

Total Halogens - 1,000 ppm* maximum

Sulfur- See Subpart 225-1 for fuel sulfur limitations

Lead - 250 ppm* maximum

Gross Heat Content - 125,000 (Btu/gal) minimum

* Parts per million (ppm) by weight (water free basis) of fuel.

3.) Each delivery certification shall be kept on site and be made available to the department's representative during normal business hours. Records of these certifications shall be kept on site for a period of five years.

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 10: Date of construction notification - If a COM is not used.
Effective between the dates of 07/03/2015 and 07/02/2025**

Applicable Federal Requirement:40CFR 60.7(a), NSPS Subpart A

Item 10.1:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;



- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

Condition 11: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement: 40CFR 60.92(a)(1), NSPS Subpart I

Item 11.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: P-00002

Emission Unit: P-00003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

1) Particulate matter emissions shall not exceed 90 mg/dscm (0.04 grain/dscf).

2) The facility owner shall conduct an emission compliance test when a new plant or baghouse is installed, or upon the request of the DEC.

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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Facility DEC ID: 9060800050



Condition 12: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:40CFR 60.92(a)(2), NSPS Subpart I

Item 12.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: P-00002

Emission Unit: P-00003

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

1) No person shall cause or allow emissions having an average opacity during six consecutive minutes of 20 percent or greater from any process emissions source, except only the emissions of uncombined water.

2) The facility owner shall conduct an emission compliance test when a new plant or baghouse is installed, or upon the request of the DEC.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

****** Emission Unit Level ******

Condition 13: Emission Unit Permissible Emissions
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 13.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: P-00001



CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 49,400 pounds per year

Emission Unit: P-00002

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 49,400 pounds per year

Emission Unit: P-00003

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 48,800 pounds per year

Emission Unit: P-00004

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 21,720 pounds per year

Condition 14: Capping Monitoring Condition
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 14.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1

Item 14.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 14.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 14.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an



applicable requirement.

Item 14.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 14.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: P-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 14.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

- 1.) Asphaltic concrete production at plant 1 will be limited to 123,250 tons per 12 month period which will keep criteria pollutant emissions from this emission unit each below 25 tons per year. By limiting production to this level the facility is not subject to Title V applicability.
- 2.) Records of asphalt production will be kept on a daily basis and to verify compliance with the production limit in item 1 above, the total production for each 12 month period shall be computed monthly. The 12 month period ends on the last day of the month.
- 3.) The owner or operator of this facility shall maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.
- 4.) On an annual basis, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those

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threshold levels contained in item 1 above.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ASPHALTIC CONCRETE

Upper Permit Limit: 123,250 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 08/01/2016 for the period 07/03/2015 through 07/02/2016

Condition 15: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 15.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: P-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

1.) No person shall cause or allow emissions having an average opacity during six consecutive minutes of 20 percent or greater from any process emissions source, except only the emissions of uncombined water.

2.) The facility shall conduct an EPA Method 9 compliance test upon the request of the department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 16: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR 212.9 (e)

Item 16.1:

The Compliance Demonstration activity will be performed for:



Emission Unit: P-00001

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

- 1.) The particulate emissions from asphalt plant 1 are limited to less than 0.030 grains per dry standard cubic foot of exhaust gas. This is based on the maximum stone drying rate of the aggregate dryer which exceeds 250,000 pounds per hour in Part 212.9(e).
- 2.) Upon request the facility shall conduct a compliance emission test on this source.
- 3.) A stack test protocol shall be submitted to this department for review and approval at least 30 days in advance of the test. The protocol shall be revised if necessary according to Department comments. The department shall be given at least 30 days notice prior to the stack test date.
- 4.) The unit shall be tested at maximum operation rate of the asphalt batching plant.
- 5.) Within 45 days after the stack test is completed a stack test report shall be submitted to the department for review and approval.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.030 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 17: Capping Monitoring Condition

Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 17.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would



otherwise be subject to:

6 NYCRR 201-6.1

Item 17.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 17.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 17.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 17.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 17.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: P-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 17.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

1.) Asphaltic concrete production at plant 2 will be limited to 123,250 tons per 12 month period which will keep criteria pollutant emissions from this emission unit each below 25 tons per year. By limiting production to this level the facility is not subject to Title V applicability.

2.) Records of asphalt production will be kept on a daily basis and to verify compliance with the production limit



in item 1 above, the total production for each 12 month period shall be computed monthly. The 12 month period ends on the last day of the month.

3.) The owner or operator of this facility shall maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

4.) On an annual basis, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold levels contained in item 1 above.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ASPHALTIC CONCRETE

Upper Permit Limit: 123,250 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 08/01/2016 for the period 07/03/2015 through 07/02/2016

Condition 18: Capping Monitoring Condition
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 18.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1

Item 18.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 18.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart,



during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 18.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 18.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 18.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: P-00003

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 18.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

- 1.) Asphaltic concrete production at plant 3 will be limited to 375,000 tons per 12 month period which will keep criteria pollutant emissions from this emission unit each below 25 tons per year. By limiting production to this level the facility is not subject to Title V applicability.
- 2.) Records of asphalt production will be kept on a daily basis and to verify compliance with the production limit in item 1 above, the total production for each 12 month period shall be computed monthly. The 12 month period ends on the last day of the month.
- 3.) The owner or operator of this facility shall maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements,



regulations or law.

4.) On an annual basis, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold levels contained in item 1 above.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ASPHALTIC CONCRETE

Upper Permit Limit: 375,000 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 08/01/2016 for the period 07/03/2015 through 07/02/2016

Condition 19: Capping Monitoring Condition
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 19.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)
6 NYCRR Part 482

Item 19.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 19.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 19.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

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Item 19.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 19.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: P-00004

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 19.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The 300 ton per hour portable crusher is limited to operating no more than 2000 hours per year. The 2000 hour cap will keep NOx emission below 25 tons for fee billing purposes. This limit combined with the limits at the 3 asphalt plants will keep the overall carbon monoxide emissions below Title V applicability levels for the facility.

The engine powering the portable crusher must be equipped with a non-resettable hour meter that will be used to track usage of the portable crusher.

The hour meter reading shall be recorded on a monthly basis.

The hour meter records shall be tabulated into an annual report to show that the crusher has not operated more than the allowable 2000 hours per year. These records must also be kept onsite for a minimum of five years.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 2000 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 08/01/2016 for the period 07/03/2015 through 07/02/2016

Condition 20: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable Federal Requirement:40CFR 60.672(b), NSPS Subpart OOO

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Permit ID: 9-0608-00050/00009

Facility DEC ID: 9060800050



Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: P-00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

- 1.) No person shall cause to be discharged into the atmosphere from any transfer points on conveyor belts or from any fugitive emissions sources, emissions which exhibit greater than 10 percent opacity.
- 2.) The Department reserves the right to perform or require the performance of an EPA Method 9 opacity evaluation at any time during facility operation.
- 3.) Visible emission observations shall be made at the hopper, screen/return belt, and transfer belt drop point, and any other source emission on the crusher whenever dry site and/or material conditions increase the likelihood of visible emissions. The opacity during the November 5, 2013 initial performance test was 0% opacity from each source, this is considered the normal opacity. The test was conducted at a maximum processing rate of 350 tons per hour.
 - a.) If fugitive emissions are visible, then determine the cause, make the necessary correction, and verify that the visible emissions problem has been corrected.
 - b.) If visible emissions continue to be persist after corrections are made, then immediately notify the Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.
- 4.) Records of these observations, investigations and corrective actions shall be kept on-site in a format acceptable to the Department for a minimum of five years. Records shall be made available to the department upon request.

Manufacturer Name/Model Number: Eagle Portable Crusher (300 tph)

Parameter Monitored: OPACITY



Upper Permit Limit: 10 percent
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 21: Contaminant List
Effective between the dates of 07/03/2015 and 07/02/2025



Applicable State Requirement:ECL 19-0301

Item 21.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN

**Condition 22: Malfunctions and start-up/shutdown activities
Effective between the dates of 07/03/2015 and 07/02/2025**

Applicable State Requirement:6 NYCRR 201-1.4

Item 22.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described



under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 23: Emission Unit Definition
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 23.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: P-00001

Emission Unit Description:

Emission Unit P-00001 consists of a 5-ton batch hot mix asphalt plant with associated emission control equipment. The plant will run on natural gas, and has the capability to fire No. 2 fuel oil and waste fuel A. Annual asphalt production for this unit remains at the currently permitted limit of 123,250 tons per year (12 month rolling total). Aggregate is dried in a rotary drum and then is mixed with asphalt which is added to the drum. The hot mix asphalt is discharged onto a drag conveyor and transferred to a silo for storage and later sale. Gases and particulates emitted from the processing of the aggregate and asphalt are transported by a ventilation system through a cyclone and then through a baghouse to remove particulates.

Building(s): PLANT1

Item 23.2:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: P-00002

Emission Unit Description:

Emission Unit P-00002 – consist of a 6-ton batch hot mix asphalt plant and associated emission control equipment. The plant will run on natural gas and has the capability to fire number 2 fuel oil and waste fuel A. Annual asphalt production for this unit remains at the currently permitted limit of 123,250 tons per year (12 month rolling total). Aggregate is dried in a rotary drum and then is mixed with asphalt which is added to the drum. The hot mix asphalt is discharged onto a drag conveyor and transferred to a silo for storage and later sale. Gases and particulates emitted from the processing of the aggregate and asphalt is transported by a ventilation system through



a cyclone and then through a baghouse to remove particulates.

Building(s): PLANT2

Item 23.3:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: P-00003

Emission Unit Description:

Emission Unit P-00003 is a 400 tph hot mix drum asphalt plant, with associated emission control equipment. The plant runs on natural gas, and has the capability to fire number 2 fuel oil and waste fuel A. Aggregate is dried in a rotary drum and then is mixed with asphalt which is added to the drum. The hot mix asphalt is discharged onto a drag conveyor and transferred to a silo for storage and later sale. Gases and particulates emitted from the processing of the aggregate and asphalt is transported by a ventilation system through baffling arrangement and then through a baghouse to remove particulates.

Building(s): PLANT3

Item 23.4:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: P-00004

Emission Unit Description:

Emission unit is a 300 ton per hour Eagle portable crusher powered by a 350 hp John Deere engine which will operate at the Jamestown facility and other off-site locations.

Building(s): Crusher

**Condition 24: Renewal deadlines for state facility permits
Effective between the dates of 07/03/2015 and 07/02/2025**

Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 24.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 25: Compliance Demonstration
Effective between the dates of 07/03/2015 and 07/02/2025**

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 25.1:

The Compliance Demonstration activity will be performed for the Facility.

New York State Department of Environmental Conservation

Permit ID: 9-0608-00050/00009

Facility DEC ID: 9060800050



Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 9
270 Michigan Ave.
Buffalo, NY 14203

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 08/01/2016 for the period 07/03/2015 through 07/02/2016

Condition 26: Visible Emissions Limited
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable State Requirement:6 NYCRR 211.2

Item 26.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

****** Emission Unit Level ******

Condition 27: Emission Point Definition By Emission Unit
Effective between the dates of 07/03/2015 and 07/02/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 27.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: P-00001

Emission Point: 0001A

Height (ft.): 42

Diameter (in.): 56

NYTMN (km.): 4670.2

NYTME (km.): 147.2

Building: PLANT1

Item 27.2:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: P-00002

New York State Department of Environmental Conservation

Permit ID: 9-0608-00050/00009

Facility DEC ID: 9060800050



Emission Point: 0002A
Height (ft.): 35 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4670.2 NYTME (km.): 147.2 Building: PLANT2

Item 27.3:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: P-00003

Emission Point: 0003A
Height (ft.): 35 Length (in.): 57 Width (in.): 43
NYTMN (km.): 4670.2 NYTME (km.): 147.2 Building: PLANT3

Item 27.4:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: P-00004

Emission Point: CRUSH
Height (ft.): Length (in.): Width (in.):
NYTMN (km.): 4670.2 NYTME (km.): 147.2 Building: Crusher

Condition 28: Process Definition By Emission Unit

Effective between the dates of 07/03/2015 and 07/02/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 28.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00001
Process: P02 Source Classification Code: 3-05-002-52
Process Description:
The process is the burning of natural gas as a fuel in the aggregate dryer of a hot mix asphalt batch plant (Plant No. 1).

Emission Source/Control: 0BH1A - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0CYC1 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: D1001 - Process

Item 28.2:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00001
Process: P04 Source Classification Code: 3-05-002-01
Process Description:

New York State Department of Environmental Conservation

Permit ID: 9-0608-00050/00009

Facility DEC ID: 9060800050



The process is the burning of fuel oil #2 and/or Waste Fuel A as a fuel in the aggregate dryer of a batch hot mix asphalt plant (Plant No. 1).

Emission Source/Control: 0BH1A - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0CYC1 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: D1001 - Process
Design Capacity: 5 tons

Item 28.3:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00002
Process: P05 Source Classification Code: 3-05-002-01
Process Description:
The process is the burning of No. 2 fuel oil and/or Waste Oil A as a fuel in the aggregate dryer of a batch hot mix asphalt plant (Plant No. 2).

Emission Source/Control: 0CYC2 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: BH202 - Control
Control Type: FABRIC FILTER

Emission Source/Control: D2002 - Process
Design Capacity: 6 tons

Item 28.4:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00002
Process: P07 Source Classification Code: 3-05-002-05
Process Description:
The process is the burning of natural gas as a fuel in the aggregate dryer of a batch hot mix asphalt plant (Plant No. 2).

Emission Source/Control: 0CYC2 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: BH202 - Control
Control Type: FABRIC FILTER

Emission Source/Control: D2002 - Process
Design Capacity: 6 tons

Item 28.5:



This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00003
Process: P03 Source Classification Code: 3-05-002-05
Process Description:
The process is the burning of natural gas as a fuel in the aggregate dryer of a 400 tpy drum hot mix asphalt plant (Plant No. 3).

Emission Source/Control: 00BC3 - Control
Control Type: BAFFLE

Emission Source/Control: BH302 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000D3 - Process
Design Capacity: 400 tons per hour

Item 28.6:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00003
Process: P06 Source Classification Code: 3-05-002-01
Process Description:
The process is the burning of No. 2 fuel oil and/or Waste Fuel A (waste oil) as a fuel in a parallel flow drum dryer-mixer plant (Plant No. 3).

Emission Source/Control: 00BC3 - Control
Control Type: BAFFLE

Emission Source/Control: BH302 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 000D3 - Process
Design Capacity: 400 tons per hour

Item 28.7:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00004
Process: P08 Source Classification Code: 3-05-040-31
Process Description:
The process is the crushing and screening of aggregate material in the 300 ton per hour portable crusher.

Emission Source/Control: JDEER - Combustion
Design Capacity: 350 horsepower (mechanical)

Emission Source/Control: CMIST - Control
Control Type: WATER MIST/SPRAY



Emission Source/Control: CRUSH - Process
Design Capacity: 300 tons per hour

