



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-2930-00015/02001
Effective Date: 11/24/2015 Expiration Date: 11/23/2025

Permit Issued To: REDLAND QUARRIES NY INC
75 PINEVIEW DR STE 100
BUFFALO, NY 14228

Contact: ANTHONY M DISTEFANO
Lafarge North America
75 Pineview Drive Suite 100
Buffalo, NY 14228
(716) 505-5304

Facility: REDLAND QUARRIES NY INC - NIAGARA FALLS QUARRY
8875 QUARRY RD
NIAGARA FALLS, NY 14304

Contact: COURTLAND HESS
LAFARGE NORTH AMERICA
400 HINMAN ROAD
LOCKPORT, NY 14094
(716) 439-1300

Description:

This Air State Facility permit describes operations at Lafarge Corporation's Redland Niagara Quarry located at 8875 Quarry Road, Niagara Falls, New York 14304. The permittee is a producer of crushed limestone and asphalt paving products.

Emissions from the facility consist of particulates, and PM-10 from the crushing, screening and conveying operations and volatile organic compounds (VOC), sulfur dioxide, nitrogen oxides, carbon monoxide, particulate matter (PM) and various hazardous air pollutants (HAPs) from the asphalt production. The permittee will accept asphalt production limits so that potential emissions of these contaminants remain below the major source thresholds of 100 tons per year (tpy) of carbon monoxide, nitrogen oxides, PM, and sulfur dioxides and 50 tpy VOC and 25 tpy HAP.

Crushing Plant

The crushed stone operation consists of quarrying activities with associated crushing, screening, and material handling operations performed by CATCO. The portable crushing plant began operation in April of 2011 and consists of a 700 ton per hour Lippman 3062 primary jaw crusher and two secondary impactors: 300 ton per hour Lippman 5165 impact crusher, and another 350 tph Sandvic CH600 impact crusher. Potential emissions of PM and PM-10 calculated using AP-42 emission factors (01/95) at



the maximum rate of 4,380,000 tons per year have shown these emissions to be less than the major source threshold of 100 tons per year.

The crushing and screening operations are subject to the New Source Performance Standards for Non-Metallic Mineral Processing 40 CFR Part 60 Subpart OOO for sources constructed or modified after August 31, 1983. These standards prohibit fugitive emissions from the crusher in excess of 15 percent opacity and fugitive emissions from any transfer point on the belt conveyors in excess of 10 % opacity.

A portable crusher is used to crush RAP(reclaimed asphalt pavement) and is exempt from permitting as per 6NYCRR, Part 201-3.2(c)(29)(ii) for units where the rated capacity is less than 150 tph.

Asphalt Production

The 7 ton H&B batch mix plant is identified as Plant 4 (emission point 00004) and began operation in March 1976. This plant is equipped with a natural gas fired rotary dryer and a baghouse and is rated at 300 ton per hour. There are two associated 30,000 gallon natural gas-fired heated asphalt oil tanks.

Batch hot mix asphalt processing begins as hoppers meter aggregate material onto a conveyor belt that transfers the aggregate into a rotary dryer. Natural gas was used to fire the aggregate dryer and will be replaced by waste oil as the primary fuel. As the hot aggregate leaves the dryer, it drops into a bucket elevator and transfers to a set of vibrating screens that classify it into different grades and drops it into the respective size hot bins. The hot bins open over a weigh hopper for the desired mix and weight in each batch. Concurrent with the aggregate being weighed, liquid asphalt cement is pumped from a heated storage tank into an asphalt bucket where it is weighed to achieve the desired aggregate to asphalt cement ratio in the final mix. The aggregate is dropped from the weigh hopper into the pugmill and dry-mixed. Liquid asphalt then drops into the pugmill where it is mixed for an additional period of time. The asphalt product is then transferred to one of the three heated storage silos.

The batch plant is subject to the New Source Performance Standards 40 CFR Part 60 Subpart I for Hot Mix Asphalt Facilities constructed after June 11, 1973. This Subpart limits particulate emissions to 0.04 grains per dsf and opacity to less than 20 percent. This permit reflects the replacement of the existing baghouse and the replacement of the primary cyclone with a particulate knock-out box. A Method 5 source test will be conducted once during the term of the permit to demonstrate compliance with the emission standard as a result of these modifications.

Waste Oil

Waste oil as an alternate fuel for the rotary dryer at both the batch plant. Calculations based on 12/2000 AP-42 emission factors for waste oil and a maximum (8760 x 400 tph) production rate of 3,504,000 tons per year indicate that facility wide potential emissions of carbon monoxide, nitrogen oxides, VOC, and HAPs would exceed the major



source thresholds. The maximum rate could never be achieved because of inherent limitations such as truck loading and placement, weather, and stone production.

Therefore, the facility will limit production of asphalt from the batch plant to 450,000 tons per year during any rolling 12 month period in order for actual emissions from all emission sources including fugitives to remain less than the major source thresholds. This permit contains facility-wide federally enforceable emission limits to establish minor source status for 6NYCRR, Part 231-2-Non-Attainment New Source Review; 6NYCRR, Part 212-3 Reasonably Available Control Technology for VOC and NOx; and 6NYCRR, Part 201-6, Title V Permits.

The facility has installed a 20,000 gallon waste oil tank and associated natural gas heater. The tank and heater are enclosed in secondary containment. The waste oil to be used is subject to the limitations of Parts 225-1 and 225-2. The permittee has a waste oil purchase contract with NOCO. The waste oil characteristics submitted by NOCO Energy identify the oil as waste fuel A. Waste fuel A must meet the limitations of 225-2.4(b) Table 2-1 and contain between 25- 250 ppm Lead; less than 50 ppm PCB; a maximum 1,000 ppm Total Halogens; and a minimum Gross Heat Content of 125,000 BTU/gal. The sulfur content is limited by 225-1 to 1.5% by weight. In addition, Part 225-2.3(b)(3) requires that the combustion efficiency be demonstrated to be a minimum of 99 percent while burning waste fuel A. A combustion efficiency test is to be conducted prior to using waste fuel and the results submitted to this Department.

The waste oil will also be subject to the sulfur-in-fuel limitations of Part 225-1 which limit the sulfur content of oil combusted to 1.50 percent sulfur by weight.

NOx Control Requirements of 6NYCRR Part 212-4 require annual tune-ups on the dryer burner and a plan to reduce moisture content of the aggregate stock piles. An economic feasibility analysis for the installation of low NOx burners must be submitted by 2020.

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: DAVID S DENK
 DIVISION OF ENVIRONMENTAL PERMITS
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2915

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 renewal application at least 180 days before expiration of permits for both 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 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: 9-2930-00015/02001

Facility DEC ID: 9293000015



Permit Under the Environmental Conservation Law (ECL)

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

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75 PINEVIEW DR STE 100
BUFFALO, NY 14228

Facility: REDLAND QUARRIES NY INC - NIAGARA FALLS QUARRY
8875 QUARRY RD
NIAGARA FALLS, NY 14304

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

Permit Effective Date: 11/24/2015

Permit Expiration Date: 11/23/2025



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-7.1: Facility Permissible Emissions
- *2 6 NYCRR 201-7.1: Capping Monitoring Condition
- *3 6 NYCRR 201-7.1: Capping Monitoring Condition
- 4 6 NYCRR 211.1: Air pollution prohibited
- 5 6 NYCRR 225-1.2 (i): Compliance Demonstration

Emission Unit Level

- 6 6 NYCRR 201-7.1: Emission Unit Permissible Emissions

EU=0-FUGIT

- 7 6 NYCRR Part 211: Compliance Demonstration

EU=1-BATCH,Proc=B01

- 8 6 NYCRR 212-4.1 (a) (1): Compliance Demonstration
- 9 6 NYCRR 212-4.1 (a) (2): Compliance Demonstration
- 10 6 NYCRR 212-4.1 (b): Compliance Demonstration
- 11 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration
- 12 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration

EU=1-BATCH,Proc=W02

- 13 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 14 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 15 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 16 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 17 6 NYCRR 225-2.4 (b): Compliance Demonstration

EU=1-BATCH,EP=00004

- 18 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration

EU=1-CRUSH

- 19 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration
- 20 40CFR 60.675, NSPS Subpart OOO: Compliance Demonstration
- 21 40CFR 60.676(b)(1), NSPS Subpart OOO: Compliance Demonstration

EU=1-CRUSH,Proc=S02

- 22 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration

EU=1-CRUSH,Proc=S03

- 23 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 24 ECL 19-0301: Contaminant List
- 25 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 26 6 NYCRR Subpart 201-5: Emission Unit Definition
- 27 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits



- 28 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 29 6 NYCRR 211.2: Visible Emissions Limited
Emission Unit Level
- 30 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 31 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 11/24/2015 and 11/23/2025

Applicable Federal Requirement:6 NYCRR 201-7.1

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: 198,000 pounds per year

Name: CARBON MONOXIDE

Condition 2: Capping Monitoring Condition

Effective between the dates of 11/24/2015 and 11/23/2025

Applicable Federal Requirement:6 NYCRR 201-7.1

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 Subpart 201-6

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 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.

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Regulated Contaminant(s):

CAS No: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 0NY998-00-0	VOC
CAS No: 000630-08-0	CARBON MONOXIDE

Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Production of hot mix asphalt (HMA) will be limited to 450,000 tons for the batch hot mix asphalt plant during any rolling 12-month period in order to limit facility-wide actual emissions of carbon monoxide to less than the major source threshold of 100 tons. By accepting these limits, the facility will not be subject to the major source permitting requirements for Title V (6NYCRR, Part 201-6). Volatile organic compounds and nitrogen oxides will also remain below the major source thresholds of 50 tons and 100 tons per year respectively and will not be subject to the Reasonably Available Control Technology Requirements (RACT) of 6NYCRR, Part 212-3.

Parameter Monitored: ASPHALT

Upper Permit Limit: 450000 tons

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Capping Monitoring Condition
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable Federal Requirement:6 NYCRR 201-7.1

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 the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

6 NYCRR 212.10

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: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 0NY998-00-0	VOC
CAS No: 000630-08-0	CARBON MONOXIDE

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Production of hot mix asphalt (HMA) will be limited to 450,000 tons for the batch hot mix asphalt plant during any rolling 12-month period in order to limit facility-wide actual emissions of carbon monoxide to less than the major source threshold of 100 tons. By accepting these limits, the facility will not be subject to the major source permitting requirements for Title V (6NYCRR, Part 201-6).

Monthly records will be kept which demonstrate that the production of blacktop has not exceeded the production limit during any consecutive 12 month period. By limiting production, potential emissions of sulfur dioxide, particulates, nitrogen oxides, volatile organic compounds and hazardous air pollutants will also remain below their respective major source thresholds.

In addition, emissions shall also be calculated from the usage of natural gas and waste oil in the hot oil heaters

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for asphalt storage (using current AP-42 emission factors) and included in the monthly rolling totals.

Volatile organic compounds and nitrogen oxides which remain below the major source thresholds of 50 tons and 100 tons per year respectively will not be subject to the Reasonably Available Control Technology Requirements (RACT) of 6NYCRR, Part 212-3.

Records are to be kept on-site for a period of 5 years and made available to Department representatives on request. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 198000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 4: Air pollution prohibited
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable Federal Requirement:6 NYCRR 211.1

Item 4.1:

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 5: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

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Item 5.2:

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

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

**Condition 6: Emission Unit Permissible Emissions
Effective between the dates of 11/24/2015 and 11/23/2025**

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 6.1:

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: 1-BATCH

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 7.7 pounds per hour

16,200 pounds per year



Condition 7: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable Federal Requirement:6 NYCRR Part 211

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-FUGIT

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall employ techniques to reduce fugitive emissions from paved and unpaved roadways and material transfer, raw and finished material storage and handling as described in the facility fugitive dust control plan submitted in support of this permit. The failure to implement the control strategies described in the plan and below will be considered a violation of 6NYCRR, Part 211 which prohibits air pollution.

Roadways:

Daily, the permittee shall inspect roadways and initiate corrective action to comply with the facility dust control program when required as follows:

The permittee shall employ reasonably available control measures to reduce fugitive emissions from all paved and unpaved roadways and parking areas by sweeping, the application of water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. The implementation of control measures shall be determined by weather conditions and the severity of dry and/or windy conditions.

The permittee shall promptly remove, in such a manner as to minimize or prevent re-suspension, material from paved areas which has been deposited by trucking or earth moving equipment or erosion by water or other means.

Daily, The permittee shall inspect the plant entrance roads and public access roads and if dust, mud, stone or other debris tracked from vehicles is observed, the area of concern will be swept.

Raw and finished material unloading stations:

The permittee shall employ reasonably available control measures to reduce fugitive emissions from material



loading and unloading stations, material conveyors, handling operations, and material transfer points.

Loading or unloading of raw and finished material trucks, baghouse fines, etc., shall be conducted in a manner to prevent re-entrainment of air pollutants.

For each material loading/unloading station, conveyor, handling operation, and material transfer point, the drop heights for unloading shall be minimized and loading/unloading shall occur at a rate to minimize fugitive emissions. If fugitive emissions are observed during normal operation, the application of water and/or wet suppressants at sufficient treatment frequencies will be required.

Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times.

Storage Piles:

The permittee shall employ good operating practices to minimize wind erosion from storage piles. Implementation of the control measures shall not be necessary for storage piles and roadways if sufficient precipitation has occurred that for that day to minimize fugitive dust.

The permittee must at all times operate according to the fugitive dust control plan submitted in support of this permit that describes in detail the measures that will be put in place to control fugitive dust emissions from the individual fugitive dust emissions units at the facility.

Affected areas described within this condition, shall be inspected daily and records shall be maintained of the dates of inspection and whether or not it was determined necessary to implement control measures and a description of the corrective action taken.

During periods of severe dry and/or windy conditions, observations shall be conducted on a more frequent basis.

Monitoring Frequency: DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.



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

Condition 8: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH
Process: B01

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 8.2:

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 performed on the dryer burner on an annual basis at any hot mix asphalt production plant that is in operation during that calendar year. Records shall be kept of the date of the most recent tune-up and made available to Department representatives on request.

Monitoring Frequency: ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH
Process: B01

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A plan must be submitted to this Department within 30 days of the permit issuance that details the introduction



or continuation of methods to reduce the moisture content of the aggregate stockpile(s).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 10: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH
Process: B01

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The owner or operator of a hot mix asphalt plant must provide the Department with an economic feasibility analysis of installing a low NOx burner when it comes time for the current burner to be replaced. The economic analysis must follow an approach acceptable to the Department. A similar analysis must be submitted for subsequent burner replacements.

(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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025



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

Item 11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH
Process: B01

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

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

At all times, the permittee shall maintain the fabric collector control device for the batch hot mix asphalt plant in a manner consistent with good air pollution control practice for minimizing emissions and demonstrating continued compliance with the particulate emissions limit of 0.04 gr/dscf. The permittee has submitted a baghouse Inspection and Maintenance (I & M) plan as follows:

1. On a daily basis, the permittee will monitor the condition and performance of critical plant elements that have the potential to affect particulate emissions on an on-going basis during material production and operation.
2. On a monthly basis, a visual inspection of the baghouse will be conducted and the condition of each bag documented. Faulty bags will be promptly serviced. The visual inspection will also be conducted at the conclusion of the production season to address winter maintenance elements as necessary.
3. A black light test will be conducted on a semi-annual basis. The test will be conducted prior to seasonal production and halfway into the production period. An additional test may be necessary if the results of monthly visual baghouse inspections indicate the need to evaluate fabric collector performance. Corrective action to address faulty bags and/or loose collars will be promptly implemented.

As part of the facility maintenance plan, the permittee must develop and implement corrective action procedures to be followed in the case of the observation of visible emissions from the baghouse, or the indication through the periodic baghouse system inspections that the system is



not operating properly. The permittee must initiate corrective action as soon as practicable after the occurrence of the observation or event indicating a problem.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions in excess of the particulate limit are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected. The permittee will confirm that during source operation all pertinent parameters are within ranges that ensure compliance with the particulate emission rate.

Records of these verifications, investigations and corrective actions will be kept on-site for a period of 5 years and made available to Department representatives on request. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 12: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH

Process: B01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 12.2:

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Permit ID: 9-2930-00015/02001

Facility DEC ID: 9293000015



Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The particulate emission limit for the hot mix asphalt (HMA) facilities constructed or modified after June 11, 1973 is 0.04 gr/dscf. The batch hot mix asphalt facility identified as Plant 4 was put into operation in March 1976 and was modified by the replacement of the primary cyclone with a knock-out box. A Method 5 performance test shall be conducted within the first year after permit issuance and after resuming operations from the seasonal shut-down to determine compliance as a result of these modifications to the particulate control system.

A stack test protocol shall be submitted at least 30 days prior to testing along with notification of the test date. The final report of the test results shall be submitted to this Department within 60 days of the completion of the test.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 13: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH

Process: W02

Item 13.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A combustion efficiency test is required by 6NYCRR, Part 225-2.3(b) in order to demonstrate that the asphalt dryer burner is capable of achieving a minimum of 99% combustion efficiency when using Waste Fuel A. A combustion

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efficiency test will be required prior to resuming use of waste fuel and the results submitted to this Department. Additional testing may be required at any time the Department has reasonable concerns that 99 percent efficiency is not continuous.

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 14: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 14.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH

Process: W02

Regulated Contaminant(s):

CAS No: 001336-36-3 POLYCHLORINATED BIPHENYL

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The concentration of polychlorinated biphenyls (PCBs) shall not to exceed 50 parts per million (ppm) by weight excluding water.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 50 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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



Condition 15: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 15.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH
Process: W02

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The concentration of total halogens in the waste oil shall not exceed 1,000 parts per million.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 1000 parts per million 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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 16: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH
Process: W02

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The minimum fuel heat content of the waste oil shall be at least 125,000 BTU/gallon on fuel.

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Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: HEAT CONTENT

Lower Permit Limit: 125000 British thermal units per
gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL
CHANGE

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 17: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH

Process: W02

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The total concentration of lead in the waste fuel shall
not exceed 250 parts per million.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 250 parts per million 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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 18: Compliance Demonstration



Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BATCH

Emission Point: 00004

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The batch hot mix asphalt facility is subject to the New Source Performance Standards Subpart I and shall not discharge gases into the atmosphere having an average opacity during any six consecutive minutes of 20 percent or greater.

Compliance shall be demonstrated in accordance with EPA Reference Method 9 as detailed in Appendix A of 40 CFR Part 60. A Method 9 test shall be performed each year within 30 days after the initial seasonal start-up and the results submitted to the Region 9 Division of Air Resources.

The permittee shall perform daily checks, when the emissions unit is in operation for any visible particulate emissions from the baghouse or from any point on the HMA process. As part of the facility-wide maintenance plan, the permittee must develop and implement corrective action procedures to be followed in the case of the observation of visible emissions from the baghouse, or the indication through the periodic baghouse system inspections that the system is not operating properly. The permittee must initiate corrective action as soon as practicable after the occurrence of the observation or event indicating a problem.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 19: Compliance Demonstration

Effective between the dates of 11/24/2015 and 11/23/2025



Applicable Federal Requirement:40CFR 60.674(b), NSPS Subpart OOO

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-CRUSH

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

Item 19.2:

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 expediently 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: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 20: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable Federal Requirement:40CFR 60.675, NSPS Subpart OOO

Item 20.1:

The Compliance Demonstration activity will be performed for:



Emission Unit: 1-CRUSH

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The permittee shall conduct Method 9 observations for the portable crusher and affected conveyor and transfer points within 30 days after resuming operations from the seasonal shut-down. Compliance with the applicable fugitive emissions limit must be based on the average of the five 6-minute averages recorded during the 30 minute Method 9 evaluation. The opacity limit for crushers is 12 percent and 7 percent for aggregate transfer and conveyor options. A final report of the results shall be submitted to this Department within 60 days of seasonal start-up.

Parameter Monitored: OPACITY

Upper Permit Limit: 12 percent

Reference Test Method: Method 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 21: Compliance Demonstration

Effective between the dates of 11/24/2015 and 11/23/2025

Applicable Federal Requirement:40CFR 60.676(b)(1), NSPS Subpart

OOO

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-CRUSH

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall keep records of periodic inspections performed on water sprays (monthly checks that water is flowing) controlling affected facilities that commence construction, modification, or reconstruction on or after April 22, 2008. Each periodic inspection must be recorded in a logbook which may be maintained in written or electronic format. The logbook entries are to include inspection dates and any corrective actions taken. The logbook must be kept onsite and either a hard copy or electronic copy (whichever is requested) made available to the EPA or the NYSDEC upon request.

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Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 22: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-CRUSH

Process: S02

Item 22.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of an affected facility which began construction or modification after April 22, 2008 shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility (as defined in 40 CFR 60.670(a)(1)) any fugitive emissions which exhibit greater than 7 percent opacity, except as provided in 40 CFR 60.672(c), (d), and (e).

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: EPA RM 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025

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

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-CRUSH

Process: S03

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

On and after the sixtieth day 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 40 CFR Part 60.11, no owner or operator shall cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 12 percent opacity.

The owner/operator must demonstrate compliance with this limit by conducting an initial performance test according to §60.11 and 60.675.

If the facility does not use water sprays to control fugitive emissions, then a repeat performance test must be conducted according to §60.11 and 60.675 with five years from the previous performance test.

Parameter Monitored: OPACITY

Upper Permit Limit: 12 percent

Reference Test Method: Method 9

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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: 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 24: Contaminant List
Effective between the dates of 11/24/2015 and 11/23/2025



Applicable State Requirement:ECL 19-0301

Item 24.1:

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: 001336-36-3
Name: POLYCHLORINATED BIPHENYL

CAS No: 007439-92-1
Name: LEAD

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

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

CAS No: 0NY998-00-0
Name: VOC

**Condition 25: Malfunctions and start-up/shutdown activities
Effective between the dates of 11/24/2015 and 11/23/2025**

Applicable State Requirement:6 NYCRR 201-1.4

Item 25.1:

(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 26: Emission Unit Definition
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 26.1:

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

Emission Unit: 0-FUGIT

Emission Unit Description:

Fugitive emissions are generated from haul roads, plant entrance roads, conveyor and transfer points for material loading and unloading and aggregate storage piles.

Building(s): FUGITIVE

Item 26.2:

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

Emission Unit: 1-BATCH

Emission Unit Description:

This emission unit describes an existing 7.5 ton (450 ton per hour) batch asphalt (HMA) plant identified as Plant 4 (emission point 00004) and consisting of cold feed bins, feeders, conveyors, rotary drum dryer, bucket elevator, vibrating screen, storage bins, weigh bucket and pugmill. The HMA can be either dropped into waiting trucks or conveyed into one of three 200 ton heated storage silos. There is a direct contact natural gas-fired burner for drying and heating the aggregate in the rotary dryer and a natural gas-fired heater for the asphalt cement. There are two associated 30,000 gallon asphalt oil tanks. Particulate emissions are first directed to a knock-out box prior to the fabric filter collector.

Building(s): PLANT 4

Item 26.3:



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

Emission Unit: 1-CRUSH

Emission Unit Description:

This emission unit describes the crushing of limestone in a Lippman 3062 primary impact jaw crusher rated at 700 tons per hour, a secondary 300 tons per hour Lippman 5165 impactor, and another secondary 350 tons per hour Sandvic CH600 impact crusher. Material is further screened, sized, conveyed and stockpiled. This crushing plant was placed in operation in March/April 2011 and is subject to the New Source Performance Standards for Non-metallic Mineral Processing Plants-40 CFR Part 60.670 Subpart OOO. There are 30 transfer points, two screens and 17 conveyors crushing operation subject to the opacity requirements of this Subpart.

Building(s): CRUSH

**Condition 27: Renewal deadlines for state facility permits
Effective between the dates of 11/24/2015 and 11/23/2025**

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

Item 27.1:

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 28: Compliance Demonstration
Effective between the dates of 11/24/2015 and 11/23/2025**

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

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:

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

New York State Department of Environmental Conservation

Permit ID: 9-2930-00015/02001

Facility DEC ID: 9293000015



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 29: Visible Emissions Limited
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable State Requirement:6 NYCRR 211.2

Item 29.1:

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 30: Emission Point Definition By Emission Unit
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 30.1:

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

Emission Unit: 1-BATCH

Emission Point: 00004

Height (ft.): 64

Length (in.): 54

Width (in.): 36

NYTMN (km.): 4782.552

NYTME (km.): 177.84

Building: PLANT 4

Condition 31: Process Definition By Emission Unit
Effective between the dates of 11/24/2015 and 11/23/2025

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 31.1:

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

Emission Unit: 0-FUGIT

Process: 001

Process Description:

Fugitive dust from haul roads, conveyors and transfer points, and raw and finished material piles.

Emission Source/Control: 00FUG - Process



Item 31.2:

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

Emission Unit: 1-BATCH
Process: B01 Source Classification Code: 3-05-002-51
Process Description:

Processing of bituminous concrete through a batch asphalt plant. Raw stone aggregate is hauled from the storage piles and placed into a cold feed hopper. The material is metered from the hopper onto a conveyor belt and transported into a natural gas/waste oil fired rotary dryer. As the hot aggregate leaves the dryer, it is discharged into a bucket elevator and sized into hoppers. A knock-out box prior to the baghouse drops out the larger particulate material.

Emission Source/Control: 0004E - Control
Control Type: CENTRIFUGAL

Emission Source/Control: 004AA - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0004A - Process

Item 31.3:

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

Emission Unit: 1-BATCH
Process: B02 Source Classification Code: 3-05-002-06
Process Description:

Two 30,000 gallon, waste oil/natural gas-fired heated storage tanks for liquid asphalt cement. For the batch mix, the aggregate is weighed into a hopper and the hot liquid asphalt cement is pumped from heated storage and weighed. Both are then mixed together in a pug mill and dropped into a truck or conveyed to one of three 200 ton heated storage silos.

Emission Source/Control: 0004B - Process

Emission Source/Control: 0004C - Process

Emission Source/Control: 0004D - Process

Emission Source/Control: HEATR - Process

Emission Source/Control: WOTNK - Process

Item 31.4:

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



Emission Unit: 1-BATCH
Process: W02 Source Classification Code: 3-05-002-10
Process Description:
Process represents the use of waste oil as an alternate fuel source.

Emission Source/Control: HEATR - Process

Emission Source/Control: WOTNK - Process

Item 31.5:

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

Emission Unit: 1-CRUSH
Process: S02 Source Classification Code: 3-05-020-02
Process Description:
Screening and conveying process consists of a feeder, two screens, seventeen conveyor belts, and three stackers. The screens are 6x20 double deck and 7x20 triple deck.

Emission Source/Control: SCRNI - Process
Design Capacity: 700 tons per hour

Emission Source/Control: SCRNI - Process
Design Capacity: 350 tons per hour

Emission Source/Control: TRA10 - Process
Design Capacity: 475 tons per hour

Emission Source/Control: TRA11 - Process
Design Capacity: 475 tons per hour

Emission Source/Control: TRA12 - Process
Design Capacity: 475 tons per hour

Emission Source/Control: TRA13 - Process
Design Capacity: 475 tons per hour

Emission Source/Control: TRA14 - Process
Design Capacity: 475 tons per hour

Emission Source/Control: TRA15 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: TRA16 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: TRA17 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: TRA18 - Process
Design Capacity: 250 tons per hour



Emission Source/Control: TRA19 - Process
Design Capacity: 250 tons per hour

Emission Source/Control: TRA20 - Process
Design Capacity: 250 tons per hour

Emission Source/Control: TRA21 - Process
Design Capacity: 350 tons per hour

Emission Source/Control: TRA22 - Process
Design Capacity: 350 tons per hour

Emission Source/Control: TRA23 - Process
Design Capacity: 350 tons per hour

Emission Source/Control: TRA24 - Process
Design Capacity: 75 tons per hour

Emission Source/Control: TRA25 - Process
Design Capacity: 75 tons per hour

Emission Source/Control: TRA26 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA27 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA28 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA29 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA30 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA31 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA32 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA33 - Process
Design Capacity: 475 tons per hour

Emission Source/Control: TRA34 - Process
Design Capacity: 100 tons per hour

Emission Source/Control: TRA35 - Process
Design Capacity: 100 tons per hour



Emission Source/Control: TRAN6 - Process

Emission Source/Control: TRAN7 - Process

Emission Source/Control: TRAN8 - Process

Emission Source/Control: TRAN9 - Process

Item 31.6:

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

Emission Unit: 1-CRUSH

Process: S03

Source Classification Code: 3-05-020-01

Process Description:

Primary crushing and recrushing of oversize limestone.

Emission Source/Control: C0003 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: C0004 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: C0005 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: FEED1 - Process

Design Capacity: 700 tons per hour

Emission Source/Control: PRIME - Process

Design Capacity: 700 tons per hour

Emission Source/Control: SEC01 - Process

Design Capacity: 300 tons per hour

Emission Source/Control: SECO2 - Process

Design Capacity: 350 tons per hour

