



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-4846-00007/00017
Effective Date: 07/11/2016 Expiration Date: 07/10/2026

Permit Issued To: CALLANAN INDUSTRIES INC
1245 Kings Rd
Schenectady, NY 12303

Contact: PETER E ZEH
CALLANAN INDUSTRIES INC
1245 KINGS RD
SCHENECTADY, NY 12303
(518) 374-2222

Facility: BRIDGEVILLE QUARRY
158 SULLIVAN RD
BRIDGEVILLE, NY 12701

Contact: PETER E ZEH
CALLANAN INDUSTRIES INC
1245 KINGS RD
SCHENECTADY, NY 12303
(518) 374-2222

Description:

The Bridgeville Quarry, located in Sullivan County, is an existing facility that operates a 500 and 175 ton per hour nonmetallic mineral processing plants, a 240 and 150 ton per hour batch hot mix asphalt plant, and three diesel fired electric generators. This renewal permit is for the authorization to replace the existing 150 ton per hour batch hot mix asphalt plant with a 400 ton per hour drum hot mix asphalt plant. Each hot mix asphalt plant are capable of firing natural gas, propane, No. 4 oil, No. 2 oil and waste fuel A. The facility also operates a ready mix concrete batch plant that is exempt from air permitting.

The combined emissions from all sources at the facility are limited to 95.0 tons per year each of carbon monoxide (CO) and Oxides of Nitrogen (NO_x). These limits will keep the facility below major source thresholds, and thus the facility will not be subject to the requirements of Title V and 6NYCRR Part 227 NO_x Reasonably Available Control Technology. The facility must document asphalt production and diesel generator run time on a monthly basis. This is required to demonstrate compliance with the facility wide emission limits.

Permit requirements are based on regulations that include 40 CFR 60 Subpart OOO, 40 CFR 60 Subpart I, and 6NYCRR Parts 200, 201, 211, 212, 225, and 227.

The Standard Industrial Classification representative of this facility is 2951 - Paving Mixtures and Blocks as well as 1429 - Crushed and Broken Stone.



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: GEORGE A SWEIKERT
 NYSDEC - REGION 3
 21 S PUTT CORNERS RD
 NEW PALTZ, NY 12561-1696

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 3 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 3 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 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

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Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: CALLANAN INDUSTRIES INC
1245 Kings Rd
Schenectady, NY 12303

Facility: BRIDGEVILLE QUARRY
158 SULLIVAN RD
BRIDGEVILLE, NY 12701

Authorized Activity By Standard Industrial Classification Code:
2951 - PAVING MIXTURES AND BLOCKS
3273 - READY-MIXED CONCRETE
1422 - CRUSHED AND BROKEN LIMESTONE
1429 - CRUSHED AND BROKEN STONE NEC

Permit Effective Date: 07/11/2016

Permit Expiration Date: 07/10/2026



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.7: Maintenance of Equipment
- 2 6 NYCRR 200.7: Compliance Demonstration
- 3 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 6 6 NYCRR 211.1: Air pollution prohibited
- 7 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 8 6 NYCRR 212-2.5 (b): Compliance Demonstration
- 9 6 NYCRR 212-2.5 (b): Compliance Demonstration
- 10 6 NYCRR 212-4.1 (a) (1): Compliance Demonstration
- 11 6 NYCRR 212-4.1 (a) (2): Compliance Demonstration
- 12 6 NYCRR 212-4.1 (b): Compliance Demonstration
- 13 6 NYCRR 225-1.2: Compliance Demonstration
- 14 6 NYCRR 225-1.2: Compliance Demonstration
- 15 6 NYCRR 225-1.6 (a): Compliance Demonstration
- 16 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 17 6 NYCRR 225-2.4 (a) (2): Compliance Demonstration
- 18 6 NYCRR 227-1.3: Compliance Demonstration
- 19 40CFR 60.92(a), NSPS Subpart I: Compliance Demonstration
- 20 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 21 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 22 40CFR 60.676, NSPS Subpart OOO: Compliance Demonstration
- 23 40CFR 63, Subpart ZZZZ: Compliance and Enforcement

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
- 30 6 NYCRR 212-2.3 (b): Compliance Demonstration

Emission Unit Level

- 31 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 32 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: Maintenance of Equipment
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 200.7

Item 1.1:

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.

Condition 2: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 200.7

Item 2.1:

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

Emission Unit: U-BCH02

Emission Unit: U-DRUM1

Item 2.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility shall maintain and operate a magnehelic gauge (or equivalent) to measure pressure differential of the batch and drum hot mix sphalt baghouses. The operator shall ensure that the pressure differential remains

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



between 0.5 and 10 inches of water. Maintenance and or replacement of filter media shall be conducted in accordance with good engineering practice and manufacturer specifications.

The facility shall monitor operations by recording pressure differential readings weekly. Records shall be maintained by the facility for five years and made available to the Department upon request.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 0.5 inches of water

Upper Permit Limit: 10 inches of water

Monitoring Frequency: WEEKLY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Facility Permissible Emissions
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3.1:

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: 190,000 pounds per year

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0 PTE: 190,000 pounds per year

Name: OXIDES OF NITROGEN

Condition 4: Capping Monitoring Condition
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 4.1:

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 4.2:

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



Item 4.3:

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 4.4:

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 4.5:

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 4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall comply with the following:

1. Annual emissions of NO_x shall not exceed 190000 pounds per year rolled monthly.

2. The following emission factors will be used in calculating emissions:

a) For the HMA batch plant firing oil:

NO_x: 0.12 pounds per ton of HMA produced

b) For the HMA batch plant firing natural gas/propane:

NO_x: 0.025 pounds per ton of HMA produced

c) For the HMA drum plant firing oil:



NOx: 0.055 pounds per ton of HMA produced

d) For the HMA drum plant firing natural gas/propane:

NOx: 0.026 pounds per ton of HMA produced

e) For the diesel generators (Gen 1=1141 hp, Gen 2=1348 hp, Gen 3=935 hp):

NOx: 0.024 pounds per horsepower hour of generator run time

Compliance shall be demonstrated utilizing the mathematical relationship listed below:

[Generator 1 hours x 27.4 lb NOx per hour + Generator 2 hours x 32.4 lb NOx per hour + Generator 3 hours x 22.5 lb NOx per hour] + [tons of batch hot mix asphalt (firing oil) x 0.12 lb NOx per ton of hot mix + tons of batch hot mix asphalt (firing gas/propane) x 0.025 lb NOx per ton of hot mix + tons of drum hot mix asphalt (firing oil) x 0.055 lb NOx per ton of hot mix + tons of drum hot mix asphalt (firing gas/propane) x 0.026 lb NOx per ton of hot mix] < 190000 pounds NOx annual maximum rolled monthly

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL CONSUMPTION

Upper Permit Limit: 190000 pounds 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 1/30/2017.

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

Condition 5: Capping Monitoring Condition
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 5.1:

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 5.2:

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

Item 5.3:

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 5.4:

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 5.5:

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 5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall comply with the following:

1. Annual emissions of CO shall not exceed 190000 pounds per year rolled monthly.

2. The following emission factors will be used in calculating emissions:

a) For the HMA batch plant when firing oil and natural gas/propane:

CO: 0.4 pounds per ton of hot mix asphalt produced

b) For the HMA drum plant when firing oil and natural

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



gas/propane:

CO: 0.13 pounds per ton of hot mix asphalt produced

c) For the diesel generators (Gen 1 - 1141 hp, Gen 2 - 1348 hp, Gen 3 - 935 hp):

CO: 0.0055 pounds per per horsepower hour of generator run time

d) Compliance shall be demonstrated utilizing the mathematical relationship as follows:

[Generator 1 hours x 6.3 lb CO per hour + Generator 2 hours x 7.4 lb CO per hour + Generator 3 hours x 5.2 lb CO per hour] + [tons of hot mix asphalt from the batch plant x 0.4 lb CO per ton of hot mix + tons of hot mix asphalt from the drum plant x 0.13 lb CO per ton of hot mix] < 190000 pounds CO annual maximum rolled monthly

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL CONSUMPTION

Upper Permit Limit: 190000 pounds 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 1/30/2017.

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

Condition 6: Air pollution prohibited
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 211.1

Item 6.1:

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 7: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026



New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007

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

Item 7.1:

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

Emission Unit: U-BCH02 Emission Point: EP002

Emission Unit: U-DRUM1 Emission Point: EP003

Item 7.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions from these units are prohibited from exhibiting
greater than 20 percent opacity during any six consecutive
minutes.

The Department reserves the right to perform or require
the facility perform a Method 9 evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 8: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026**

Applicable Federal Requirement:6 NYCRR 212-2.5 (b)

Item 8.1:

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

Emission Unit: U-BCH02 Emission Point: EP002

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

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



This condition applies to the existing 240 tph batch HMA plant.

Bridgeville Quarry shall not discharge or cause the discharge into the atmosphere any gases which contain particulate matter in excess of 0.030 gr/dscf.

The Department reserves the right to request the facility conduct future performance testing to verify compliance.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.030 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement: 6 NYCRR 212-2.5 (b)

Item 9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-DRUM1

Emission Point: EP003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to the new 400 tph drum HMA plant.

Bridgeville Quarry shall not discharge or cause the discharge into the atmosphere emissions which contain

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



particulate matter in excess of 0.030 gr/dscf.

Within 180 days of startup, Bridgeville Quarry shall conduct performance testing to demonstrate compliance with the limit.

A protocol shall be submitted to the Department 60 days prior to conducting the performance test. Within 60 days after completing the performance test, a report documenting results shall be submitted to the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.030 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 10: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

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

Item 10.1:

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

Emission Unit: U-BCH02

Emission Unit: U-DRUM1

Item 10.2:

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 11: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026



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

Item 11.1:

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

Emission Unit: U-BCH02

Emission Unit: U-DRUM1

Item 11.2:

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 12: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

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

Item 12.1:

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

Emission Unit: U-BCH02

Item 12.2:

Compliance Demonstration shall include the following monitoring:

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.

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



(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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 13: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 225-1.2

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 13.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires distillate oil including number two heating oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016.

The Bridgeville Quarry shall maintain records on site. These records shall be made available for review by the Department upon request.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 225-1.2

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



DEVICE PARAMETERS AS SURROGATE

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.

The Bridgeville Quarry shall maintain records on site. These records shall be made available for review by the Department upon request.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.75 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 15: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 225-1.6 (a)

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall maintain fuel analysis documentation, information on the quantity of fuel received and fired, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart.

Information shall be provided to the Department upon request.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 16: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Waste fuel A may be burned as fuel in the aggregate dryers associated with the drum and batch HMA plants subject to the following provisions:

To ensure that the waste oil burned meets the definition of Waste Fuel A, as set forth in 6NYCRR 225-2.2(b)(9), Bridgeville Quarry shall maintain a record of the analysis performed which shall include the following parameters and meet the specified limits listed below.

- Total Halogens content is less than or equal to 1,000 ppm;
- PCB content is less than 50 ppm;
- Lead content is less than or equal to 250 ppm;
- Sulfur content is less than or equal to 0.75% by weight;
- Heat Content is greater than or equal to 125,000 Btu/gallon.

Bridgeville Quarry shall maintain analytical records on site. These records shall be made available for review by the Department upon request.

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 18.1:

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

- Emission Unit: U-AG001 Emission Point: 400G1
- Emission Unit: U-AG001 Emission Point: 400G3
- Emission Unit: U-AG002 Emission Point: EP004

Item 18.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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

Monitoring Description:

Each electrical generating unit is prohibited from exhibiting greater than 20 percent opacity (six minute average), except for one six minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the facility to perform Method 9 evaluation.

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

Condition 19: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

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

Item 19.1:

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

Emission Unit: U-BCH02	Emission Point: EP002
Emission Unit: U-DRUM1	Emission Point: EP003

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition applies to the new 400 tph drum HMA plant and existing 240 tph batch HMA plant.

Bridgeville Quarry shall not discharge or cause the discharge into the atmosphere any gases which;

1. Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf).
2. Exhibit 20 percent opacity or greater.

Both of these limits are addressed and defined by separate permit conditions under 6NYCRR 212-2.5(b). No further



reporting or monitoring is required under this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 20: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

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

Item 20.1:

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

Emission Unit: U-AG001 Process: CV1	Emission Source: CONVE
Emission Unit: U-AG001 Process: CV1	Emission Source: SCREE
Emission Unit: U-AG002 Process: CV2	Emission Source: CNV31
Emission Unit: U-AG002 Process: CV2	Emission Source: SCR30

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Non metallic mineral processing transfer points are limited to less than 10 percent opacity standards. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

A Method 9 opacity evaluation shall follow the procedures outlined in 40 CFR 60-000.675(c). When determining compliance with the fugitive emissions standard for any affected facility described under §60.672(b) of this subpart, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

- (i) There are no individual readings greater than 10

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



percent opacity; and

(ii) There are no more than 3 readings of 10 percent for the 1-hour period.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: 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 07/11/2016 and 07/10/2026

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: U-AG001

Process: CV1

Emission Source: CRUSH

Emission Unit: U-AG002

Process: CV2

Emission Source: CR030

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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 15 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation. Procedures shall be followed as outlined in 40 CFR 60-000.675(c).

When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under §60.672(c) of this subpart, the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:



(i) There are no individual readings greater than 15 percent opacity; and

(ii) There are no more than 3 readings of 15 percent for the 1-hour period.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 percent

Reference Test Method: 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 07/11/2016 and 07/10/2026

Applicable Federal Requirement:40CFR 60.676, NSPS Subpart OOO

Item 22.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-AG001

Emission Unit: U-AG002

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Standards for particulate matter (40 CFR 60-000.672) and Test Methods and Procedures (40 CFR 60-000.675) do not apply for replacement equipment of equal or smaller size.

In the event Bridgeville Quarry replaces equipment of equal or smaller size function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.

In the event Bridgeville Quarry claim the exemption above, the following information shall be submitted to the Department;

1. For a crusher - Rated capacity (tph) of the existing and replacement equipment



2. For a screening operation - Existing and replacement top screen surface area

3. For a conveyor belt - Existing and replacement belt width

§60.676 Reporting and recordkeeping.

(a) Each owner or operator seeking to comply with §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

(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 23: Compliance and Enforcement
Effective between the dates of 07/11/2016 and 07/10/2026

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 23.1:

This Condition applies to:

Emission Unit: UAG001

Process: DIS

Emission Source: GEN01

Emission Unit: UAG001

Process: DIS

Emission Source: GEN03

Emission Unit: UAG002

Process: GEN

Emission Source: GEN02

Item 23.2:

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ. 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.



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 24: Contaminant List
Effective between the dates of 07/11/2016 and 07/10/2026**

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: 0NY075-00-0
Name: PARTICULATES

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

Condition 25: Malfunctions and start-up/shutdown activities



Effective between the dates of 07/11/2016 and 07/10/2026

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 07/11/2016 and 07/10/2026

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: U-AG001

Emission Unit Description:

Stationary nonmetallic mineral dry processing plant

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



consisting of crushers, screens and conveyors lines. The plant, operated at a nominal throughput rate of 500 tons per hour, provides materials needed for on site production of hot mix asphalt and concrete batch mixing (exempt) as well as off site supply to public and private uses. The plant utilizes three diesel fired electric generators (one generator emergency/exempt) which are listed as emission points 400G1 and 400G3.

A water spray system is used to control fugitive dust emissions.

Item 26.2:

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

Emission Unit: U-AG002

Emission Unit Description:

This emission unit is a 175 ton per hour portable aggregate processing plant consisting of a crusher (CRO30), screens (SCR30), and conveyors (CNV31) with associated hoppers, and a generator (GEN02). There is one emission point associated with this unit (EP004).

Emissions from this unit consist of fugitive emissions from the crushers, screens, and conveyors as well as from the generator.

A water spray system is used to control fugitive dust emissions.

Item 26.3:

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

Emission Unit: U-BCH01

End Date: 08/15/2016

Emission Unit Description:

This emission unit consists of a 150 ton per hour Batch Mix Asphalt Plant with one emission point, the baghouse exhaust, (EP001). Emission sources are the drum, (DRM01), the drum heater burner, (DHT01), and the baghouse, (BH0001). The plant will use on line power, and the burner may burn natural gas/ propane, No. 2 oil, No. 4 oil, or waste fuel A.

Item 26.4:

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

Emission Unit: U-BCH02

Emission Unit Description:

This emission unit consists of a 240 ton per hour Batch Mix Asphalt Plant with one emission point, the baghouse exhaust, (EP002). Emission sources are the drum, (DRM02), the drum heater burner, (DHT02), and the baghouse, (BH0002). The plant will use on line power, and the burner may burn natural gas/ propane, No. 2 oil, No. 4 oil, or waste fuel A.

Item 26.5:

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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Emission Unit: U-DRUM1

Emission Unit Description:

This emission unit consists of a 400 ton per hour Drum Hot Mix Asphalt Plant. The Plant is equipped with a low NOx burner, a baghouse and utilizes natural gas/ propane, No. 2 oil, No. 4 oil, or waste oil as fuel.

**Condition 27: Renewal deadlines for state facility permits
Effective between the dates of 07/11/2016 and 07/10/2026**

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 07/11/2016 and 07/10/2026**

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 3
21 South Putt Corners Rd.
New Paltz, NY 12561

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 29: Visible Emissions Limited
Effective between the dates of 07/11/2016 and 07/10/2026**

Applicable State Requirement:6 NYCRR 211.2

Item 29.1:

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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 30: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable State Requirement:6 NYCRR 212-2.3 (b)

Item 30.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An evaluation of air toxic contaminants Benzene and Formaldehyde were conducted as part of the Renewal application. The evaluation focused on the emissions from the new 400 tph Drum HMA plant operating at more than three times projected production rates. The conservatively projected emissions were evaluated using AIRSCREEN model and determined to be below AGC/SGC values. No further monitoring or reporting required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 31: Emission Point Definition By Emission Unit
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 31.1:

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

Emission Unit: U-AG001

Emission Point: 400G1

Height (ft.): 10

Diameter (in.): 8

NYTMN (km.): 4606.878

NYTME (km.): 530.995



Emission Point: 400G3
Height (ft.): 10 Diameter (in.): 10
NYTMN (km.): 4606.878 NYTME (km.): 530.995

Item 31.2:

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

Emission Unit: U-AG002

Emission Point: EP004
Height (ft.): 10 Diameter (in.): 10
NYTMN (km.): 4608.275 NYTME (km.): 531.835

Item 31.3:

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

Emission Unit: U-BCH01

Emission Point: EP001
Height (ft.): 30 Length (in.): 32 Width (in.): 32
NYTMN (km.): 4608.308 NYTME (km.): 532.14

Item 31.4:

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

Emission Unit: U-BCH02

Emission Point: EP002
Height (ft.): 38 Length (in.): 52 Width (in.): 37
NYTMN (km.): 4608.26 NYTME (km.): 532.081

Item 31.5:

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

Emission Unit: U-DRUM1

Emission Point: EP003
Height (ft.): 23 Length (in.): 49 Width (in.): 33
NYTMN (km.): 4608.31 NYTME (km.): 531.92

Condition 32: Process Definition By Emission Unit
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 32.1:

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

Emission Unit: U-AG001
Process: CV1 Source Classification Code: 3-05-020-06
Process Description:

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Mined non metallic mineral processing within a fixed aggregate plant consisting of crushers, screens and conveyors. Processed material used as a component of hot mix asphalt, batch mix concrete as well as other residential and commercial uses. A water spray system used to control particulate emissions.

Emission Source/Control: WSPRY - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CONVE - Process

Emission Source/Control: CRUSH - Process
Design Capacity: 500 tons per hour

Emission Source/Control: SCREE - Process

Item 32.2:

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

Emission Unit: U-AG001
Process: DIS
Process Description:
Diesel fuel used to operate electric generating sources.

Emission Source/Control: GEN01 - Combustion
Design Capacity: 1,141 horsepower (mechanical)

Emission Source/Control: GEN03 - Combustion
Design Capacity: 935 horsepower (mechanical)

Item 32.3:

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

Emission Unit: U-AG002
Process: CV2 Source Classification Code: 3-05-020-06
Process Description:
Mined mineral processing within a portable aggregate plant consisting of crushers, screens and conveyors. Process is the sizing and crushing of gravel at a nominal rate of 175 tons per hour.

Emission Source/Control: WSP20 - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CNV31 - Process

Emission Source/Control: CR030 - Process
Design Capacity: 175 tons per hour

Emission Source/Control: SCR30 - Process

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Item 32.4:

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

Emission Unit: U-AG002
Process: GEN Source Classification Code: 2-02-004-01
Process Description:
Diesel fuel used to operate electric generating sources.

Emission Source/Control: GEN02 - Combustion
Design Capacity: 1,324 horsepower (electric)

Item 32.5:

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

Emission Unit: U-BCH01
Process: B14 Source Classification Code: 3-05-002-01
Process End Date: 8/15/2016
Process Description:
Batch mix asphalt production using No. 4 oil in the Drum
Burner.

Emission Source/Control: DHT01 - Process
Design Capacity: 70 million Btu per hour

Emission Source/Control: DRM01 - Process
Design Capacity: 150 tons per hour

Item 32.6:

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

Emission Unit: U-BCH01
Process: B1A Source Classification Code: 3-05-002-01
Process End Date: 8/15/2016
Process Description:
Batch mix asphalt production using Waste Fuel A in the
Drum Burner.

Emission Source/Control: BH001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DHT01 - Process
Design Capacity: 70 million Btu per hour

Emission Source/Control: DRM01 - Process
Design Capacity: 150 tons per hour

Item 32.7:

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

Emission Unit: U-BCH01
Process: B1G Source Classification Code: 3-05-002-01
Process End Date: 8/15/2016

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Process Description:

Batch mix asphalt production using natural gas in the Drum Burner.

Emission Source/Control: DHT01 - Process

Design Capacity: 70 million Btu per hour

Emission Source/Control: DRM01 - Process

Design Capacity: 150 tons per hour

Item 32.8:

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

Emission Unit: U-BCH01

Process: B10

Source Classification Code: 3-05-002-01

Process End Date: 8/15/2016

Process Description:

Batch mix asphalt production using No. 2 oil in the Drum Burner.

Emission Source/Control: DHT01 - Process

Design Capacity: 70 million Btu per hour

Emission Source/Control: DRM01 - Process

Design Capacity: 150 tons per hour

Item 32.9:

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

Emission Unit: U-BCH01

Process: B1P

Process End Date: 8/15/2016

Process Description:

Batch mix asphalt production using propane in the Drum Burner.

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT01 - Process

Design Capacity: 70 million Btu per hour

Emission Source/Control: DRM01 - Process

Design Capacity: 150 tons per hour

Item 32.10:

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

Emission Unit: U-BCH02

Process: B24

Source Classification Code: 3-05-002-01

Process Description:

Batch mix asphalt production using No. 4 oil in the Drum



Burner.

Emission Source/Control: DHT02 - Process
Design Capacity: 96.8 million Btu per hour

Emission Source/Control: DRM02 - Process
Design Capacity: 240 tons per hour

Item 32.11:

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

Emission Unit: U-BCH02
Process: B2A Source Classification Code: 3-05-002-01
Process Description:
Batch mix asphalt production using waste fuel A in the
drum burner.

Emission Source/Control: BH002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DHT02 - Process
Design Capacity: 96.8 million Btu per hour

Emission Source/Control: DRM02 - Process
Design Capacity: 240 tons per hour

Item 32.12:

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

Emission Unit: U-BCH02
Process: B2G Source Classification Code: 3-05-002-01
Process Description:
Batch mix asphalt production using natural gas in the
Drum Burner.

Emission Source/Control: DHT02 - Process
Design Capacity: 96.8 million Btu per hour

Emission Source/Control: DRM02 - Process
Design Capacity: 240 tons per hour

Item 32.13:

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

Emission Unit: U-BCH02
Process: B2O Source Classification Code: 3-05-002-01
Process Description:
Batch mix asphalt production using No. 2 oil in the drum
burner.

Emission Source/Control: DHT02 - Process
Design Capacity: 96.8 million Btu per hour

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Emission Source/Control: DRM02 - Process
Design Capacity: 240 tons per hour

Item 32.14:

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

Emission Unit: U-BCH02
Process: B2P
Process Description:
Batch mix asphalt production using propane in the Drum
Burner.

Emission Source/Control: BH002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DHT02 - Process
Design Capacity: 96.8 million Btu per hour

Emission Source/Control: DRM02 - Process
Design Capacity: 240 tons per hour

Item 32.15:

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

Emission Unit: U-DRUM1
Process: DR2 Source Classification Code: 3-05-002-01
Process Description: 400 TPH Drum HMA plant firing No. 2 fuel oil.

Emission Source/Control: BH003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process
Design Capacity: 400 tons per hour

Item 32.16:

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

Emission Unit: U-DRUM1
Process: DR4 Source Classification Code: 3-05-002-01
Process Description: 400 TPH Drum HMA plant firing No. 4 fuel.

Emission Source/Control: BH003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Design Capacity: 400 tons per hour

Item 32.17:

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

Emission Unit: U-DRUM1

Process: DRA

Source Classification Code: 3-05-002-01

Process Description: 400 TPH Drum HMA plant firing waste oil.

Emission Source/Control: BH003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process

Design Capacity: 400 tons per hour

Item 32.18:

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

Emission Unit: U-DRUM1

Process: DRG

Source Classification Code: 3-05-002-01

Process Description: 400 TPH Drum HMA plant firing natural gas.

Emission Source/Control: BH003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process

Design Capacity: 400 tons per hour

Item 32.19:

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

Emission Unit: U-DRUM1

Process: DRP

Source Classification Code: 3-05-002-01

Process Description: 400 TPH Drum HMA plant firing propane.

Emission Source/Control: BH003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process

Design Capacity: 400 tons per hour

