



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-4846-00007/00017
Mod 0 Effective Date: 07/11/2016 Expiration Date: 07/10/2026
Mod 1 Effective Date: 03/26/2019 Expiration Date: 07/10/2026

Permit Issued To: CALLANAN INDUSTRIES INC
PO BOX 15097
Albany, NY 12212-5097

Contact: PETER K. MINOTTI
PO BOX 15097
Albany, NY 12212
(518) 374-2222

Facility: BRIDGEVILLE QUARRY
158 SULLIVAN RD
BRIDGEVILLE, NY 12701

Description:

The facility consists of a batch hot mix asphalt plant, a drum hot mix asphalt plant, and 500 and 175 ton per hour nonmetallic mineral processing plants. The smaller mineral plant is portable and is only periodically on site. Fuels for the asphalt plant include number 2 oil, waste oil, natural gas, and propane. There is also a ready mix concrete plant at the facility, but the concrete plant is exempt from air permitting.

Emissions of nitrogen oxides, carbon monoxide, sulfur dioxide, and VOC from the facility are limited to below major source thresholds. Therefore, the facility is not subject to the requirements of Title V and 6NYCRR Part 212-3 Reasonably Available Control Technology for Major Facilities.

Regulations which are applicable to the facility include 40 CFR 60 Subparts I and OOO, and 6NYCRR Parts 200, 201, 211, 212, 225, and 227.

Modification #1 of the permit is for removing diesel generators from the permit, adding a new generator for the 175 ton per hour mineral plant, and adding emission caps for sulfur dioxide and VOC.

New York State Department of Environmental Conservation
Facility DEC ID: 3484600007



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: JOHN W PETRONELLA
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
 - 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 1-1: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 1-1.1:

The permittee must submit a separate written application to the Department for renewal,



modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 1-1.2:

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

Item 1-1.3

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

Facility DEC ID: 3484600007



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: CALLANAN INDUSTRIES INC
PO BOX 15097
Albany, NY 12212-5097

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

Mod 0 Permit Effective Date: 07/11/2016

Permit Expiration Date: 07/10/2026

Mod 1 Permit Effective Date: 03/26/2019

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
- 1-1 6 NYCRR 201-7.1: Facility Permissible Emissions
- *1-2 6 NYCRR 201-7.1: Capping Monitoring Condition
- *1-3 6 NYCRR 201-7.1: Capping Monitoring Condition
- *1-4 6 NYCRR 201-7.1: Capping Monitoring Condition
- *1-5 6 NYCRR 201-7.1: Capping Monitoring Condition
- 29 6 NYCRR 211.2: Visible Emissions Limited
- 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
- 1-6 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 1-7 6 NYCRR 225-1.2 (i): Compliance Demonstration
- 16 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 17 6 NYCRR 225-2.4 (a) (2): Compliance Demonstration
- 1-8 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration
- 1-9 40CFR 60, NSPS Subpart III: Applicability
- 1-10 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 1-11 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration

Emission Unit Level

EU=U-AG002,EP=EP005

- 1-12 6 NYCRR 227-1.3 (a): Compliance Demonstration

EU=U-BCH02,EP=EP002

- 1-13 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration

EU=U-DRUM1,EP=EP003

- 1-14 40CFR 60.92(a)(1), NSPS Subpart I: 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
- 6 6 NYCRR 211.1: Air pollution prohibited
- 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 1-1: Facility Permissible Emissions
Effective between the dates of 03/26/2019 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 1-1.1:

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:

per year	CAS No: 000630-08-0 (From Mod 1)	PTE: 190,000 pounds
	Name: CARBON MONOXIDE	
per year	CAS No: 007446-09-5 (From Mod 1)	PTE: 190,000 pounds
	Name: SULFUR DIOXIDE	
per year	CAS No: 0NY210-00-0 (From Mod 1)	PTE: 190,000 pounds
	Name: OXIDES OF NITROGEN	
per year	CAS No: 0NY998-00-0 (From Mod 1)	PTE: 95,000 pounds
	Name: VOC	

Condition 1-2: Capping Monitoring Condition
Effective between the dates of 03/26/2019 and 07/10/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 1-2.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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 212-3.1 (a) (2)

Item 1-2.2:

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

Item 1-2.3:

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 1-2.4:

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 1-2.5:

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 1-2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 1-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall comply with the following:

1. Emissions of VOC shall not exceed 47.5 tons per year rolled monthly.
2. The following emission factors will be used in calculating VOC emissions:

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



0.0082 pounds per ton of asphalt produced at the batch plant when fueled with natural gas, propane, or number 2 oil;

0.036 pounds per ton of asphalt produced at the batch plant when fueled with waste oil;

0.032 pounds per ton of asphalt produced at the drum plant; and

0.108 pounds per hour of diesel generator operation.

Asphalt emission factors are from AP-42. Diesel generator emission factor is based on Tier 4 standards and a 350 horsepower rating.

Parameter Monitored: VOC

Upper Permit Limit: 47.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 1-3: Capping Monitoring Condition
Effective between the dates of 03/26/2019 and 07/10/2026

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 1-3.1:

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

Item 1-3.2:

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

Item 1-3.3:

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 1-3.4:

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



New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007

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 1-3.5:

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 1-3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 1-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall comply with the following:

1. Emissions of carbon monoxide shall not exceed 95 tons per year rolled monthly.

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

0.4 pounds per ton of asphalt produced at the batch plant;

0.13 pounds per ton of asphalt produced at the drum plant; and

2.0 pounds per hour of diesel generator operation.

Asphalt emission factors are from AP-42. Diesel generator emission factor is based on Tier 4 standards and a 350 horsepower rating.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 95 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 1-4: Capping Monitoring Condition
Effective between the dates of 03/26/2019 and 07/10/2026



Applicable Federal Requirement:6 NYCRR 201-7.1

Item 1-4.1:

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 1-4.2:

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

Item 1-4.3:

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 1-4.4:

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 1-4.5:

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 1-4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall comply with the following:

1. Emissions of sulfur dioxide shall not exceed 95 tons per year rolled monthly.

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



2. The following emission factors will be used in calculating sulfur dioxide emissions:
- 0.0046 pounds per ton of asphalt produced at the batch plant when fueled with natural gas or propane;
 - 0.088 pounds per ton of asphalt produced at the batch plant when fueled with oil;
 - 0.0034 pounds per ton of asphalt produced at the drum plant when fueled with natural gas or propane;
 - 0.011 pounds per ton of asphalt produced at the drum plant when fueled with number 2 oil;
 - 0.058 pounds per ton of asphalt produced at the drum plant when fueled with waste oil; and
 - 0.718 pounds per hour of diesel generator operation.

Emission factors are from AP-42 and a 350 horsepower rating for the diesel generator.

Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 95 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 1-5: Capping Monitoring Condition
Effective between the dates of 03/26/2019 and 07/10/2026

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 1-5.1:

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
- 6 NYCRR 212-3.1 (a) (2)

Item 1-5.2:

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

Item 1-5.3:

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.

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Item 1-5.4:

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 1-5.5:

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 1-5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 1-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall comply with the following:

1. Emissions of NO_x shall not exceed 95 tons per year rolled monthly.

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

0.12 pounds per ton of asphalt produced at the batch plant when fueled with oil;

0.025 pounds per ton of asphalt produced at the batch plant when fueled with natural gas or propane;

0.055 pounds per ton of asphalt produced at the drum plant when fueled with oil;

0.026 pounds per ton of asphalt produced at the drum plant when fueled with natural gas or propane; and

0.231 pounds per hour of diesel generator operation.

Asphalt emission factors are from AP-42. Diesel generator emission factor is based on Tier 4 standards and a 350 horsepower rating.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 95 tons per year

Monitoring Frequency: MONTHLY

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
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 Federal 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.

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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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.

(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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Condition 1-6: Compliance Demonstration
Effective between the dates of 03/26/2019 and 07/10/2026

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

Item 1-6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

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: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-7: Compliance Demonstration
Effective between the dates of 03/26/2019 and 07/10/2026

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

Item 1-7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Monitoring Description:

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

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.75 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 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)

Item 16.1:

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

Emission Unit: U-DRUM1

Emission Point: EP003

Process: DRA

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Within 180 days of first utilizing waste fuel A within the 400 tph Drum HMA plant, Bridgeville Quarry shall conduct performance testing to demonstrate a combustion efficiency of at least 99 percent. Combustion efficiency shall be measured by the relative concentration of CO₂ and CO in the flue gas in accordance with EPA Method 3A and 10 pursuant to 6 NYCRR 225-2.

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: WASTE OIL
Parameter Monitored: COMBUSTION EFFICIENCY
Lower Permit Limit: 99 percent
Reference Test Method: METHODS 3A AND 10
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 17: Compliance Demonstration
Effective between the dates of 07/11/2016 and 07/10/2026

Applicable Federal Requirement: 6 NYCRR 225-2.4 (a) (2)

Item 17.1:

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

Emission Unit: U-BCH02
Process: B2A

Emission Unit: U-DRUM1
Process: DRA

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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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 1-8: Compliance Demonstration
Effective between the dates of 03/26/2019 and 07/10/2026

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

Item 1-8.1:

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 1-8.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater. The Department reserves the right to perform or require the performance of a Method 9 observation.

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
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-9: Applicability
Effective between the dates of 03/26/2019 and 07/10/2026

Applicable Federal Requirement:40CFR 60, NSPS Subpart III

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Item 1-9.1:

Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart III.

Condition 1-10: Compliance Demonstration

Effective between the dates of 03/26/2019 and 07/10/2026

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

Item 1-10.1:

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

Emission Unit: U-AG001

Emission Unit: U-AG002

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Fugitive emissions from any transfer point on belt conveyors or from any screen constructed after August 31, 1983 and before April 22, 2008 shall not exceed 10 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 visible emissions observation. When determining compliance with the opacity limit, the duration of the Method 9 observations must be 30 minutes (five 6 minute averages). Compliance will be based on the average of the five 6 minute averages.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-11: Compliance Demonstration

Effective between the dates of 03/26/2019 and 07/10/2026

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

Item 1-11.1:

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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Emission Unit: U-AG001

Emission Unit: U-AG002

Item 1-11.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Fugitive emissions from any crusher constructed after August 31, 1983 and before April 22, 2008 shall not exceed 20 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 visible emissions observation. When determining compliance with the opacity limit, the duration of the Method 9 observations must be 30 minutes (five 6 minute averages). Compliance will be based on the average of the five 6 minute averages.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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

Condition 1-12: Compliance Demonstration

Effective between the dates of 03/26/2019 and 07/10/2026

Applicable Federal Requirement: 6 NYCRR 227-1.3 (a)

Item 1-12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG002

Emission Point: EP005

Item 1-12.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six minute

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



period per hour of no more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 observation.

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

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-13: Compliance Demonstration

Effective between the dates of 03/26/2019 and 07/10/2026

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

Item 1-13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH02

Emission Point: EP002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to 0.04 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Emission testing shall be conducted, if directed by the Department.

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: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-14: Compliance Demonstration

Effective between the dates of 03/26/2019 and 07/10/2026

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

Item 1-14.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Emission Point: EP003

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to 0.04 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. An emission test was conducted in 2013, and the test results showed compliance with the particulate limit. Any subsequent testing will be conducted, if directed by the Department.

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: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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: 007446-09-5
Name: SULFUR DIOXIDE

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

CAS No: 0NY210-00-0

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

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(From Mod 1):

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

Emission Unit: U-AG001

Emission Unit Description:

This emission unit is a stationary nonmetallic mineral dry processing plant consisting of three crushers, four screens and conveyors. The plant, operated at a nominal throughput rate of 500 tons per hour, provides materials needed for the production of hot mix asphalt and concrete.

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

Item 26.2(From Mod 1):

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 plant, consisting of a crusher, a shaker screen, and conveyors. The portable plant is periodically transported to the facility for processing aggregate.

This emission unit also includes a diesel generator.

Item 26.3(From Mod 1):

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

Emission Unit: U-BCH02

Emission Unit Description:

This emission unit is a batch hot mix asphalt plant.

Emissions from the plant dryer exhaust to a baghouse.

Item 26.4(From Mod 1):

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

Emission Unit: U-DRUM1

Emission Unit Description:

This emission unit is a drum hot mix asphalt plant. The plant dryer is equipped with a low NO_x burner, and emissions from the dryer exhaust to a baghouse.

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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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

Applicable State 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 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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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(From Mod 1):

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

Emission Unit: U-AG002

Emission Point: EP005

Height (ft.): 6 Diameter (in.): 3

NYTMN (km.): 4608.474 NYTME (km.): 531.904

Item 31.2(From Mod 1):

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 31.3(From Mod 1):

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

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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(From Mod 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:
Mined non metallic mineral is crushed and screened within a fixed aggregate plant. Conveyors are used to transport the aggregate. A water spray system is 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: CR01A - Process
Design Capacity: 500 tons per hour

Emission Source/Control: CR02A - Process

Emission Source/Control: CR03A - Process

Emission Source/Control: SCR1A - Process
Design Capacity: 500 tons per hour

Emission Source/Control: SCR2A - Process
Design Capacity: 500 tons per hour

Emission Source/Control: SCR3A - Process
Design Capacity: 300 tons per hour

Emission Source/Control: SCR4A - Process
Design Capacity: 300 tons per hour

Item 32.2(From Mod 1):

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 is processed within a portable aggregate plant using a crusher, screen, and conveyors. Water spray is used to control particulate emissions.

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



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

Item 32.3(From Mod 1):

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

Emission Unit: U-AG002
Process: GEN Source Classification Code: 2-02-001-02
Process Description:
Diesel fuel is used to operate an electric generator.

Emission Source/Control: GEN04 - Combustion
Design Capacity: 350 horsepower (mechanical)

Item 32.4(From Mod 1):

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

Emission Unit: U-BCH02
Process: B2A Source Classification Code: 3-05-002-52
Process Description:
Asphalt is produced using waste fuel A in the batch plant
dryer burner.

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

Emission Source/Control: DHT02 - Process

Item 32.5(From Mod 1):

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

Emission Unit: U-BCH02
Process: B2G Source Classification Code: 3-05-002-51
Process Description:
Asphalt is produced using natural gas in the batch plant
dryer burner.

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

Emission Source/Control: DHT02 - Process

Item 32.6(From Mod 1):

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



New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007

Emission Unit: U-BCH02

Process: B2O

Source Classification Code: 3-05-002-52

Process Description:

Asphalt is produced using number 2 oil in the batch plant dryer burner.

Emission Source/Control: BH002 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT02 - Process

Item 32.7(From Mod 1):

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

Emission Unit: U-BCH02

Process: B2P

Source Classification Code: 3-05-002-98

Process Description:

Asphalt is produced using propane in the batch plant dryer burner.

Emission Source/Control: BH002 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT02 - Process

Item 32.8(From Mod 1):

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

Emission Unit: U-DRUM1

Process: DR2

Source Classification Code: 3-05-002-58

Process Description: Number 2 oil is used for the drum plant dryer.

Emission Source/Control: BH003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process

Item 32.9(From Mod 1):

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

Emission Unit: U-DRUM1

Process: DRA

Source Classification Code: 3-05-002-58

Process Description: Waste oil is used for the drum plant dryer.

Emission Source/Control: BH003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control

Control Type: LOW NOx BURNER

New York State Department of Environmental Conservation

Permit ID: 3-4846-00007/00017

Facility DEC ID: 3484600007



Emission Source/Control: DRM03 - Process

Item 32.10(From Mod 1):

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

Emission Unit: U-DRUM1

Process: DRG

Source Classification Code: 3-05-002-55

Process Description: Natural gas is used for the drum plant dryer.

Emission Source/Control: BH003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process

Item 32.11(From Mod 1):

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

Emission Unit: U-DRUM1

Process: DRP

Source Classification Code: 3-05-002-98

Process Description: Propane is used for the drum plant dryer.

Emission Source/Control: BH003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT03 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: DRM03 - Process

