



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 5-5344-00009/00017  
Effective Date: 01/05/2018 Expiration Date: 01/04/2028

Permit Issued To: PECKHAM MATERIALS CORP  
20 HAARLEM AVE  
WHITE PLAINS, NY 10603-2223

Contact: ROBERT J YAREMKO  
PECKHAM MATERIALS CORP  
20 HAARLEM AVE  
WHITE PLAINS, NY 10603  
(914) 949-2000

Facility: PECKHAM MATERIALS CORP PLANT 31  
438 VAUGHN RD  
HUDSON FALLS, NY 12839

Contact: GREGORY M SHEYON  
SPECTRA ENGINEERING ARCHITECTURE AND SURVEYING  
19 BRITISH AMERICAN BLVD W  
LATHAM, NY 12110  
(518) 782-0882

Description:  
Peckham Materials Corporation's Plant 31 is a manufacturer of crushed stone, sand, and hot mix asphalt (HMA). The plant is located in the Town of Kingbury, Washington County. At the facility, stone is quarried and processed (crushed and screened) to produce construction aggregate and sand. The construction aggregate and sand is either stored on site in stockpiles for later use or is loaded directly into trucks. In addition to the quarry, there is a HMA plant located at the facility where liquid asphalt, various sizes of aggregate, and sand are heated in a rotary dryer and then blended to produce HMA. The HMA is transferred to storage silos or loaded directly into trucks. The rotary dryer can be fired with #2 fuel oil or on-specification waste oil (i.e. Waste Fuel A). Particulate emissions from the rotary dryer are controlled by the baghouse.

This facility contains a 240 tph batch /500 tph drum mix HMA plant which are subject to New Source Performance Standards (NSPS).

Sources at this facility are regulated primarily under 40CFR 60 Parts A, I and OOO, as well as 6NYCRR Parts 200, 201, 202, 211, 212, 215 and Subpart 225-1 and 2. Caps on asphalt and aggregate production will allow the facility to cap out of Title V permitting requirements contained in Subpart 201-6 of 6 NYCRR 201, as well as Reasonably

**New York State Department of Environmental Conservation**  
Facility DEC ID: 5534400009



Available Control Technology (RACT) requirements for volatile organic compounds (VOCs) contained in 6NYCRR 212. The asphalt and aggregate production caps are 400,000 tons/year and 1, 313,550 tons/year, respectively.

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:           KEVIN R BLISS  
  NYSDEC - WARRENSBURG SUBOFFICE  
  232 GOLF COURSE RD  
  WARRENSBURG, NY 12885-1172

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 5 SUBOFFICE - WARRENSBURG



**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 the expiration of permits for Title V and 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 5**  
**SUBOFFICE - WARRENSBURG**  
**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 5 Sub-office  
Division of Environmental Permits  
232 Golf Course Road  
Warrensburg, NY 12885-1172  
(518) 623-1281



**Permit Under the Environmental Conservation Law (ECL)**

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

**IDENTIFICATION INFORMATION**

Permit Issued To: PECKHAM MATERIALS CORP  
20 HAARLEM AVE  
WHITE PLAINS, NY 10603-2223

Facility: PECKHAM MATERIALS CORP PLANT 31  
438 VAUGHN RD  
HUDSON FALLS, NY 12839

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

Permit Effective Date: 01/05/2018

Permit Expiration Date: 01/04/2028



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 4 6 NYCRR Subpart 202-1: Compliance Demonstration
- 5 6 NYCRR 211.1: Air pollution prohibited
- 6 6 NYCRR 212-1.3: Compliance Demonstration
- 7 6 NYCRR 212-1.3: Compliance Demonstration
- 8 6 NYCRR 212-1.3: Compliance Demonstration
- 9 6 NYCRR 225-1.2 (e): Compliance Demonstration
- 10 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 11 6 NYCRR 225-1.2 (i): Compliance Demonstration
- 12 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 13 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 14 40CFR 60.7(a), NSPS Subpart A: Date of construction notification -  
If a COM is not used.
- 15 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 16 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration
- 17 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration
- 18 40CFR 60.670(d)(1), NSPS Subpart OOO: Exemption for equipment  
replacement when equipment does not increase emissions
- 19 40CFR 60.670(f), NSPS Subpart OOO: applicability of subpart A
- 20 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 21 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 22 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 23 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 24 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration
- 25 40CFR 60.675(c), NSPS Subpart OOO: Compliance Demonstration
- 26 40CFR 60.675(e), NSPS Subpart OOO: Compliance Demonstration
- 27 40CFR 60.676, NSPS Subpart OOO: Compliance Demonstration
- 28 40CFR 60.676(a), NSPS Subpart OOO: Compliance Demonstration
- 29 40CFR 63, Subpart ZZZZ: Compliance and Enforcement

#### Emission Unit Level

##### EU=0-000AS

- 30 6 NYCRR 212-4.1 (a) (1): Compliance Demonstration
- 31 6 NYCRR 212-4.1 (a) (2): Compliance Demonstration
- 32 6 NYCRR 212-4.1 (b): Compliance Demonstration
- 33 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration

##### EU=0-ST100,Proc=008

- 34 6 NYCRR 212-1.6 (a): Compliance Demonstration

### STATE ONLY ENFORCEABLE CONDITIONS

#### Facility Level

- 35 ECL 19-0301: Contaminant List
- 36 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities



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- 37 6 NYCRR Subpart 201-5: Emission Unit Definition
- 38 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 39 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 40 6 NYCRR 211.2: Visible Emissions Limited
- 41 6 NYCRR 211.2: Compliance Demonstration
- 42 6 NYCRR 212-2.1: Compliance Demonstration

**Emission Unit Level**

- 43 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 44 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: 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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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 L: 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 01/05/2018 and 01/04/2028**

**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: 160,701 pounds per year

Name: CARBON MONOXIDE

**Condition 2: Capping Monitoring Condition**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 2.1:**

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)

**Item 2.2:**

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

**Item 2.3:**

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

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other state and federal air pollution control requirements, regulations or law.

**Item 2.4:**

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 2.5:**

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 2.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10

**Item 2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS  
Monitoring Description:  
The facility shall cap annual emissions by limiting combined crushed stone and RAP production to no greater than 1,313,550 tons during any 12-month period. This production cap limits facility-wide potentials to emit (PTEs) for PM-10 below major source thresholds.

Work Practice Type: PROCESS MATERIAL THRUPUT  
Process Material: STONE  
Upper Permit Limit: 1313550 tons per year  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2018.  
Subsequent reports are due every 12 calendar month(s).

**Condition 3: Capping Monitoring Condition**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 3.1:**

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

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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 212-3.1 (a)
- 40 CFR 52.21 (i) (2)

**Item 3.2:**

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

**Item 3.3:**

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 3.4:**

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 3.5:**

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 3.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

- |                     |                    |
|---------------------|--------------------|
| CAS No: 0NY075-00-5 | PM-10              |
| CAS No: 0NY210-00-0 | OXIDES OF NITROGEN |
| CAS No: 0NY998-00-0 | VOC                |
| CAS No: 0NY100-00-0 | TOTAL HAP          |
| CAS No: 000630-08-0 | CARBON MONOXIDE    |

**Item 3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall cap annual emissions by limiting asphalt production to no greater than 400,000 tons during any 12-month period. This production cap limits facility-wide potentials to emit (PTEs) for NO<sub>x</sub>, CO, VOC,







**Condition 6: Compliance Demonstration**  
Effective between the dates of 01/05/2018 and 01/04/2028

**Applicable Federal Requirement:6 NYCRR 212-1.3**

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 000050-00-0 FORMALDEHYDE

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In accordance with the applicability requirements of 6 NYCRR 212-1.1, the Department will assign an environmental rating for each air contaminant emitted from each process emission source or emission point in accordance with Subdivisions (a) through (e) of this Section. The factors in Subdivisions (a) through (d) will be considered in making a determination of the environmental rating (ER) to be applied to an air contaminant pursuant to subdivision (e), Table 1 - Environmental Rating Criteria.

Formaldehyde is an air contaminant listed in Section 212-2.2 Table 2 as a High Toxicity Air Contaminant (HTAC) and is assigned a toxicity classification of "H" (high) in the AGC/SGC tables listed in DAR-1. The DAR-1 environmental rating process commences with initially assigning the toxicity classification as the ER (high toxicity contaminants should be assigned an ER of "A"). DAR-1 states the initial rating represents a starting point, and based upon the air quality dispersion modeling, nearby sensitive receptors, and background concentrations (if available), an ER may be re-assigned a higher or lower rating. Based on AP-42 emission rates, limits on production, and stack parameters (including a stack height of 38 feet), AerScreen modeling predicts maximum impacts of less than 70 % AGC from this process alone (i.e., stone dryer). The relatively low impacts and the location of the existing facility support lowering the ER rating to a "B" for this process.

DAR-1 also indicates that the final ER should consider the predicted facility-wide ambient air concentration using all process emission sources (i.e., stone dryer, HMA loadout and silo filling) contributing to the maximum calculated receptor for the air contaminant being



evaluated. Based on AerScreen models, the maximum predicted facility-wide annual impact exceeds the AGC for formaldehyde. DAR-1 recommends the ER from the process emission source with the greatest contribution should be raised, or the Department may establish operating conditions or controls which limit emission rate to demonstrate compliance with the AGC.

The owner or operator shall submit an acceptable compliance demonstration and/or permit modification assuring that the maximum facility-wide ambient formaldehyde concentration meets the respective AGC (i.e., .06 ug/m<sup>3</sup>) by February 28, 2018. Any physical or operational changes identified shall be installed/implemented before commencing production in 2018 and a notification submitted within 30-days of completion.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR 212-1.3**

**Item 7.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000071-43-2 BENZENE

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In accordance with the applicability requirements of 6 NYCRR 212-1.1, the Department will assign an environmental rating for each air contaminant emitted from each process emission source or emission point in accordance with Subdivisions (a) through (e) of this Section. The factors in Subdivisions (a) through (d) will be considered in making a determination of the environmental rating (ER) to be applied to an air contaminant pursuant to subdivision (e), Table 1 - Environmental Rating Criteria.

Benzene is an air contaminant listed in Section 212-2.2 Table 2 as a High Toxicity Air Contaminant (HTAC) and is assigned a toxicity classification of "H" (high) in the AGC/SGC tables listed in DAR-1. The DAR-1 environmental



rating process commences with initially assigning the toxicity classification as the ER (high toxicity contaminants should be assigned an ER of "A"). DAR-1 states the initial rating represents a starting point, and based upon the air quality dispersion modeling, nearby sensitive receptors, and background concentrations (if available), an ER may be re-assigned a higher or lower rating. Based on AP-42 emission rates, limits on production, and stack parameters (including a stack height of 38 feet), AerScreen modeling predicts maximum impacts of less than 5 % AGC from this process alone (i.e., stone dryer). The relatively low impacts and the location of the existing facility support lowering the ER rating to a "B" for this process.

DAR-1 also indicates that the final ER should consider the predicted facility-wide ambient air concentration using all process emission sources (i.e., stone dryer, HMA loadout and silo filling) contributing to the maximum calculated receptor for the air contaminant being evaluated. Based on AerScreen models, the maximum predicted facility-wide annual impact does not exceed the AGC for benzene. Benzene is assigned an ER of "B" for this process.

Monitoring Frequency: UPON PERMIT RENEWAL

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 8: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR 212-1.3**

**Item 8.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Process emission sources must be evaluated on an individual contaminant basis and assigned an environmental rating, with the exception of High Toxic Air Contaminants (HTACs) meeting the emission limits of Table 2 of 212-2.2 and non-HTACs emitted at a facility-wide annual rate of less than 100 pounds.

The first factor affecting a process emission source's environmental rating is the toxicity classification (H-high, M -medium, or L-low) as defined in Part 212-1.2 and listed in the DAR-1 AGC/SGC tables. The DAR-1



environmental rating process commences with initially assigning the toxicity classification as the environmental (H, M, L toxicity contaminants should be assigned an ER of "A", "B" and "C," respectively).

Based on the Potentials to Emit (PTE), emission rate potentials (ERP) and other supporting documentation associated with application ID. No. 5-53440-00090-0017, predicted maximum ambient impacts for the permitted contaminants are in compliance with SGCs/AGCs. In accordance with §212-1.3 - Determination of Environmental Rating, environmental ratings of A, B or C have been assigned to all permitted contaminants in accord with the toxicity classifications identified in AGC/SGC tables, unless otherwise noted in this permit.

Any increase in a contaminants ERP/PTE (including speciated VOCs and PM) from those contained in the most recent approved application is a modification and requires, at a minimum, a notification in accordance with 6 NYCRR 201-5.4.

Monitoring Frequency: UPON PERMIT RENEWAL

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 9: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (e)**

**Item 9.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires residual oil are limited to the purchase of residual oil with a sulfur content of 0.50% sulfur on or after July 1, 2014 and to the firing of residual oil with a sulfur content of 0.50% on or after July 1, 2016.

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. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis,





**Condition 11: Compliance Demonstration**  
Effective between the dates of 01/05/2018 and 01/04/2028

**Applicable Federal Requirement:6 NYCRR 225-1.2 (i)**

**Item 11.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires waste oil on or after July 1, 2014 are limited to the firing of waste oil with 0.75 percent sulfur by weight or less.

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. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.75 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 12: Compliance Demonstration**  
Effective between the dates of 01/05/2018 and 01/04/2028

**Applicable Federal Requirement:6 NYCRR 225-2.4 (b)**

**Item 12.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-000AS

**Item 12.2:**









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:

On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any affected facility any gases which contains particulate matter in excess of 90 mg/dscm (0.04 gr/dscf).

In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).

Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, or at such other times specified by this part, and at such other times as may be required by the Administrator under section 114 of the Act (or the Department), the owner or operator of such facility shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s).

The owner or operator of an affected facility shall provide the Department at least 30 days prior notice of any performance test, except as specified under other subparts, to afford the Department the opportunity to have an observer present.

Upper Permit Limit: .04 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**



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

**Item 17.1:**

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

Emission Unit: 0-000AS

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the (particulate) performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any affected facility any gases which exhibits 20 percent opacity, or greater.

Compliance with opacity standards in this part shall be determined by conducting observations in accordance with Method 9 in appendix A of this part. For purposes of determining initial compliance, the minimum total time of observations shall be 3 hours (30 6-minute averages) for the performance test or other set of observations (meaning those fugitive-type emission sources subject only to an opacity standard).

For the purpose of demonstrating initial compliance, opacity observations shall be conducted concurrently with the initial (particulate) performance test required, and at such other times as may be required by the Department. The opacity results shall be reported along with the results of the initial (particulate) performance test required under §60.8.

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 18: Exemption for equipment replacement when equipment does not increase emissions**

**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 60.670(d)(1), NSPS Subpart**



000

**Item 18.1:**

This Condition applies to:

Emission Unit: OST100

Process: 008

**Item 18.2:**

When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions in §60.672, 60.674, and 60.675 except the owner/operator is not exempt if all existing equipment is replaced as described in §60.670(d)(3).

An owner/operator complying with this condition must submit the information required in §60.676(a).

**Condition 19: applicability of subpart A**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 60.670(f), NSPS Subpart 000**

**Item 19.1:**

This Condition applies to:

Emission Unit: OST100

**Item 19.2:**

Table 1 of 40 CFR 60, Subpart 000 specifies the provisions of Subpart A of Part 60 that do not apply to owners/operators of affected facilities that are subject to the provisions of subpart 000.

All other provisions of Subpart A apply to this facility, as applicable.

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 60.672(b), NSPS Subpart 000**

**Item 20.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-ST100

Process: 011

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The owner or operator must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§ 60.670 and 60.671). The owner or operator must demonstrate compliance with this limit by conducting an initial performance test according to § 60.11 of this part and § 60.675 of this subpart and periodic inspections of water sprays according to § 60.674(b) and § 60.676(b).

Affected facilities (as defined in §§ 60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008 must meet the fugitive emission limits and compliance requirements in Table 3 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under § 60.11. The requirements in Table 3 of this subpart apply for fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in § 60.7(a)(6) and 60.8(d) to a 7-day advance notification.

If the initial performance test date for an affected facility falls during a seasonal shut down (as defined in § 60.671 of this subpart) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.

A repeat performance test according to § 60.11 of this part and § 60.675 of this subpart shall be performed within 5 years from the previous performance test for fugitive emissions from affected facilities without water sprays. Affected facilities controlled by water carryover from upstream water sprays that are inspected according to the requirements in § 60.674(b) and § 60.676(b) are exempt from this 5-year repeat testing requirement.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

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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 21: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

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

**Item 21.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-ST100

Process: 011

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used. The owner or operator must demonstrate compliance with this limit by conducting an initial performance test according to § 60.11 of this part and § 60.675 of this subpart and periodic inspections of water sprays according to § 60.674(b) and § 60.676(b).

Affected facilities (as defined in §§ 60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008 must meet the fugitive emission limits and compliance requirements in Table 3 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under § 60.11. The requirements in Table 3 of this subpart apply for fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in § 60.7(a)(6) and 60.8(d) to a 7-day advance notification.

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If the initial performance test date for an affected facility falls during a seasonal shut down (as defined in § 60.671 of this subpart) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.

A repeat performance test according to § 60.11 of this part and § 60.675 of this subpart shall be performed within 5 years from the previous performance test for fugitive emissions from affected facilities without water sprays. Affected facilities controlled by water carryover from upstream water sprays that are inspected according to the requirements in § 60.674(b) and § 60.676(b) are exempt from this 5-year repeat testing requirement.

Parameter Monitored: OPACITY

Upper Permit Limit: 12 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 22: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

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

**Item 22.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-ST100

Process: 009

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used. The owner or operator must demonstrate compliance with this limit by conducting an initial performance test according to § 60.11 of this part and § 60.675 of this subpart.

Affected facilities (as defined in §§ 60.670 and 60.671) that commenced construction, modification, or

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reconstruction after August 31, 1983 but before April 22, 2008 must meet the fugitive emission limits and compliance requirements in Table 3 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under § 60.11. The requirements in Table 3 of this subpart apply for fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in § 60.7(a)(6) and 60.8(d) to a 7-day advance notification.

If the initial performance test date for an affected facility falls during a seasonal shut down (as defined in § 60.671 of this subpart) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 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 23: Compliance Demonstration**

**Effective between the dates of 01/05/2018 and 01/04/2028**

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

**Item 23.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-ST100

Process: 009

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:





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The Compliance Demonstration applies to:

Emission Unit: 0-ST100

Process: 011

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of any affected facility which began construction or modification on or after April 22, 2008, that uses wet suppression to control dust from any affected sources must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system.

The owner/operator must initiate corrective action within 24 hours and complete the corrective action as expeditiously as practical if the owner/operator finds that water is not flowing properly during an inspection of the water spray nozzles.

The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under §60.676(b).

If the facility ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than the water sprays during the monthly inspections (for example, water from recent rainfall), the logbook entry required under §60.676(b) must specify the control mechanism being used instead of the water sprays

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 25: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 60.675(c), NSPS Subpart OOO**

**Item 25.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-ST100

Process: 009

Emission Unit: 0-ST100



Process: 011

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) In determining compliance with the particulate matter standards in § 60.672(b) or § 60.672(e)(1), the owner or operator shall use Method 9 of Appendix A-4 of this part and the procedures in § 60.11, with the following additions:

(i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9 of Appendix A-4 of this part, Section 2.1) must be followed.

(iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

(3) When determining compliance with the fugitive emissions standard for any affected facility described under § 60.672(b) or § 60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 26: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 60.675(e), NSPS Subpart OOO**

**Item 26.1:**

The Compliance Demonstration activity will be performed for the facility:



The Compliance Demonstration applies to:

Emission Unit: 0-ST100  
Process: 009

Emission Unit: 0-ST100  
Process: 011

**Item 26.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

(i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

(ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.  
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(2) A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

(i) No more than three emission points may be read concurrently.

(ii) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

(iii) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 27: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 60.676, NSPS Subpart OOO**

**Item 27.1:**

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

Emission Unit: 0-ST100  
Process: 009

Emission Unit: 0-ST100  
Process: 011

**Item 27.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in § 60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with § 60.672(b), (e) and (f).

The owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in § 60.672(b) and the emission test requirements of § 60.11.

The subpart A requirement under § 60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator.

(1) For a combination of affected facilities in a



production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.

(2) For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 60.676(a), NSPS Subpart OOO**

**Item 28.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 28.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator seeking to comply with 40 CFR Part 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

(i) The total surface area of the top screen of the existing screening operation being replaced and

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- (ii) The total surface area of the top screen of the replacement screening operation.
- (3) For a conveyor belt:
  - (i) The width of the existing belt being replaced and
  - (ii) The width of the replacement conveyor belt.
- (4) For a storage bin:
  - (i) The rated capacity in megagrams or tons of the existing storage bin being replaced and
  - (ii) The rated capacity in megagrams or tons of replacement storage bins.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 29: Compliance and Enforcement**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:40CFR 63, Subpart ZZZZ**

**Item 29.1:**

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

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

**Condition 30: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR 212-4.1 (a) (1)**

**Item 30.1:**

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The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000AS

**Item 30.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A tune-up must be 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 31: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR 212-4.1 (a) (2)**

**Item 31.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000AS

**Item 31.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must have a plan which details the introduction or continuation of methods by which to reduce the moisture content of the aggregate stockpile(s). The facility shall perform self-inspections to monitor compliance with the plan.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 32: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable Federal Requirement:6 NYCRR 212-4.1 (b)**

**Item 32.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000AS

**Item 32.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) When the burner is to be replaced, and a low NOx burner is not the unit of choice, the owner or operator of a hot mix asphalt plant must provide the Department with an economic feasibility analysis that justifies their decision. The 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) Hot mix asphalt production plants which are in a state of inactivity on January 1, 2020, and have not otherwise complied with the requirements of this subdivision by that date must do so prior to continued operation.

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 33: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

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

**Item 33.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-000AS

**Item 33.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

At a minimum, this process must demonstrate to the Department, that it can operate at a combustion efficiency of at least 99 percent while burning waste fuel A.

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: EPA Method X

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE AT ANY TIME

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 34: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**





**Applicable Federal Requirement:6 NYCRR 212-1.6 (a)**

**Item 34.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-ST100

Process: 008

**Item 34.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No facility owner or operator shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source or emission point, except for the emission of uncombined water.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**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: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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 B: 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 C: 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 35: Contaminant List  
Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:ECL 19-0301**

**Item 35.1:**

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

CAS No: 000050-00-0  
Name: FORMALDEHYDE

CAS No: 000071-43-2  
Name: BENZENE

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

CAS No: 0NY075-00-0

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Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

**Condition 36: Malfunctions and start-up/shutdown activities  
Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 36.1:**

(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

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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 37: Emission Unit Definition**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 37.1:**

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

Emission Unit: 0-000AS

Emission Unit Description:

This emission unit consists of a hot mixed asphalt (HMA) plant. HMA is produced by drying and mixing measured quantities of size-graded aggregate, reclaimed asphalt pavement (RAP), and liquid asphaltic cement. HMA plant, emission source (ES) PLNT3, is capable of operating as either a 240 ton per hour batch plant or a 500 ton per hour drum mix plant. Other emission processes include HMA storage silo filling and truck loading (HMA loadout) for transport.

Emission sources common to both the batch and drum HMA processes include: aggregate/RAP hoppers and associated cold feed systems; a Waste Fuel A, No. 2 or 4 fuel oil fired rotary drum dryer with a baghouse control device; HMA conveyors and silo hoppers (batchers); and HMA storage silo loadout. The batch process includes the following additional emission sources: hot-side aggregate screens; heated storage bins; weigh hopper; and pug mill.

**Item 37.2:**

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

Emission Unit: 0-ST100

Emission Unit Description:

This emission unit consists of an aggregate processing plants. Process 008 identifies the stone processing plant emission sources which are not subject to NSPS, Subpart OOO. Processes 009 and 011 groups the remainder of the stone processing plant emission sources subject to pre and post 4/22/3008 NSPS requirements, respectively. These plants are powered by utility-supplied electricity.

RAP is processed using Part 201 exempt emission sources.

**Condition 38: Renewal deadlines for state facility permits**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

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

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**Item 38.1:**

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 39: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

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

**Item 39.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 39.2:**

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 5  
232 Golf Course Rd.  
Warrensburg, NY 12885

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 40: Visible Emissions Limited**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 40.1:**

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.

**Condition 41: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 41.1:**

The Compliance Demonstration activity will be performed for the Facility.

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**Item 41.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No waste oil is to be used for fugitive dust control. Plant roadways and stockpiles must be watered and/or treated with an approved dust suppressant, as appropriate, and speed limited to preclude emissions of dust which is determined to be in violation of 6 NYCRR 211.2 which states:

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.

If complaints of excess dust are received, the facility must immediately apply corrective measures as necessary to comply with the requirements of 6 NYCRR 211.2 as noted above. A log of complaints must be kept in a format acceptable to the Department.

The following data must be recorded for each observation:

- The date and time of the complaint,
- The name, address and phone # of the complainant (if given),
- The complainant's description of the complaint,
- The facility's evaluation of the complaint, and
- The corrective measures taken.

These records must be retained at the facility for a period of three (3) years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 42: Compliance Demonstration**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:6 NYCRR 212-2.1**

**Item 42.1:**

The Compliance Demonstration activity will be performed for the Facility.

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**Item 42.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of air contaminants to the outdoor atmosphere from any process emission source or emission point are restricted as follows:

(a) for an air contaminant listed in Section 212-2.2 Table 2 - High Toxicity Air Contaminant List, of this Part, the facility owner or operator shall either limit the actual annual emissions from all process operations at the facility so as to not exceed the mass emission limit listed for the individual HTAC; or demonstrate compliance with the air cleaning requirements for the HTAC as specified in Subdivision 212-2.3(b), Table 4 - Degree of Air Cleaning Required for Non-Criteria Air Contaminants, of this Part for the environmental rating assigned to the contaminant by the department.

(b) for any air contaminant not listed on Table 2, unless it is a solid particulate described in subdivision (c) of this Section, the facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Subdivision 212-2.3(a), Table 3 - Degree of Air Cleaning Required for Criteria Air Contaminants, or Subdivision 212-2.3(b), Table 4 - Degree of Air Cleaning Required for Non-Criteria Air Contaminants, as applicable, for the environmental rating assigned to the contaminant by the department.

(c) for a solid particulate assigned an environmental rating of B or C emitted from a process emission source, the facility owner or operator shall not allow emissions of particulate to exceed the requirements specified in Subpart 212-2.4 of this Part.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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

**Condition 43: Emission Point Definition By Emission Unit  
Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 43.1:**





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

Emission Unit: 0-000AS

Emission Point: AS003

Height (ft.): 38 Length (in.): 57 Width (in.): 44  
NYTMN (km.): 4800.679 NYTME (km.): 615.838

**Condition 44: Process Definition By Emission Unit**  
**Effective between the dates of 01/05/2018 and 01/04/2028**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 44.1:**

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

Emission Unit: 0-000AS

Process: AS1

Process Description:

500 ton per hour HMA drum mix plant (ES PLNT3) - Processing begins as aggregate is hauled from storage piles and is placed in the appropriate cold feed bins. The aggregate is proportioned by size gradations from the cold feed bins onto a conveyor belt and is transported into a rotary dryer at the opposite end of the Waste Fuel A (or No. 2/4 fuel oil) fired burner. As the drum rotates, the material flows in the opposite or counterflow to the direction of exhaust gases. The liquid asphalt cement mixing zone is located behind the burner flame zone so as to remove the materials from direct contact with hot exhaust gases.

Liquid asphalt cement from the heated storage tank is controlled by a variable flow pump which is electronically linked to the aggregate and RAP weigh scales. It is injected into the mixing zone along with any RAP and particulate matter from primary and secondary collectors. The mixture is discharged at the burner end of the drum and is conveyed to storage silos where it is loaded into transport trucks.

Emissions from the drum dryer exhaust are controlled by a baghouse (bghs1).

Emission Source/Control: BGHS1 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PLNT3 - Process

**Item 44.2:**



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

Emission Unit: 0-000AS

Process: BAT

Process Description:

240 tons per hour HMA batch plant (PLNT3) - Processing begins as aggregate is hauled from the storage piles and is placed in the appropriate cold feed bins. The material is metered from the cold feed bins onto a conveyer belt and is transported into a rotary dryer where it is heated and dried using Waste Fuel A (or No. 2/4 fuel oil). As the hot aggregate leaves the dryer it is conveyed into a bucket elevator and is transferred to a set of vibrating screens, where it is classified into different grades and is dropped into individual "hot" bins according to size. To control aggregate size distribution in the final batch mix, the operator opens various hot bins over a weigh hopper until the desired mix and weight are obtained. Concurrent with the aggregate being weighed, liquid asphalt cement is pumped from a heated storage tank to an asphalt bucket, where it is weighed to achieve the desired aggregate-to-asphalt cement ratio in the final mix. The aggregate from the weigh hopper is dropped into the pug mill and dry-mixed. The liquid asphalt is then dropped into the pug mill where it is mixed for an additional period of time. RAP is conveyed directly to the pug mill from storage hoppers and combined with the hot aggregate. The hot mix is conveyed to a hot storage silo or is dropped directly into transport trucks.

Emissions from the drum dryer exhaust are controlled via baghouse (bghs1).

Emission Source/Control: BGHS1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: PLNT3 - Process

**Item 44.3:**

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

Emission Unit: 0-000AS

Process: FIL

Process Description:

This process involves the filling of heated HMA storage silos. HMA from the drum mixer discharge chute is conveyed to the top of the storage silos by a drag slat and belt conveyors. To prevent top of silo segregation, HMA is first discharged from the belt conveyor to a temporary hopper (batcher) and when nearly full the HMA is deposited into the storage silo.



Emission Source/Control: ASBCH - Process

Emission Source/Control: ASBLT - Process

Emission Source/Control: DRAG1 - Process

**Item 44.4:**

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

Emission Unit: 0-000AS

Process: LD1

Process Description:

The HMA storage silos/pugmill are loaded into trucks through a discharge opening which is equipped with a gate. The timed gate is used to control the amount of HMA discharged and to prevent segregation of aggregate.

Emission Source/Control: LGATE - Process

**Item 44.5:**

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

Emission Unit: 0-ST100

Process: 008

Process Description:

This process identifies stone crushing, conveying and screening sources not subject to 40 CFR 60, Subpart OOO.

Emission Source/Control: 09328 - Process

Design Capacity: 225 tons per hour

Emission Source/Control: 09427 - Process

Design Capacity: 96 square feet

Emission Source/Control: 09428 - Process

Design Capacity: 60 square feet

Emission Source/Control: 09429 - Process

Design Capacity: 140 square feet

**Item 44.6:**

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

Emission Unit: 0-ST100

Process: 009

Process Description:

This process identifies crushers, conveyors and screens subject to 40 CFR 60, Subpart OOO, which were constructed or modified between 8/31/1983 and 4/22/2008.

Emission Source/Control: 09327 - Process

Design Capacity: 350 tons per hour



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Emission Source/Control: 95120 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95122 - Process  
Design Capacity: 36 inches

Emission Source/Control: 95125 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95126 - Process  
Design Capacity: 36 inches

Emission Source/Control: 95127 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95128 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95129 - Process  
Design Capacity: 24 inches

Emission Source/Control: 95130 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95131 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95132 - Process  
Design Capacity: 24 inches

Emission Source/Control: 95133 - Process  
Design Capacity: 24 inches

Emission Source/Control: 95139 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95140 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95141 - Process  
Design Capacity: 36 inches

Emission Source/Control: 95142 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95143 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95144 - Process  
Design Capacity: 30 inches

Emission Source/Control: 95145 - Process

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Design Capacity: 30 inches

Emission Source/Control: 95146 - Process  
Design Capacity: 205 tons per hour

Emission Source/Control: CVN01 - Process  
Design Capacity: 36 inches

Emission Source/Control: CVN04 - Process  
Design Capacity: 30 inches

Emission Source/Control: CVN07 - Process  
Design Capacity: 30 inches

Emission Source/Control: CVN10 - Process  
Design Capacity: 30 inches

Emission Source/Control: CVN11 - Process  
Design Capacity: 30 inches

**Item 44.7:**

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

Emission Unit: 0-ST100

Process: 011

Process Description:

This process identifies crushers, conveyors and screens subject to 40 CFR 60, Subpart OOO, which were constructed or modified after 4/22/2008.

Emission Source/Control: 09430 - Process  
Design Capacity: 160 square feet

Emission Source/Control: CR005 - Process  
Design Capacity: 450 tons per hour