



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-2538-00002/02002
Effective Date: 03/11/2019 Expiration Date: 03/10/2029

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

Contact: Tim Hauck
6375 Tuttle Rd
Canastota, NY 13032
(315) 697-9569

Facility: CALLANAN INDUSTRIES OXBOW QUARRY
6375 TUTTLE RD
CANASTOTA, NY 13032

Description:
THIS PERMIT IS TO AUTHORIZE THE OPERATION OF A 650 TON PER HOUR AGGREGATE PROCESSING PLANT (HEWITT ROBINS JAW CRUSHER, HAZEMAG 1513KA IMPACT CRUSHER, SYMONS 4 1/4" SHORHEAD CONE CRUSHER, METSO HP200 CONE CRUSHER, METSO HPCONE CRUSHER, ALLIS CHALMERS 4248 JAW CRUSHER), A 240 TON PER HOUR BATCH MIX ASPHALT PLANT (STANSTEEL RM-80A, NATURAL GAS/#2 FUEL OIL/WASTE OIL FUEL A), A 180 TON PER HOUR BATCH MIX ASPHALT PLANT (CEDAR RAPIDS, NATURAL GAS/#2 FUEL OIL/WASTE FUEL A), A 300 TON PER HOUR PORTABLE AGGREGATE CRUSHING AND SCREENING PLANT (EIJAY 45" CONE CRUSHER, DIESEL), A 250 TON PER HOUR RECYCLED ASPHALT PROCESSING PLANT (EAGLE CRUSHER AND TRIPPLE DECK SCREEN, DIESEL), AND A 450 TON PER HOUR PORTABLE DRUM MIX ASPHALT PLANT (DOUBLE BARREL DRUM MIXER, NATURAL GAS/#2 FUEL OIL/WASTE FUEL A).

New York State Department of Environmental Conservation
Facility DEC ID: 7253800002



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: ELIZABETH A TRACY
 615 ERIE BLVD W
 SYRACUSE, NY 13204-2400

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 7 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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



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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 7 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 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



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: CALLANAN INDUSTRIES OXBOW QUARRY
6375 TUTTLE RD
CANASTOTA, NY 13032

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

Permit Effective Date: 03/11/2019

Permit Expiration Date: 03/10/2029



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.7: Maintenance of Equipment
- 2 6 NYCRR 201-1.7: Recycling and Salvage
- 3 6 NYCRR 200.7: Compliance Demonstration
- 4 6 NYCRR 201-1.1 (a): Compliance Demonstration
- 5 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *7 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *8 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *9 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *10 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 11 6 NYCRR 202-1.1: Compliance Demonstration
- 12 6 NYCRR 211.2: Visible Emissions Limited
- 13 6 NYCRR 212-1.5 (d): Compliance Demonstration
- 14 6 NYCRR 212-4.1 (a) (2): Compliance Demonstration
- 15 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 16 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 17 40CFR 60.92, NSPS Subpart I: Compliance Demonstration
- 18 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration
- 19 40CFR 60, NSPS Subpart III: Compliance and Enforcement
- 20 40CFR 60, NSPS Subpart OOO: Compliance Demonstration
- 21 40CFR 63, Subpart ZZZZ: Compliance and Enforcement

Emission Unit Level

- 22 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration

EU=U-AG002

- 23 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration

EU=U-BCH01

- 24 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 25 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration

EU=U-BCH02

- 26 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration

EU=U--DRUM

- 27 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration

EU=U-RAP01

- 28 40CFR 60.674(b), NSPS Subpart OOO: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 29 ECL 19-0301: Contaminant List
- 30 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 31 6 NYCRR Subpart 201-5: Emission Unit Definition
- 32 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



- 33 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 34 6 NYCRR 211.1: Air pollution prohibited
- 35 6 NYCRR 211.1: Compliance Demonstration
- 36 6 NYCRR 212-2.1: Compliance Demonstration
- 37 6 NYCRR 212-2.3 (b): Compliance Demonstration

Emission Unit Level

- 38 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 39 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 03/11/2019 and 03/10/2029

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: Recycling and Salvage
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 2.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 3: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR 200.7

Item 3.1:

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

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Item 3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

THE OPERATOR WILL MONITOR THE PRESSURE DIFFERENTIAL ACROSS THE BAGHOUSE ON A DAILY BASIS. DAILY RECORDS OF THE PRESSURE DIFFERENTIAL READINGS ARE TO BE MAINTAINED, INCLUDING CORRECTIVE ACTIONS TAKEN AND MAINTENANCE ACTIVITIES, ONSITE FOR A PERIOD OF FIVE YEARS.

Parameter Monitored: PRESSURE

Lower Permit Limit: 0.5 inches of water

Upper Permit Limit: 10 inches of water

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement: 6 NYCRR 201-1.1 (a)

Item 4.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The Facility must perform emissions testing to determine actual emissions on Batch Plant 1 (U-BCH01), Batch Plant 2 (U-BCH-02), and the Drum Plant (U-DRUM). The emissions test must be in accordance with a NYSDEC approved testing protocol and must demonstrate compliance with applicable NSPS and 6 NYCCR 212 requirements. The testing must be conducted within thirty (30) days of permit issuance. The

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



emissions report must be submitted to the Department within thirty (30) days after completion of emissions testing. If the Drum and Batch Plants are down for repair/upgrades at the time of permit issuance, the facility must notify the Department once the equipment is operational and testing/reporting must be completed as mentioned above.

The Facility is required to test the following, but not limited to:

- Drum Plant: total PM, PM 2.5, Formaldehyde, and combustion efficiency.
- Batch Plant 1&2: Total PM and combustion efficiency.

Upper Permit Limit: .04 grains per cubic foot

Reference Test Method: EPA Test Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 5: Facility Permissible Emissions
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 5.1:

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 Name: CARBON MONOXIDE	PTE: 190,000 pounds per year
CAS No: 007446-09-5 Name: SULFUR DIOXIDE	PTE: 190,000 pounds per year
CAS No: 0NY075-00-5 Name: PM-10	PTE: 190,000 pounds per year
CAS No: 0NY075-02-5 Name: PM 2.5	PTE: 190,000 pounds per year
CAS No: 0NY998-00-0 Name: VOC	PTE: 95,000 pounds per year

Condition 6: Capping Monitoring Condition
Effective between the dates of 03/11/2019 and 03/10/2029



Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 6.1:

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 6.2:

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

Item 6.3:

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 6.4:

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 6.5:

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 6.6:

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

Emission Unit: U-AG001

Emission Unit: U-AG002

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

Emission Unit: U-RAP01

Regulated Contaminant(s):

CAS No: 0NY075-02-5 PM 2.5

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Combined PM-2.5 emissions from emission units will be limited to 95 tons per year. Particulate matter emissions will be tracked on a 12-month rolling total basis, using production data, and generator operation total basis. Records will be made available to agency representatives upon request. Process specific compliance requirements are further described at the emission unit level elsewhere in this permit.

Upper Permit Limit: 95 tons

Reference Test Method: EPA REFERENCE METHOD 5D

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 12 MONTH AVERAGE - 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 7: Capping Monitoring Condition
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 7.1:

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 7.2:

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

Item 7.3:

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 7.4:

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

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



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 7.5:

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 7.6:

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

Emission Unit: U-AG001

Emission Unit: U-AG002

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

Emission Unit: U-RAP01

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

Item 7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Combined volatile organic compound (VOC) emissions from emission units will be limited to 47.5 tons per year. VOC emission factors will be tracked on a 12-month rolling basis using production data, generator hours, and the most current AP-42 emission factors to calculate non-exempt emissions. Records will be made available to agency representatives upon request. Process specific compliance requirements are further described at the emission unit level elsewhere in this permit.

Upper Permit Limit: 47.5 tons

Reference Test Method: EPA Reference Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 12 MONTH AVERAGE - 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 8: Capping Monitoring Condition
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 8.1:

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 8.2:

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

Item 8.3:

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 8.4:

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 8.5:

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 8.6:

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

Emission Unit: U-AG001

Emission Unit: U-AG002

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 12-MONTH TOTAL, 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 10: Capping Monitoring Condition
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 10.1:

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 10.2:

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

Item 10.3:

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 10.4:

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 10.5:

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 10.6:

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

Emission Unit: U-AG001

Emission Unit: U-AG002

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

Emission Unit: U-RAP01

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 10.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Combined carbon monoxide emissions from emission units will be limited to 95 tons per year. Carbon monoxide emissions will be tracked on a 12-month rolling total basis using production data, stack test data, generator operating hours and the most current AP-42 emission factors to calculate non-exempt emissions. Records will be made available to agency representatives upon request. Process specific compliance requirements are further described at the emission unit level elsewhere in this permit.

Upper Permit Limit: 95 tons

Reference Test Method: EPA Reference Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 12-MONTH TOTAL, 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 11: Compliance Demonstration

Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An acceptable report of measured emissions shall be submitted, as may be required by the Department, to



New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002

ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Department to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Visible Emissions Limited
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 12.1:

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 13: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:6 NYCRR 212-1.5 (d)

Item 13.1:

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

Emission Unit: U-AG001

Emission Unit: U-AG002

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

Emission Unit: U-RAP01

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In instances where a facility owner or operator can demonstrate to the satisfaction of the Department that the facility owner or operator will apply BACT for a criteria air contaminant or T-BACT for a non-criteria air contaminants, the Department may specify a less

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



restrictive permissible emission rate or degree of cleaning for the process emission source or emission point than required under Subpart 212-2 of this Part.

If the facility owner or operator can demonstrate to the satisfaction of the Department that there are no available applications for BACT or T-BACT, the facility may apply for a no control solution.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 15: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires distillate oil including number



New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002

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 facility owner or distributors must submit records of compliance 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: .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 16: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- Prior to delivery, the supplier must demonstrate that the waste oil meets the following criteria limitations:
- PCBs shall be less than 2 ppm
 - Halogen totals shall be less than of equal to 1,000 ppm
 - Sulfur content shall be 0.75 percent by weight or less
 - Lead content shall be less than or greater than 125,000 Btu/gal
 - Arsenic shall not exceed 5 ppm
 - Cadmium shall not exceed 2 ppm
 - Chromium shall not exceed 10 ppm
 - Flash point shall not be below 100 Degrees Fahrenheit

Within 60 days of the first delivery of Waste Fuel A to the facility, each burner burning waste oil will be performance tested to demonstrate a combustion efficiency of 99%. Combustion efficiency will be measured by the relative concentration of CO₂ and CO in the flue gas. Testing will be conducted in accordance with 6NYCRR Subparts 202-1 and 225-2



New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002

Reference Test Method: METHOD 3 AND METHOD 10

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 17: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:40CFR 60.92, NSPS Subpart I

Item 17.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-AG001

Emission Unit: U-AG002

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

Emission Unit: U-RAP01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 17.2:

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 OPACITY DURING ANY SIX CONSECUTIVE MINUTES OF 20 PERCENT OR GREATER. PERFORMANCE TESTING TO DEMONSTRATE THE COMPLIANCE STATUS OF THIS EMISSION SOURCE SHALL BE PERFORMED AT THE MONITORING FREQUENCY SHOWN BELOW.

1. THE FACILITY MUST PERFORM US EPA METHOD 9 OPACITY OBSERVATIONS CONCURRENT WITH THE PARTICULATE MATTER EMISSIONS TESTING ON THE BAGHOUSE EXHAUST STACK. SUBSEQUENT METHOD 9 OBSERVATIONS MUST BE PERFORMED UPON DEPARTMENT REQUEST.

2. THE FACILITY MUST PERFORM VISIBLE EMISSIONS OBSERVATIONS EACH DAY THE FACILITY IS IN OPERATION AND NOTE ANY UNUSUAL OPACITY.

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



3. RECORDS OF DAILY VISIBLE EMISSIONS
OBSERVATIONS MUST BE KEPT IN A LOG BOOK
ON SITE AND A SUMMARY OF ANY UNUSUAL
OPACITY EVENTS MUST BE SUBMITTED ALONG
WITH THE ANNUAL CAPPING CERTIFICATION.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA REFERENCE METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 18: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 18.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater. The owner or operator shall maintain records of the opacity tests on site and will provide those records to the Department upon request.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 19: Compliance and Enforcement
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 19.1:

The Department has not accepted delegation of 40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. Any questions



New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002

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 60 Subpart IIII during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

Condition 20: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:40CFR 60, 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 Emission Point: 30001
- Emission Unit: U-AG002 Emission Point: 500G1
- Emission Unit: U-RAP01 Emission Point: 60001
- Emission Unit: U-RAP01 Emission Point: 600G3

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

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

- A. AFFECTED FACILITIES MUST MEET THE STACK EMISSION LIMITS AND COMPLIANCE REQUIREMENTS WITHIN 60 DAYS AFTER ACHIEVING THE MAXIMUM PRODUCTION RATE AT WHICH THE AFFECTED FACILITY WILL BE OPERATED, BUT NOT LATER THAN 180 DAYS AFTER INITIAL START UP AS REQUIRED UNDER §60.8. THE REQUIREMENTS FOR AFFECTED FACILITIES WITH CAPTURE SYSTEMS USED TO CAPTURE AND TRANSPORT PARTICULATE MATTER TO A CONTROL DEVICE ARE AS FOLLOWS:
 - 1. NO OWNER OR OPERATOR OF A NON-METALLIC MINERAL PROCESSING PLANT, WHICH IS DETERMINED TO BE APPLICABLE TO THIS SUBPART AS PER 40 CFR 60.670 AND DEFINED BY 40 CFR 60.671 MAY ALLOW THE DISCHARGE OF PARTICULATE MATTER FROM A STACK AT A RATE IN EXCESS OF 0.032 G/DSCM (0.014 GR/DSCF).



2. AN INITIAL PERFORMANCE TEST ACCORDING TO §60.8 OF THIS PART AND §60.675 OF THIS SUBPART; AND MONITORING OF WET SCRUBBER PARAMETERS ACCORDING TO §60.674(A) AND §60.676(C), (D), AND (E); AND MONITORING (PER EPA METHOD 22) OF BAGHOUSES ACCORDING TO §60.674(C), (D), OR (E) AND §60.676(B).

B. AFFECTED FACILITIES MUST MEET THE FUGITIVE EMISSION LIMITS AND COMPLIANCE REQUIREMENTS WITHIN 60 DAYS AFTER ACHIEVING THE MAXIMUM PRODUCTION RATE AT WHICH THE AFFECTED FACILITY WILL BE OPERATED, BUT NOT LATER THAN 180 DAYS AFTER INITIAL START UP AS REQUIRED UNDER §60.11. THE REQUIREMENTS FOR FUGITIVE EMISSIONS FROM AFFECTED FACILITIES WITHOUT CAPTURE SYSTEMS AND FOR FUGITIVE EMISSIONS ESCAPING CAPTURE SYSTEMS ARE AS FOLLOWS.

1. THE OWNER OR OPERATOR MUST MEET A 7 PERCENT OPACITY RATING FOR FUGITIVE EMISSION LIMITS SCREENING OPERATIONS, BUCKET ELEVATORS, TRANSFER POINTS, BELT CONVEYORS, STORAGE BINS, AND ENCLOSED TRUCK LOADING STATIONS OR FROM ANY OTHER AFFECTED FACILITY.

2. AN INITIAL PERFORMANCE TEST ACCORDING TO §60.11 OF THIS PART AND §60.675 OF THIS SUBPART; AND PERIODIC INSPECTIONS OF WATER SPRAYS ACCORDING TO §60.674(B) AND §60.676(B).

Upper Permit Limit: .032 grams PM per dry standard cubic meter

Reference Test Method: EPA REFERENCE TEST METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 21: Compliance and Enforcement
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement: 40CFR 63, Subpart ZZZZ

Item 21.1:

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. Any questions concerning compliance and/or enforcement of this

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

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

Condition 22: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable Federal Requirement:40CFR 60.674(b), 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

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Emission Unit: U--DRUM

Emission Unit: U-RAP01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

The owner/operator must initiate corrective action within 24 hours and complete the corrective action as expeditiously

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



as practical if the owner/operator finds that water is not flowing properly during an inspection of the water spray nozzles.

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

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

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



and any corrective actions taken, in the logbook required under §60.676(b).

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

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 24: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 24.2:

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 opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a visible emissions observation (determining the presence or absence of visible emissions greater than the upper limit specified) or all emission points and/or emission sources once per day, during daylight hours, except during conditions of extreme weather (fog, snow, rain). Performance testing to demonstrate the compliance status of this emission source shall be performed at the monitoring frequency shown below.

1. The facility must perform US EPA Method 9 opacity observations concurrent with the particulate matter emissions testing on the Baghouse exhaust stack. Subsequent Method 9 observations must be performed upon department request. The Department reserves the right to

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



perform or require the performance of a Method 9 opacity evaluation.

2. The facility must perform visible emissions observations each day the facility is in operation and note any unusual opacity. Daily records of observations are to be maintained, if any visible emissions are noted above the upper limit specified, corrective action is required.

3. Records of daily visible emissions observations must be kept in a log book on site and a summary of any unusual opacity events must be submitted along with the annual capping certification.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Reference 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 25: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



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

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

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH02

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

If the facility ceases operation of the water sprays or is



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

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 27: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U--DRUM

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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



New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: Compliance Demonstration

Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-RAP01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 28.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

Monitoring Frequency: MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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 29: Contaminant List
Effective between the dates of 03/11/2019 and 03/10/2029**

Applicable State Requirement:ECL 19-0301

Item 29.1:

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: 0NY075-00-5



Name: PM-10

CAS No: 0NY075-02-5

Name: PM 2.5

CAS No: 0NY998-00-0

Name: VOC

**Condition 30: Malfunctions and start-up/shutdown activities
Effective between the dates of 03/11/2019 and 03/10/2029**

Applicable State Requirement: 6 NYCRR 201-1.4

Item 30.1:

(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 31: Emission Unit Definition



Effective between the dates of 03/11/2019 and 03/10/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 31.1:

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

Emission Unit: U-AG001

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF AN EXISTING FIXED AGGREGATE PROCESSING PLANT WITH A SERIES OF CRUSHERS, SCREENS, AND CONVEYORS PRODUCING SEVERAL GRADES OF CRUSHED STONE PRODUCTS, OPERATING AT A NOMINAL THROUGHPUT RATE OF 650 TONS PER HOUR. THIS UNIT WILL CONTAIN ONE SINGLE EMISSION POINT, SPECIFICALLY THE STACK FROM BAGHOUSE CURRENTLY BEING INSTALLED (BH004) (EP40001). THIS BAGHOUSE WILL CAPTURE THE FUGITIVE PARTICULATE MATTER FROM THE MAJORITY OF CRUSHERS, SCREENS AND CONVEYORS THROUGH A SERIES OF DUCT WORK. EACH OF THE TRANSFER POINTS AT THE CRUSHERS, SCREENS AND CONVEYORS ARE INDIVIDUAL EMISSION SOURCES BUT ARE NOT EMISSION POINTS. THE PROCESSES FOR THIS EMISSION UNIT ARE DEFINED AS FOLLOWS: PROCESS: PRIMARY CRUSHER, SECONDARY CRUSHERS, TERTIARY CRUSHERS, SCREENING, CONVEYORS, LOAD OUT BINS. PROCESS ID: CR1, CR2, CR3, SC1, CV1, LOB. IN ADDITION TO THE FUGITIVE DUST SYSTEM CURRENTLY BEING INSTALLED, A WATER SPRAY SYSTEM IS ALSO USED TO CONTROL FUGITIVE DUST EMISSIONS AT DROP POINTS WHERE THE MOVEMENT OF FINE MATERIAL MAKES CONTROL NECESSARY. THIS INCLUDES CRUSHER DISCHARGE POINTS AND TRANSFERS ONTO SOME OF THE SCREENS, CONVEYORS AND STOCKPILES. ALTHOUGH SPRAY HEADS ARE NOT PROVIDED AT EVERY DROP POINT, ALL EQUIPMENT AND DROP POINTS ARE ASSUMED TO BE CONTROLLED BY THE WATER SPRAY EQUIPMENT BECAUSE THE MOISTURE CONTENT ACHIEVED AT CONTROL POINTS IS EFFECTIVELY CARRIED THROUGH THE SUBSEQUENT PROCESSES.

Item 31.2:

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

Emission Unit: U-AG002

Emission Unit Description:

THIS EMISSION UNIT IS A PROPOSED PORTABLE PROCESSING PLANT THAT WILL CONSIST OF A CONE CRUSHER (EU-CR4), A SCREEN, ASSOCIATE



CONVEYORS AND HOPPERS, AND A GENERATOR (GEN02). THE CRUSHER HAS A RATED CAPACITY OF 300 TONS PER HOUR WHEN OPERATED FOR THE MAXIMUM SIZE PRODUCT, BUT THE INTENDED USE FOR THE PORTABLE PLANT AT THIS FACILITY IS FOR TERTIARY CRUSHING, THEREFORE A SMALLER OPENING, AND A LOWER THROUGHPUT WILL RESULT. THE EMISSION UNIT HAS ONE EMISSION POINT FOR THE GENERATOR EXHAUST (EP50001). THE EMISSIONS FROM THE UNIT CONSIST OF FUGITIVE PARTICULATE MATTER FROM THE CRUSHER, SCREEN AND CONVEYORS, AS WELL AS, COMBUSTION FROM THE GENERATOR. PARTICULATE EMISSIONS ARE CONTROLLED BY WET DUST SUPPRESSION. WATER SPRAY IS USED AT VARIOUS POINTS THROUGHOUT THE SYSTEM.

OPERATING CONTINUOUSLY THROUGHOUT THE YEAR (8760 HOURS), THE PORTABLE AGGREGATE PLANT EQUIPMENT WOULD NOT, BY ITSELF, EXCEED ANY OF THE PROPOSED EMISSION CAPS. THE LARGEST COMPONENT OF EMISSIONS FROM THE PORTABLE AGGREGATE PLANT IS NOX FROM THE GENERATOR. IN CONJUNCTION WITH OPERATION OF THE FOUR EMISSION UNITS, THE PLANT'S OPERATING HOURS WILL BE LIMITED TO MAINTAIN EMISSIONS BELOW THE PROPOSED NOX LIMITS.

ALTHOUGH THIS EQUIPMENT IS PORTABLE, AND WILL HAVE AN ACTUAL THROUGHPUT UNDER 250 TONS PER HOUR (WHEN USED FOR TERTIARY CRUSHING), IT WILL BE USED AS AN EXTENSION OF THE FIXED AGGREGATE PLANT. IT IS LIKELY TO BE IN OPERATION AT THIS FACILITY FOR MORE THAN 30 CONSECUTIVE DAYS AT A TIME, AND THEREFORE DOES NOT QUALIFY AS TEMPORARY USE. AS AN EXTENSION OF THE FIXED PLANT, IT IS SUBJECT TO NSPS AND THEREFORE REQUIRES PRE-CONSTRUCTION NOTIFICATION AND PERFORMANCE TESTING, AND MUST COMPLY WITH SUBPART 000 OPACITY LIMITS. EQUIPMENT SUBJECT TO SUBPART 000 AS NSPS ARE EXEMPT FROM THE STARTUP NOTIFICATION REQUIREMENT OF 40CFR60.7(A)(2).

THIS EQUIPMENT IS BEING PERMITTED AS A PORTABLE PLANT AND IS DEFINED AS A SEPARATE EMISSION UNIT, SINCE IT MAY BE OPERATED AT OTHER FACILITIES. THE ACTUAL EMISSIONS WILL BE TRACKED SEPARATELY FROM THE FIXED AGGREGATE PLANT. WHILE THE PLANT IS ON THIS SITE, THE EMISSIONS WILL BE INCLUDED IN THE OVERALL FACILITY EMISSION CALCULATIONS.

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Item 31.3:

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

Emission Unit: U-BCH01

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF A BATCH MIX ASPHALT PLANT PRESENTLY PERMITTED TO OPERATE AT THIS FACILITY. THIS EMISSION UNIT HAS ONE EMISSION POINT, THE BAGHOUSE EXHAUST, EP10001. EMISSION SOURCES IN THIS EMISSION UNIT ARE THE DRUM (DRM01), THE DRUM HEATER BURNER (DHT01), AND THE BAGHOUSE (BH001). THE BATCH PLANT WILL BE CONNECTED TO THE GRID, AND THE BURNER MAY BURN NATURAL GAS, #2 OR 4 OIL OR WASTE FUEL A. THE EMISSIONS INCLUDE NOX, SO₂, CO, PARTICULATES AND VOC. PROCESS DESCRIPTIONS ARE INCLUDED FOR THE OPERATION OF A BATCH PLANT ON NATURAL GAS, #2 OR #4 OIL OR WASTE FUEL A. OPERATING CONTINUOUSLY THROUGHOUT THE YEAR (8760 HRS), THE BATCH PLANT BY ITSELF WOULD EXCEED THE CO CAP. THIS PLANT'S OPERATING HOURS WILL BE LIMITED TO MAINTAIN EMISSIONS BELOW THE PROPOSED CO FACILITY LIMITS.

Item 31.4:

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 BATCH MIX ASPHALT PLANT PRESENTLY PERMITTED TO OPERATE AT THIS FACILITY. THIS EMISSION UNIT HAS ONE EMISSION POINT, THE BAGHOUSE EXHAUST, EP2001. EMISSION SOURCES IN THIS EMISSION UNIT ARE THE DRUM (DRM02), THE DRUM HEATER BURNER (DHT02), AND THE BAGHOUSE (BH002). THE BATCH PLANT WILL BE CONNECTED TO THE GRID, AND THE BURNER MAY BURN NATURAL GAS, #2 OR #4 OIL OR WASTE FUEL A. THE EMISSIONS INCLUDE NOX, SO₂, CO, PARTICULATES AND VOC. PROCESS DESCRIPTIONS ARE INCLUDED FOR THE OPERATION OF A BATCH PLANT ON NATURAL GAS, #2 OR #4 OIL OR WASTE FUEL A. OPERATING CONTINUOUSLY THROUGHOUT THE YEAR (8760 HRS), THE BATCH PLANT BY ITSELF WOULD EXCEED THE CO CAP. THIS PLANT'S OPERATING HOURS WILL BE LIMITED TO MAINTAIN EMISSIONS BELOW THE PROPOSED CO FACILITY LIMITS.

Item 31.5:

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



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

Emission Unit: U--DRUM

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF A PROPOSED COUNTER FLOW DRUM MIX HOT ASPHALT PLANT. THIS EMISSION UNIT INCLUDES ONE EMISSION POINT, THE BAGHOUSE EXHAUST, EP30001. EMISSIONS SOURCES IN THIS EMISSION UNIT ARE THE DRUM (DRM03) AND THE DRUM HEATER BURNER (DHT03). A CYCLONE (CYCL3) ON THE INLET SIDE OF THE BAGHOUSE (BH003) FOR PARTICULATE REDUCTION RETURNS RECOVERED MATERIAL TO THE DRUM. THE DRUM HEATER BURNER MAY BURN NO. 2 OIL, NATURAL GAS, NO. 4 OIL, OR WASTE FUEL A. THE DRUM PLANT IS EITHER POWERED BY THE GRID OR A GENERATOR, AND THE EMISSIONS INCLUDE NOX, SO₂, CO, PARTICULATE AND VOC. PROCESS DESCRIPTIONS ARE INCLUDED FOR THE OPERATION OF THE DRUM PLANT ON NATURAL GAS, NUMBER 2 AND 4 OIL, AND WASTE OIL. OPERATING CONTINUOUSLY THROUGHOUT THE YEAR (8760 HRS), THE DRUM PLANT BY ITSELF WOULD EXCEED THE CARBON MONOXIDE CAP. THE EMISSIONS ARE SUMMARIZED IN THE ATTACHMENTS FOR USE IN DETERMINING THE ERPS FOR THE EMISSION UNIT EMISSION SUMMARY. BURNING OIL, WASTE FUEL A OR GAS, OPERATION OF THE DRUM MIX IS LIMITED BY CO EMISSIONS. BY STAYING WITHIN THE CO EMISSION LIMITS ON THE EMISSION UNIT, THE OTHER CONTAMINANTS ARE EFFECTIVELY CAPPED BELOW THE FACILITY LIMITS. IN CONJUNCTION WITH OPERATION OF THE OTHER TWO EMISSION UNITS, DRUM PLANT PRODUCTION WILL BE LIMITED TO MAINTAIN EMISSIONS BELOW THE PROPOSED CAP LIMITS.

Item 31.6:

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

Emission Unit: U-RAP01

Emission Unit Description:

THE EMISSION UNIT IS A PROPOSED PORTABLE PROCESSING PLANT FOR RECYCLED ASPHALT PAVEMENT(RAP), WHICH WILL CONSIST OF AN EAGLE CRUSHER (CR008), A SCREEN (SCR09), ASSOCIATED CONVEYORS, AND A GENERATOR (GEN 03, OPERATING ON #2 FUEL OIL ONLY. THE CRUSHER HAS A RATED CAPACITY OF 250 TONS PER HOUR WHEN OPERATED FOR THE MAXIMUM SIZE PRODUCT, BUT THE INTENDED USE FOR THE RAP PLANT AT THE FACILITY IS FOR TERTIARY CRUSHING, THEREFORE A SMALLER OPENING, AND



A LOWER THROUGHPUT WILL RESULT. THIS EMISSION UNIT HAS ONE EMISSION POINT FOR THE GENERATOR EXHAUST (EP60001). THE EMISSIONS FROM THE UNIT CONSIST OF FUGITIVE PARTICULATE MATTER FROM THE CRUSHER, SCREEN AND CONVEYOR, ALONG WITH COMBUSTION PRODUCTS FROM THE GENERATOR. OPERATING, CONTINUOUSLY THROUGHOUT THE YEAR (8760 HRS), THE PORTABLE AGGREGATE PLANT IS NOX FROM THE GENERATOR. IN CONJUNCTION WITH OPERATION OF THE OTHER TWO EMISSION UNITS, THIS PLANT'S OPERATING HOUSE WILL BE LIMITED TO MAINTAINING EMISSIONS BELOW THE PROPOSED NOX LIMITS. EMISSION CALCULATIONS ARE INCLUDED IN THE ATTACHMENTS TO THE APPLICATION. THIS EQUIPMENT IS BEING PERMITTED AS A PORTABLE PLANT AND IS DEFINED AS A SEPARATE EMISSION UNIT BECAUSE IT MAY BE OPERATED AT OTHER FACILITIES.

Condition 32: Renewal deadlines for state facility permits
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 32.1:

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 33: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 33.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 33.2:

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 7
615 Erie Blvd West

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Syracuse, NY 13204

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Air pollution prohibited
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable State Requirement:6 NYCRR 211.1

Item 34.1:

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 35: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable State Requirement:6 NYCRR 211.1

Item 35.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH01 Process: B14	Emission Point: 10001 Emission Source: BH001
Emission Unit: U-BCH01 Process: B14	Emission Point: 10001 Emission Source: DHT01
Emission Unit: U-BCH01 Process: B14	Emission Point: 10001 Emission Source: DRM01
Emission Unit: U-BCH01 Process: B1A	Emission Point: 10001 Emission Source: BH001
Emission Unit: U-BCH01 Process: B1A	Emission Point: 10001 Emission Source: DHT01
Emission Unit: U-BCH01 Process: B1A	Emission Point: 10001 Emission Source: DRM01
Emission Unit: U-BCH01 Process: B1G	Emission Point: 10001 Emission Source: BH001
Emission Unit: U-BCH01	Emission Point: 10001



New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002

Process: B1G	Emission Source: DHT01
Emission Unit: U-BCH01 Process: B1G	Emission Point: 10001 Emission Source: DRM01
Emission Unit: U-BCH01 Process: B1O	Emission Point: 10001 Emission Source: BH001
Emission Unit: U-BCH01 Process: B1O	Emission Point: 10001 Emission Source: DHT01
Emission Unit: U-BCH01 Process: B1O	Emission Point: 10001 Emission Source: DRM01

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions odors 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.

a. Upon receiving an odor complaint, the owner or operator shall notify the Department of the complaint no later than 24 hours after the complaint was received. Upon receiving an odor complaint, whether directly from the public or the Department, the owner or operator, and/or the Department will assess the complaint and assess whether the off-site odor is potentially prohibited by part 211. If persistent odor complaints are recorded, and confirmed by the owner or operator or the Department, the facility shall submit to the department documentation outlining the facility's efforts in controlling odors. The facility is responsible for taking the appropriate measures to ensure that complaints from officials or neighbors are adequately received and documented. The Facility shall:

1. Investigate, with the Department, any possible causes of odor at the silo and load out area.
2. Take prompt action to abate any circumstance which is found to be the cause of the complaint. Potential corrective actions include, but are not limited to, silo and/or asphalt loadout area controls.
3. Fully document the complaint, results of investigation, and any action taken.



4. Report in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 36: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable State Requirement:6 NYCRR 212-2.1

Item 36.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall not cause or allow emissions, from process emission sources and/or emission points associated with a process operation, to the atmosphere in excess of:

1. for all high toxicity air contaminants except formaldehyde, benzene and nickel compounds, the respective mass emission limit in 6 NYCRR 212-2.2, Table 2;
2. for formaldehyde, benzene and nickel compounds, emissions that would result in a predicted ambient impact in excess of the Annual Guideline Concentrations or Short-term Guideline Concentrations as described in DAR-1;

The ambient impact assessment must be based on:

a. Department approved modelling results and calculations using emission factors based on AP-42 or emission factors based on the results of a valid, Department approved stack test. The stack test must use a Department approved protocol. The protocol must be submitted to the Department at least 30 days before the test is conducted.
and

b. If applicable, a Department approved T-BACT analysis as described in DAR-1.

3. for A-rated contaminants, an emission rate potential of 0.1 pounds per hour, or those emissions that would result in a predicted ambient impact in excess of the Annual Guideline Concentrations and Short-term Guideline Concentrations as described in DAR-1, whichever is less;

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



and

4. for B-rated and C-rated contaminants, an emission rate potential of 10 pounds per hour, or those emissions that would result in a predicted ambient impact in excess of the Annual Guideline Concentrations and Short-term Guideline Concentrations as described in DAR-1, whichever is less.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Demonstration
Effective between the dates of 03/11/2019 and 03/10/2029

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

Item 37.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 37.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Facility Owner or Operator must submit a Department approved dispersion model, which demonstrates that the maximum offsite air concentration is less than the applicable AGC/SGC for formaldehyde. The Facility must provide annual tonnage production rates and stack parameters used in the dispersion modeling, included in the model submittal.

The Facility must operate in accordance with the Department approved production rates and stack parameters as provided in the dispersion model. The Facility must notify the Department within 30 days, if there is a change in stack parameters and production rates. The Department may require a new submittal of a new model.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

**** Emission Unit Level ****

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Condition 38: Emission Point Definition By Emission Unit
Effective between the dates of 03/11/2019 and 03/10/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 38.1:

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

Emission Unit: U-AG001

Emission Point: 30001

Height (ft.): 22

Diameter (in.): 48

NYTMN (km.): 4763.5

NYTME (km.): 441.

Item 38.2:

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

Emission Unit: U-AG002

Emission Point: 500G1

Height (ft.): 5 Diameter (in.): 10

NYTMN (km.): 4763.925 NYTME (km.): 440.848

Item 38.3:

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

Emission Unit: U-BCH01

Emission Point: 10001

Height (ft.): 38

Diameter (in.): 48

NYTMN (km.): 4763.856

NYTME (km.): 440.895

Item 38.4:

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

Emission Unit: U-BCH02

Emission Point: 20002

Height (ft.): 36

Diameter (in.): 36

NYTMN (km.): 4763.5

NYTME (km.): 441.

Item 38.5:

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

Emission Unit: U--DRUM

Emission Point: D0001

Height (ft.): 31

Diameter (in.): 44

NYTMN (km.): 4763.93

NYTME (km.): 440.873

Emission Point: D00G3

Height (ft.): 5 Diameter (in.): 10

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



NYTMN (km.): 4763.847 NYTME (km.): 440.885

Item 38.6:

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

Emission Unit: U-RAP01

Emission Point: 60001

Height (ft.): 14

Diameter (in.): 30

NYTMN (km.): 4763.735 NYTME (km.): 440.838

Emission Point: 600G3

Height (ft.): 5 Diameter (in.): 5

NYTMN (km.): 4763.844 NYTME (km.): 440.895

Condition 39: Process Definition By Emission Unit

Effective between the dates of 03/11/2019 and 03/10/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 39.1:

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

Emission Unit: U-AG001

Process: C01

Source Classification Code: 3-05-040-30

Process Description:

THE PRIMARY CRUSHER IS WHERE THE INITIAL MINERAL PROCESSING TAKES PLACE. RAW MATERIAL IS FED INTO A VIBRATING FEEDER AND CONVEYED TO A PRIMARY CRUSHING UNIT. OPERATION OF A PRIMARY CRUSHER RESULTS IN FUGITIVE PARTICULATE EMISSIONS. THE FUGITIVE EMISSIONS AT FROM THIS CRUSHING UNIT ARE CONTROLLED WITH A SPRAY BAR IN THE CRUSHER THROAT OR DUST COLLECTION SYSTEM. FUGITIVE EMISSIONS CAN BE DRAWN INTO THE BAGHOUSE AND THEN RELEASED THROUGH EMISSION POINT EP40001.

Emission Source/Control: BHA04 - Control

Control Type: FABRIC FILTER

Emission Source/Control: WSPR1 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR001 - Process

Design Capacity: 500 tons per hour

Item 39.2:

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

Emission Unit: U-AG001

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Process: C02

Source Classification Code: 3-05-040-31

Process Description:

THE SECONDARY CRUSHER WORKS IN CONJUNCTION WITH THE PRIMARY CRUSHING UNIT. THE STONE THAT IS TOO LARGE TO PASS THROUGH THE SCALPING SCREEN IS PROCESSED IN THE SECONDARY CRUSHER. SECONDARY CRUSHING TYPICALLY REDUCES THE MATERIAL TO ABOUT 1 TO 4 INCHES. THE AGGREGATE IS THEN SCREENED (OR CRUSHED TO A SMALLER SIZE) AND CONVEYED TO STOCK PILES. SECONDARY CRUSHING RESULTS IN FUGITIVE PARTICULATE EMISSIONS. THE FUGITIVE EMISSIONS FROM THIS CRUSHING UNIT ARE CONTROLLED BY A WET SUPPRESSION SYSTEM LIKE THE PRIMARY UNIT. FUGITIVE EMISSIONS CAN ALSO BE DRAWN INTO THE BAGHOUSE AND THEN RELEASED THROUGH EMISSION POINT EP40001.

Emission Source/Control: BHA04 - Control
Control Type: FABRIC FILTER

Emission Source/Control: WSPR1 - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR001 - Process
Design Capacity: 500 tons per hour

Item 39.3:

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

Emission Unit: U-AG001

Process: C03

Source Classification Code: 3-05-040-31

Process Description:

TERTIARY CRUSHING OCCURS DOWNSTREAM OF THE PRIMARY AND SECONDARY CRUSHING UNIT. OVERSIZE MATERIAL FROM THE TOP DECK OF THE SIZING SCREEN IS FED TO THE TERTIARY CRUSHER. THE TERTIARY CRUSHER OUTPUT, WHICH IS TYPICALLY ABOUT 0.50 TO 2.5 CENTIMETERS (3/16TH TO 1 INCH), IS RETURNED TO THE SIZING SCREEN. PARTICULATE EMISSIONS FROM THIS PROCESS ARE CONTROLLED BY A WET SUPPRESSION WATER SPRAY SYSTEM, SIMILAR TO THE PRIMARY AND SECONDARY UNITS.

Emission Source/Control: BHA04 - Control
Control Type: FABRIC FILTER

Emission Source/Control: WSPR1 - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Emission Source/Control: CR001 - Process
Design Capacity: 500 tons per hour

Emission Source/Control: CR003 - Process
Design Capacity: 180 tons per hour

Emission Source/Control: CR004 - Process
Design Capacity: 135 tons per hour

Emission Source/Control: CR005 - Process
Design Capacity: 425 tons per hour

Emission Source/Control: CR006 - Process
Design Capacity: 425 tons per hour

Item 39.4:

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

Emission Unit: U-AG002
Process: C22 Source Classification Code: 2-02-004-01
Process Description:
OPERATION OF A WHISPERWATT DCA-300SSK4
(KOMATSU SAA6D125E-5 ENGINE) TO POWER THE
PORTABLE PLANT. EMISSIONS FROM THE
GENERATOR ARE THROUGH EMISSION POINT
50001.

Emission Source/Control: GEN02 - Combustion
Design Capacity: 347 horsepower (mechanical)

Item 39.5:

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

Emission Unit: U-AG002
Process: CR4 Source Classification Code: 3-05-040-31
Process Description:
THE PORTABLE CRUSHING PLANT IS USED AS A
TERTIARY CRUSHER TO AUGMENT THE CAPACITY OF
THE FIXED AGGREGATE PLANT ON AN AS NEEDED
BASIS. STONE PROCESSED AT A NOMINAL RATE
OF 300 TONS PER HOUR, RESULTING IN FUGITIVE
PARTICULATE EMISSIONS.

Emission Source/Control: GEN02 - Combustion
Design Capacity: 347 horsepower (mechanical)

Emission Source/Control: WSPR2 - Control
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR007 - Process
Design Capacity: 300 tons per hour

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Item 39.6:

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

Emission Unit: U-AG002

Process: SC2

Source Classification Code: 2-02-004-01

Process Description:

OPERATION OF VARIOUS SHAKER DECKS
RESULTING IN FUGITIVE PARTICULATE EMISSIONS
FROM EMISSION POINT 50001. PARTICULATE
EMISSIONS ARE CONTROLLED BY WET
SUPPRESSION. WATER SPRAY IS USED AT
VARIOUS POINTS THROUGHOUT THE SYSTEM.

Emission Source/Control: WSPR2 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CR007 - Process

Design Capacity: 300 tons per hour

Item 39.7:

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 Description:

BATCH MIX ASPHALT PRODUCTION USING #4 OIL
IN THE DRUM BURNER. CRUSHED STONE IS
CONVEYED TO A ROTARY DRUM, WHICH DRIES AND
HEATS THE AGGREGATE. THE MATERIAL IS THEN
SCREENED INTO HOT STORAGE BINS, FED TO A
WEIGH HOPPER, THEN TRANSFERRED TO A PUG
MILL, WHERE ASPHALTIC CEMENT IS MIXED WITH
THE AGGREGATE. THE PUG MILL DISCHARGES
ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY
FEED. THE DRUM HEATER BURNS #4 OIL,
PRODUCING PREDOMINATELY CO AND NOX. THE
ACTION OF THE DRUM ON THE AGGREGATES
GENERATE PARTICULATE MATTER, WHICH IS
CONTROLLED BY THE BAGHOUSE (BH001) AND
EXHAUSTED THROUGH EP10001.

Emission Source/Control: DHT01 - Combustion

Design Capacity: 89 million Btu per hour

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DRM01 - Process

Design Capacity: 240 tons per hour

Item 39.8:

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



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 Description:

BATCH MIX ASPHALT PRODUCTION USING WASTE FUEL A IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER, WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL WHERE ASPHALTIC CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS WASTE FUEL A PRODUCING PREDOMINATELY CO AND NOX. THE ACTION OF THE DRUM ON THE AGGREGATES PARTICULATE MATTER, WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), IS EXHAUSTED THROUGH EP10001.

Emission Source/Control: DHT01 - Combustion

Design Capacity: 89 million Btu per hour

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DRM01 - Process

Design Capacity: 240 tons per hour

Item 39.9:

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 Description:

BATCH MIX ASPHALT PRODUCTION USING GAS IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER, WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL, WHERE ASPHALTIC CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NATURAL GAS, PRODUCING PRIMARILY CO AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER, WHICH IS CONTROLLED BY THE BAGHOUSE (BH001) AND EXHAUSTED THROUGH EP10001.

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Emission Source/Control: DHT01 - Combustion
Design Capacity: 89 million Btu per hour

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

Emission Source/Control: DRM01 - Process
Design Capacity: 240 tons per hour

Item 39.10:

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 Description:

BATCH MIX ASPHALT PRODUCTION USING #2 OIL IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER, WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL WHERE ASPHALTIC CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS #2 OIL, PRODUCING PREDOMINATELY CO AND NOX. THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER, WHICH IS CONTROLLED BY THE BAGHOUSE (BH001) AND EXHAUSTED THROUGH EP10001.

Emission Source/Control: DHT01 - Combustion
Design Capacity: 89 million Btu per hour

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

Emission Source/Control: DRM01 - Process
Design Capacity: 240 tons per hour

Item 39.11:

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 #4 OIL IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM DRYER, WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS AND FED INTO A WEIGH HOPPER AND

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



TRANSFERRED TO A PUG MILL, WHERE ASPHALTIVE CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS #4 OIL, PRODUCING PRIMARILY CO AND NOX. THE ACTION OF THE DRUM ON THE AGGREGATE GENERATES PARTICULATE MATTER, WHICH IS CONTROLLED BY THE BAGHOUSE (BH002), THEN EXHAUSED THROUGH EP20002.

Emission Source/Control: DHT02 - Combustion
Design Capacity: 450 million Btu per hour

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

Emission Source/Control: DRM02 - Process
Design Capacity: 180 tons per hour

Item 39.12:

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. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM DRYER, WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS AND FED INTO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL, WHERE ASPHALTIVE CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS WASTE FUEL A, PRODUCING PRIMARILY CO AND NOX. THE ACTION OF THE DRUM ON THE AGGREGATE GENERATES PARTICULATE MATTER, WHICH IS CONTROLLED BY THE BAGHOUSE (BH002), THEN EXHAUSED THROUGH EP20002.

Emission Source/Control: DHT02 - Combustion
Design Capacity: 450 million Btu per hour

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

Emission Source/Control: DRM02 - Process
Design Capacity: 180 tons per hour

Item 39.13:

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

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Emission Unit: U-BCH02

Process: B2G

Source Classification Code: 3-05-002-01

Process Description:

BATCH MIX ASPHALT PRODUCTION USING GAS IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM DRYER, WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS AND FED INTO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL, WHERE ASPHALTIVE CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NATURAL GAS, PRODUCING PRIMARILY CO. THE ACTION OF THE DRUM ON THE AGGREGATE GENERATES PARTICULATE MATTER, WHICH IS CONTROLLED BY THE BAGHOUSE (BH002), THEN EXHAUSED THROUGH EP20002.

Emission Source/Control: DHT02 - Combustion

Design Capacity: 450 million Btu per hour

Emission Source/Control: BH002 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DRM02 - Process

Design Capacity: 180 tons per hour

Item 39.14:

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 #2 OIL IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM DRYER, WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS AND FED INTO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL, WHERE ASPHALTIVE CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS #2 OIL, PRODUCING PRIMARILY CO AND NOX. THE ACTION OF THE DRUM ON THE AGGREGATE GENERATES PARTICULATE MATTER, WHICH IS CONTROLLED BY THE BAGHOUSE (BH002), THEN EXHAUSED THROUGH EP20002.

Emission Source/Control: DHT02 - Combustion

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Design Capacity: 450 million Btu per hour

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

Emission Source/Control: DRM02 - Process
Design Capacity: 180 tons per hour

Item 39.15:

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

Emission Unit: U--DRUM

Process: DR4

Source Classification Code: 3-05-002-01

Process Description:

CRUSHED STONE IS CONVEYED TO A ROTARY DRUM, WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR, WHICH THEN TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NUMBER 4 FUEL OIL, PRODUCING NOX, SOX, VOC AND CO, AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATE DUST. DUST IS CONTROLLED BY THE CYCLONE (CYCL3) AND THE BAGHOUSE (BH003), EXHAUSTING THROUGH EPD0001. THE PLANT CAN EITHER RUN ON LINE POWER OR GENERATOR POWER.

Emission Source/Control: DHT03 - Combustion
Design Capacity: 146 million BTUs per hour

Emission Source/Control: GEN01 - Combustion
Design Capacity: 800 horsepower (mechanical)

Emission Source/Control: CYCL3 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: DBH03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DRM03 - Process
Design Capacity: 450 tons per hour

Item 39.16:

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

Emission Unit: U--DRUM

Process: DRA

Source Classification Code: 3-05-002-05

Process Description:



CRUSHED STONE IS CONVEYED TO A ROTARY DRUM, WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR, WHICH THEN TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS WASTE FUEL OIL TYPE A, PRODUCING NOX, SOX, VOC AND CO, AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATE DUST. DUST IS CONTROLLED BY THE CYCLONE (CYCL3) AND THE BAGHOUSE (BH003), EXHAUSTING THROUGH EPD0001. THE PLANT CAN EITHER RUN ON LINE POWER OR GENERATOR POWER.

Emission Source/Control: DHT03 - Combustion
Design Capacity: 146 million BTUs per hour

Emission Source/Control: GEN01 - Combustion
Design Capacity: 800 horsepower (mechanical)

Emission Source/Control: CYCL3 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: DBH03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DRM03 - Process
Design Capacity: 450 tons per hour

Item 39.17:

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

Emission Unit: U--DRUM

Process: DRG

Source Classification Code: 3-05-002-05

Process Description:

CRUSHED STONE IS CONVEYED TO A ROTARY DRUM, WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR, WHICH THEN TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NATURAL GAS, PRODUCING NOX, SOX, VOC AND CO, AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATE DUST. DUST IS CONTROLLED BY THE CYCLONE (CYCL3) AND THE

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



BAGHOUSE (BH003), EXHAUSTING THROUGH EPD0001. THE PLANT CAN EITHER RUN ON LINE POWER OR GENERATOR POWER. THE EMISSION CALCULATIONS INCLUDE THE GENERATOR EMISSIONS.

Emission Source/Control: DHT03 - Combustion
Design Capacity: 146 million BTUs per hour

Emission Source/Control: GEN01 - Combustion
Design Capacity: 800 horsepower (mechanical)

Emission Source/Control: CYCL3 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: DBH03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DRM03 - Process
Design Capacity: 450 tons per hour

Item 39.18:

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

Emission Unit: U--DRUM

Process: DRO

Source Classification Code: 3-05-002-05

Process Description:

CRUSHED STONE IS CONVEYED TO A ROTARY DRUM, WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR, WHICH THEN TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NUMBER 2 OIL, PRODUCING NOX, SOX, VOC AND CO, AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATE DUST. DUST IS CONTROLLED BY THE CYCLONE (CYCL3) AND THE BAGHOUSE (BH003), EXHAUSTING THROUGH EPD0001. THE PLANT CAN EITHER RUN ON LINE POWER OR GENERATOR POWER.

Emission Source/Control: DHT03 - Combustion
Design Capacity: 146 million BTUs per hour

Emission Source/Control: GEN01 - Combustion
Design Capacity: 800 horsepower (mechanical)

Emission Source/Control: CYCL3 - Control
Control Type: SINGLE CYCLONE

New York State Department of Environmental Conservation

Permit ID: 7-2538-00002/02002

Facility DEC ID: 7253800002



Emission Source/Control: DBH03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: DRM03 - Process
Design Capacity: 450 tons per hour

Item 39.19:

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

Emission Unit: U-RAP01
Process: CRR Source Classification Code: 3-05-020-03
Process Description:

THE PORTABLE RAP CRUSHING PLANT IS USED AS A TERTIARY CRUSHER TO PROVIDE AGGREGATE SIZED RECYCLED ASPHALT TO BE USED IN THE PRODUCTION OF HOT MIX ASPHALT. THIS CRUSHER BREAKS UP THE ASPHALT MATERIAL THAT BINDS THE CRUSHED STONE TOGETHER BUT DOES NOT FURTHER CRUSH THE STONE IN THE MIXTURE. THE PRIMARY SOURCE OF POWER FOR THE RAP PROCESSING PLANT WILL BE LINE POWER. THE GENERATOR WILL SERVE AS BACKUP POWER FOR THE RAP PROCESSING PLANT. THE PROCESS WILL USE A CATERPILLAR XQ800 C27 ACERT OR EQUIVALENT. EMISSIONS FROM THE GENERATOR ARE EXHAUSTED THROUGH EMISSION POINT 60001.

Emission Source/Control: GEN03 - Combustion
Design Capacity: 350 horsepower (mechanical)

Emission Source/Control: CR008 - Process
Design Capacity: 250 tons per hour

Item 39.20:

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

Emission Unit: U-RAP01
Process: SCR Source Classification Code: 3-05-020-03
Process Description:

THE PORTABLE RAP CRUSHING PLANT IS USED AS A TERTIARY CRUSHER TO PROVIDE AGGREGATE SIZED RECYCLED ASPHALT TO BE USED IN THE PRODUCTION OF HOT MIX ASPHALT. OPERATION OF VARIOUS SHAKER DECKS RESULTING IN FUGITIVE PARTICULATE EMISSIONS.

Emission Source/Control: SCR09 - Process
Design Capacity: 250 tons per hour