



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 5-1705-00004/00006
Effective Date: 08/01/2014 Expiration Date: 07/31/2024

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

Contact: PETER E ZEH
CALLANAN INDUSTRIES INC
1245 KINGS RD - PO BOX 5097
ALBANY, NY 12212-5097
(518) 374-2222

Facility: CALLANAN INDUSTRIES GRAVEL PIT, PLANT 67
28 HILL ST
GLOVERSVILLE, NY 12078

Description:

The facility will produce asphalt products in one emission unit, the existing 150 ton per hour batch mix asphalt plant (U-BCH01). This application will serve to renew the existing Air State Facility permit, continuing operation under federally enforceable emission limits to cap out of Title V New Source Review, RACT, and PSD programs. Limits are being requested for carbon monoxide (CO), oxides of nitrogen (NOx), particulate matters, sulfur dioxide (SO₂), and volatile organic compounds (VOC). Emissions will be limited to 95.0 tons per year of NOx, 95.0 tons per year of SO₂, 95.0 tons per year of CO, 95.0 tons per year of particulate matter, 47.5 tons per year of VOC. Emissions will be tracked on a monthly basis pursuant to 6NYCRR 201-7.2 and 6NYCRR 212.10(d) to verify the actual emissions on an annual basis. Published emission factors will be used with production and fuel use data to calculate actual emissions, as illustrated in documentation of actual emissions on a twelve month rolling total basis. As such, no limits on hour of operation, throughput, or through production need to be described at the emission unit level. The monitoring, record keeping, and reporting to be implemented in compliance with facility wide emission caps are described in the compliance certifications included in this application.

New York State Department of Environmental Conservation
Facility DEC ID: 5170500004



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: MARC S MIGLIORE
 NYSDEC - WARRENSBURG SUBOFFICE
 232 GOLF COURSE RD
 WARRENSBURG, NY 12885

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

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



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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 5
SUBOFFICE - WARRENSBURG
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road
Warrensburg, NY 12885-1172
(518) 623-1281

New York State Department of Environmental Conservation

Permit ID: 5-1705-00004/00006

Facility DEC ID: 5170500004



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 GRAVEL PIT, PLANT 67
28 HILL ST
GLOVERSVILLE, NY 12078

Authorized Activity By Standard Industrial Classification Code:

2951 - PAVING MIXTURES AND BLOCKS

Permit Effective Date: 08/01/2014

Permit Expiration Date: 07/31/2024



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 215.2: Open Fires - Prohibitions
- 3 6 NYCRR 200.7: Maintenance of Equipment
- 4 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 5 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 6 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 7 6 NYCRR 202-1.1: Required Emissions Tests
- 8 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *9 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *10 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *11 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *12 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *13 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 14 6 NYCRR 202-1.2: Notification
- 15 6 NYCRR 202-1.3: Acceptable procedures
- 16 6 NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 17 6 NYCRR 211.1: Air pollution prohibited
- 18 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications
- 19 6 NYCRR 212.6 (a): Compliance Demonstration
- 20 6 NYCRR 212.12 (a) (1): Compliance Demonstration
- 21 6 NYCRR 212.12 (a) (2): Compliance Demonstration
- 22 6 NYCRR 212.12 (b): Compliance Demonstration
- 23 6 NYCRR 225-1.2: Compliance Demonstration
- 24 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 25 6 NYCRR 225-2.4: Compliance Demonstration
- 26 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions

Emission Unit Level

EU=U-BCH01

- 27 6 NYCRR 200.7: Compliance Demonstration
- 28 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration

EU=U-BCH01,EP=EP001

- 29 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 30 ECL 19-0301: Contaminant List
- 31 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 32 6 NYCRR Subpart 201-5: Emission Unit Definition
- 33 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 34 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 35 6 NYCRR 211.2: Visible Emissions Limited



36 6 NYCRR 217-3.2: Idling of Diesel Trucks Limited

Emission Unit Level

37 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit

38 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.



(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2
Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: Permit Exclusion - ECL 19-0305
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Acceptable Ambient Air Quality



Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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.

Condition 2: Open Fires - Prohibitions

Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 215.2

Item 2.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 2.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit



otherwise be subject to:

6 NYCRR Subpart 201-6

Item 9.2:

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

Item 9.3:

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 9.4:

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 9.5:

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 9.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's PM-10 emissions shall be summed up each month for every 12 month rolling period and shall not exceed 95 tpy. The potential to emit (PTE) PM-10 from exempt, trivial and insignificant sources shall be included, along with the actual PM-10 emissions from permitted sources, in these emissions.

The source owner or operator shall use the most accurate emission factors available (e.g., latest published AP-42 factor, manufacturers guarantee, stack test data, and etc.), for each emission source, to determine compliance with the emission cap.



Should the Department determine that permittee's emission factor(s) is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 30 days to revise its respective records and emission factor(s) in a manner acceptable to the Department.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 10: Capping Monitoring Condition
Effective between the dates of 08/01/2014 and 07/31/2024

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.

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Item 10.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 10.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's NO_x emissions shall be summed up each month for every 12 month rolling period and shall not exceed 95 tpy. The potential to emit (PTE) NO_x from exempt, trivial and insignificant sources shall be included, along with the actual NO_x emissions from permitted sources, in these emissions.

The source owner or operator shall use the most accurate emission factors available (e.g., latest published AP-42 factor, manufacturers guarantee, stack test data, and etc.), for each emission source, to determine compliance with the emission cap.

Should the Department determine that permittee's emission factor(s) is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 30 days to revise its respective records and emission factor(s) in a manner acceptable to the Department.

Compliance with this limit also effectively caps the facility below major source thresholds for CO₂ and CO₂ Equivalents.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 11: Capping Monitoring Condition

Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 11.1:

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

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Facility DEC ID: 5170500004



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 11.2:

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

Item 11.3:

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 11.4:

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 11.5:

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 11.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 11.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's SO₂ emissions shall be summed up each month for every 12 month rolling period and shall not exceed 95 tpy. The potential to emit (PTE) SO₂ from exempt, trivial and insignificant sources shall be included, along with the actual SO₂ emissions from permitted sources, in these emissions.

The source owner or operator shall use the most accurate emission factors available (e.g., latest published AP-42 factor, manufacturers guarantee, stack test data, and



etc.), for each emission source, to determine compliance with the emission cap.

Should the Department determine that permittee's emission factor(s) is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 30 days to revise its respective records and emission factor(s) in a manner acceptable to the Department.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 12: Capping Monitoring Condition
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 12.1:

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 12.2:

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

Item 12.3:

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 12.4:

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 12.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement,

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for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 12.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 12.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's VOC emissions shall be summed up each month for every 12 month rolling period and shall not exceed 47.5 tpy. The potential to emit (PTE) VOC from exempt, trivial and insignificant sources shall be included, along with the actual VOC emissions from permitted sources, in these emissions.

The source owner or operator shall use the most accurate emission factors available (e.g., latest published AP-42 factor, manufacturers guarantee, stack test data, and etc.), for each emission source, to determine compliance with the emission cap.

Should the Department determine that permittee's emission factor(s) is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 30 days to revise its respective records and emission factor(s) in a manner acceptable to the Department.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 13: Capping Monitoring Condition

Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 13.1:

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 13.2:

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

Item 13.3:

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 13.4:

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 13.5:

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 13.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 13.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility's CO emissions shall be summed up each month for every 12 month rolling period and shall not exceed 95 tpy. The potential to emit (PTE) CO from exempt, trivial and insignificant sources shall be included, along with the actual CO emissions from permitted sources, in these emissions.

The source owner or operator shall use the most accurate emission factors available (e.g., latest published AP-42 factor, manufacturers guarantee, stack test data, and etc.), for each emission source, to determine compliance with the emission cap.



Should the Department determine that permittee's emission factor(s) is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 30 days to revise its respective records and emission factor(s) in a manner acceptable to the Department.

Compliance with this limit also effectively caps the facility below major source thresholds for CO₂ and CO₂ Equivalents.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 14: Notification
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 202-1.2

Item 14.1:

A person who is required by the commissioner to submit a stack test report shall notify the commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

Condition 15: Acceptable procedures
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 15.1:

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 16: Acceptable procedures - Stack test report submittal
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 16.1:

Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

Condition 17: Air pollution prohibited
Effective between the dates of 08/01/2014 and 07/31/2024



Applicable Federal Requirement:6 NYCRR 211.1

Item 17.1:

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 18: Emissions from new emission sources and/or modifications
Effective between the dates of 08/01/2014 and 07/31/2024**

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 18.1:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 19: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024**

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 19.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 19.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater 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 daily survey of visible emissions whenever a process is in operation. If any unusual visible emissions are identified, corrective action is required.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated

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with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 20: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 212.12 (a) (1)

Item 20.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A tune-up must be performed on the dryer burner on an annual basis at any hot mix asphalt production plant that is in operation during that calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 21: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 212.12 (a) (2)

Item 21.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 22: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 212.12 (b)

Item 22.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) When the burner is to be replaced, and a low NOx burner is not the unit of choice, the owner or operator of a hot mix asphalt plant must provide the Department with an economic feasibility analysis that justifies their decision. The economic analysis must follow an approach acceptable to the Department.
- (2) By January 1, 2020, all owners or operators of active plants which have not installed a low NOx burner must have submitted an economic feasibility analysis. A low NOx burner must be installed for that operating year in all instances in which it proves feasible.
- (3) Hot mix asphalt production plants which are in a state of inactivity on January 1, 2020, and have not otherwise complied with the requirements of this subdivision by that date must do so prior to continued operation.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement:6 NYCRR 225-1.2

Item 23.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires oil are limited to the firing of



oil with a sulfur content of 1.50 percent sulfur by weight or less through June 30, 2014.

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

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014 and to the firing of distillate oil with a sulfur content of 0.0015 percent sulfur by weight or less on or after July 1, 2016.

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

The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart. Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department upon request. This information must be retained for at least five years.

Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation for each calendar quarter, within 30 days after the end of the quarterly period, in which an exceedance takes place.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 24: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024

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

Item 24.1:

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

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Emission Unit: U-BCH01

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The combustion efficiency while burning waste fuel A shall be at least 99%. The units shall be tested within 60 days of issuance of this permit (Ren 1) or commencement of burning waste fuel A, if not currently being used. Testing shall be conducted in accordance with 6NCYRR Subpart 202.

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: EPA Methods 3 or 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 25: Compliance Demonstration

Effective between the dates of 08/01/2014 and 07/31/2024

Applicable Federal Requirement: 6 NYCRR 225-2.4

Item 25.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Waste Oil may be burned as fuel in the aggregate dryers associated with these emission units subject to the following provisions:

1. Source owner shall comply with all New York State and Federal regulatory requirements concerning the combustion of waste oil.
2. To ensure that the waste oil burned meets the definition of Waste Fuel A, as set forth in paragraph 225-2.2(b)(9) of 6NYCRR 225-2, source owner shall maintain a record of the analyses, certified by the supplier, of all waste oil burned. Each analysis shall include the following parameters:



- a. Concentration of total halogens [in ppm, by weight (water free basis) of fuel];
- b. Concentration of PCBs [in ppm, by weight (water free basis) of fuel];
- c. Concentration of lead [in ppm, by weight (water free basis) of fuel];
- d. Sulfur Content (in % by weight);
- e. Gross Heat Content (in Btu/gallon).

3. The above parameters, for all waste oil burned, shall meet the following criteria:

- a. total halogens content shall not exceed 1,000 ppm;
- b. PCB content shall not exceed 50 ppm;
- c. lead content shall not exceed 250 ppm;
- d. Sulfur content see Part 225-1 for limitation;
- e. heat content shall be at least 125,000 Btu/gallon.

These records shall be kept on site for a period of at least five (5) years.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 26: Applicability of Subpart A General Provisions
Effective between the dates of 08/01/2014 and 07/31/2024**

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 26.1:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

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

**Condition 27: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024**

Applicable Federal Requirement:6 NYCRR 200.7

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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Item 27.2:

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 on site 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 28: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024

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

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 28.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 29: Compliance Demonstration



Effective between the dates of 08/01/2014 and 07/31/2024

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

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Emission Point: EP001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.04 (90 mg/dscm) grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 30: Contaminant List
Effective between the dates of 08/01/2014 and 07/31/2024



Applicable State Requirement:ECL 19-0301

Item 30.1:

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: 0NY210-00-0
Name: OXIDES OF NITROGEN

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

**Condition 31: Malfunctions and start-up/shutdown activities
Effective between the dates of 08/01/2014 and 07/31/2024**

Applicable State Requirement:6 NYCRR 201-1.4

Item 31.1:

(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 32: Emission Unit Definition
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 32.1:

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

Emission Unit: U-BCH01

Emission Unit Description:

The emission unit consists of a batch mix asphalt plant presently permitted to operate at this facility. The emission unit has one emission point, the baghouse exhaust, EP001. Emission sources in this emission unit are the drum dryer (DRM01), the drum heater burner (DHT02), and the baghouse (BH001). The plant will be on line power, and the burner may burn natural gas, #2 fuel oil, #4 fuel oil, or waste fuel A. The emissions include NOx, SO2, CO, particulates, and VOC. A process description is included for the operation of the batch plant on natural gas, #2 fuel oil, #4 fuel oil, or waste fuel A. Operating continuously throughout the year (8760 hours), the batch plant by itself would exceed the title V threshold for CO (carbon monoxide). this plant's operating hours will be limited to maintain emissions below the proposed CO facility limits. Emissions are summarized in the attachments, for use in determining the ERPs for the emission unit emission summary. Burning either oil, waste fuel A, or natural gas, operation of the plant is limited by carbon monoxide emissions.

Condition 33: Renewal deadlines for state facility permits
Effective between the dates of 08/01/2014 and 07/31/2024

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

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Item 33.1:

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 34: Compliance Demonstration
Effective between the dates of 08/01/2014 and 07/31/2024

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

Item 34.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 34.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 5
232 Golf Course Rd.
Warrensburg, NY 12885

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 35: Visible Emissions Limited
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable State Requirement:6 NYCRR 211.2

Item 35.1:

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 36: Idling of Diesel Trucks Limited
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable State Requirement:6 NYCRR 217-3.2

Item 36.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such

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bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

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

Condition 37: Emission Point Definition By Emission Unit
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 37.1:

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

Emission Unit: U-BCH01

Emission Point: EP001

Height (ft.): 18

Diameter (in.): 48

NYTMN (km.): 4765.245 NYTME (km.): 552.923

Condition 38: Process Definition By Emission Unit
Effective between the dates of 08/01/2014 and 07/31/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 38.1:

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

Emission Unit: U-BCH01

Process: BP4

Source Classification Code: 3-05-002-01

Process Description:

Batch mix asphalt production using no. 4 fuel 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 enclosed 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 no. 4 fuel oil, producing predominantly CO, NOx and SO2, and the action of the drum on the aggregates generates particulate matter which is controlled by the baghouse (BH001), exhausting through the stack, emission point EP001.

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DRM01 - Process

Design Capacity: 150 tons per hour

Item 38.2:

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



Emission Unit: U-BCH01
Process: BPA 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 enclosed 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 predominantly CO, NOx and SO2, and the action of the drum on the aggregates generates particulate matter which is controlled by the baghouse (BH001), exhausting through the stack, emission point EP001.

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

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

Item 38.3:

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

Emission Unit: U-BCH01
Process: BPG Source Classification Code: 3-05-002-01

Process Description:
Batch mix asphalt production using natural 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 enclosed 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 NOx, and the action of the drum on the aggregates generates particulate matter which is controlled by the baghouse (BH001), exhausting through the stack, emission point EP001.

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

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

Item 38.4:

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

Emission Unit: U-BCH01



Process: BPO

Source Classification Code: 3-05-002-01

Process Description:

Batch mix asphalt production using no. 2 fuel 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 enclosed 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 no. 2 fuel oil, producing predominantly CO, NOx and SO2, and the action of the drum on the aggregates generates particulate matter which is controlled by the baghouse (BH001), exhausting through the stack, emission point EP001.

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

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

