



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-4846-00007/00017
Mod 0 Effective Date: 08/01/2003 Expiration Date: No expiration date.
Mod 1 Effective Date: 02/11/2008 Expiration Date: No expiration date.

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

Contact: CHARLES A STOKES
CALLANAN INDUSTRIES
1245 KINGS RD
SCHENECTADY, NY 12303
(518) 374-2222

Facility: BRIDGEVILLE QUARRY
158 SULLIVAN RD
BRIDGEVILLE, NY 12701

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

Description:

This permit is for the regulation of air emissions from a 240 ton per hour batch asphalt plant, and a 150 ton per hour batch asphalt plant (both utilizing online power). Also permitted are a 500 ton per hour dry nonmetallic mineral processing plant, and a 175 ton per hour portable processing plant. Both are run by generators. The asphalt plants will be allowed to burn natural gas, propane, No. 4 oil, No.2 oil, and waste fuel A (as defined in 6NYCRR Part 225-2). Bridgeville Quarry also operates a ready mix concrete batch plant that is exempt from permitting. Emissions from this concrete plant are controlled by a baghouse.

The combined emissions from all emission sources at the facility will be limited to 95.0 tons per year each of carbon monoxide (CO), Sulfur Dioxide (SO₂), Oxides of Nitrogen (NO_x), and 47.5 tons per year of Volatile Organic Compounds (VOC). These limits will keep the facility below major source thresholds, and thus the facility will not be subject to the requirements of Title V and 6NYCRR Part 212 NO_x Reasonably Available Control Technology. The facility will track asphalt production and hours of stationary diesel generator operation on a monthly basis, in order to demonstrate compliance with these limits.

Regulations applicable to the facility include 40 CFR 60 Subpart OOO, 40 CFR 60 Subpart



I, and 6NYCRR Parts 200, 201, 211, 212, 225, and 227. The facility is not subject to 6NYCRR Part 231 New Source Review.

Modification 1

Permit modification to account for changes to the stationary aggregate processing plant. This includes addition / replacement / removal of various plant components (i.e. crusher, screens, conveyors) and addition of two electric generators. Facility wide emissions limited under existing 6NYCRR Part 201-7 conditions must account for the reconfigured aggregate processing source as well as additional electric generating units.

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: KENNETH R GRZYB
NYSDEC REGION 3
21 SOUTH PUTT CORNERS RD
NEW PALTZ, NY 12561

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 3
HEADQUARTERS
Submission of application for permit modification or renewal-REGION 3
HEADQUARTERS



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

Condition 2: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 2.1:

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 2.2:

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 2.3:

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 1: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 1.1:

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 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 1-1.1:

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

Item 1-1.2:

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

Item 1-1.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

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 1-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 1-2.1:

The Department reserves the right 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.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right 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 Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

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

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

Condition 1-3: Submission of application for permit modification or renewal-REGION 3

HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 1-3.1:

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

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



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

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

Facility: BRIDGEVILLE QUARRY
158 SULLIVAN RD
BRIDGEVILLE, NY 12701

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

Mod 0 Permit Effective Date: 08/01/2003
date.

Permit Expiration Date: No expiration

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Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS
Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6NYCRR 200.7: Maintenance of Equipment
- 1-2 6NYCRR 201-7: Facility Permissible Emissions
- *1-3 6NYCRR 201-7: Capping Monitoring Condition
- 1-4 6NYCRR 212.9(e): Compliance Demonstration
- 1-5 6NYCRR 212.11: Compliance Demonstration
- 1-6 6NYCRR 225-1.2(d): Compliance Demonstration
- 1-7 6NYCRR 225-2.3(b)(3): Compliance Demonstration
- 1-8 6NYCRR 225-2.6: Compliance Demonstration
- 1-9 6NYCRR 225-2.7: Compliance Demonstration
- 1-10 6NYCRR 227-1.3: Compliance Demonstration
- 1-11 40CFR 60.92(a), NSPS Subpart I: Compliance Demonstration
- 1-12 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 1-13 40CFR 60.672(c), NSPS Subpart OOO: Compliance Demonstration
- 1-14 40CFR 60.676, NSPS Subpart OOO: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 19 ECL 19-0301: Contaminant List
- 20 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 21 6NYCRR 201-5: Emission Unit Definition
- 23 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 24 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 25 6NYCRR 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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR 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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 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 Part 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 Part 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 Part 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 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item L: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item M: 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 N: 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 1-1: Maintenance of Equipment
Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 200.7

Item 1-1.1:

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 1-2: Facility Permissible Emissions
Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7

Item 1-2.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

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

Condition 1-3: Capping Monitoring Condition
Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7

Item 1-3.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:



6NYCRR 201-6

Item 1-3.2:

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

Item 1-3.3:

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

Item 1-3.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 1-3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5	SULFUR DIOXIDE
CAS No: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 0NY998-00-0	VOC
CAS No: 000630-08-0	CARBON MONOXIDE

Item 1-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall comply with the following:

1. Emissions (in tons per consecutive 12 month period)
shall not exceed limits for the following
pollutants:

CO: 95.0
NOx: 95.0
SO2: 95.0
VOC: 47.5



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

a) For asphalt batch mix plants when burning oil of any kind:

CO: 0.4

NO_x: 0.12

SO₂: 0.088

VOC: 0.0082 for no. 2 or 4 oil and 0.036 for waste oil

b) For asphalt batch mix plants when burning natural gas/propane:

CO: 0.4

NO_x: 0.025

SO₂: 0.0046

VOC: 0.0082

The units for these values are pounds emitted per ton of asphalt produced and are based on USEPA AP-42 factors.

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

CO: 0.0055

NO_x: 0.024

SO₂: 0.00809(S) where S=% weight sulfur content

The units for these values are pounds emitted per horsepower hour of generator operation and are based on USEPA AP-42 factors.

Compliance shall be demonstrated utilizing the mathematical relationship stated below;

a) Tons hot mix asphalt x 0.0082 (0.036 for waste oil) < 47.5 tons VOC annual maximum rolled monthly

b) [Generator 1 hours x 6.3 lb CO per hour + Generator 2 hours x 7.4 lb CO per hour + Generator 3 hours x 5.2 lb CO per hour] + [tons of hot mix asphalt x 0.4 lb CO per ton of hot mix] < 95 tons CO annual maximum rolled monthly

c) [Generator 1 hours x 27.4 lb NO_x per hour + Generator 2 hours x 32.4 lb NO_x per hour + Generator 3 hours x 22.5 lb NO_x per hour] + [tons of hot mix asphalt x 0.12 lb NO_x per ton of hot mix (0.025 for natural gas/propane)] < 95 tons



NOx annual maximum rolled monthly

d) [Generator 1 hours x 5.5 lb SO₂ per hour + Generator 2 hours x 6.5 lb SO₂ per hour + Generator 3 hours x 4.5 lb SO₂ per hour] + [tons of hot mix asphalt x 0.088 lb SO₂ per ton of hot mix (0.0046 for natural gas/propane)] < 95 tons
SO₂ annual maximum rolled monthly

3. Monthly records of asphalt production and hours of generator operation shall be maintained. The generator shall be equipped with an hour meter to track hours of operation.

4. Concrete batch plant shall be equipped with a filter baghouse and maintained in accordance with manufacturer specification and good engineering practice. Maintenance records shall be made available to NYSDEC upon request to verify status as an exempt source.

Facility shall also employ dust suppression techniques during periods of operation as appropriate.

For each calendar year, the responsible official for the facility shall provide a certification to the Department that the facility has operated within the emission limits stated above. This certification shall include the calculated emissions, the asphalt production, and generator operating time for the year, and also include a comparison of the emissions to the limits. The certification must be submitted to the NYS DEC Region 3 office by January 30th every year.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-4: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.9(e)

Item 1-4.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH01

Emission Point: EP001

Emission Unit: U-BCH02

Emission Point: EP002



Item 1-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This limit applies to the Batch Mix Asphalt Plant.

The permissible emission rate for solid particulates is 0.030 grains/dscf under 6NYCRR 212.9(e).

The Department reserves the right to request performance testing to verify compliance. Standard testing procedures (EPA Method 5) shall be followed.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.030 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-5: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.11

Item 1-5.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH01

Emission Unit: U-BCH02

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility shall maintain and operate a magnehelic gauge (or equivalent) to measure pressure differential of the batch mix asphalt baghouses. The operator will also ensure that the pressure differential remains between 0.5 and 10 inches of water. Maintenance and or replacement of filter media shall be conducted in accordance with good engineering practice and manufacturer specifications.

Facility shall monitor operations by recording pressure differential readings weekly. Records shall be maintained



by the facility for five years and made available to the Department upon request.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 0.5 inches of water

Upper Permit Limit: 10 inches of water

Monitoring Frequency: WEEKLY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-6: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

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

Item 1-6.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH02

Process: B2A

Emission Unit: U-BCH02

Process: B2O

Emission Unit: U-AG002

Process: GEN

Emission Unit: U-AG001

Process: DIS

Emission Unit: U-BCH01

Process: B14

Emission Unit: U-BCH01

Process: B1A

Emission Unit: U-BCH01

Process: B1G

Emission Unit: U-BCH01

Process: B1O

Emission Unit: U-BCH02

Process: B24

Emission Unit: U-BCH02

Process: B2G

Emission Unit: U-BCH01

Process: B1P



Emission Unit: U-BCH02

Process: B2P

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Bridgeville quarry shall not use, purchase, sell, or offer for sale any residual, distillate or waste oil A which has a sulfur content greater than the limit presented below. A log of the sulfur in fuel content per delivery shall be maintained on site for a minimum of five years and be made available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.6 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-7: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

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

Replaces Condition(s) 4

Item 1-7.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH02

Process: B2A

Emission Point: EP002

Emission Source: BH002

Emission Unit: U-BCH01

Process: B1A

Emission Point: EP001

Emission Source: BH001

Item 1-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Within 180 days of the first delivery of waste fuel A to each emission unit at the facility, the hot mix asphalt burner specific to that unit shall undergo performance testing to demonstrate a combustion efficiency of at least



99 percent. Combustion efficiency shall be measured by the relative concentration of CO₂ and CO in the flue gas in accordance with EPA Method 3A and 10 pursuant to 6 NYCRR 225-2.

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: METHODS 3A AND 10

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-8: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.6

Replaces Condition(s) 5

Item 1-8.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH02

Emission Unit: U-BCH01

Item 1-8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Waste fuel A must meet the definition specified in 6NYCRR Part 225-2.2(b)(9). Blending of waste fuel A with other fuel oils may not be performed. Waste fuel A must be stored separately. Recordkeeping requirements for waste fuel A are specified in conditions contained elsewhere in this permit.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-9: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.7



Replaces Condition(s) 6

Item 1-9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-BCH02
Process: B2A

Emission Point: EP002
Emission Source: DRM02

Emission Unit: U-BCH01
Process: B1A

Emission Point: EP001
Emission Source: DRM01

Item 1-9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Waste fuel A may be burned as fuel in the aggregate dryers associated with 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 shall not exceed 0.6% by weight;
 - 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 to be submitted annually to the



Department by Jan 30th.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2009.
Subsequent reports are due every 12 calendar month(s).

Condition 1-10: Compliance Demonstration
Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Replaces Condition(s) 12

Item 1-10.1:

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

Emission Unit: U-AG001 Emission Point: 400G1

Emission Unit: U-AG001 Emission Point: 400G3

Emission Unit: U-AG002 Emission Point: EP004

Regulated Contaminant(s):
CAS No: 000000-00-0 PARTICULATES

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-11: Compliance Demonstration
Effective between the dates of 02/11/2008 and Permit Expiration Date

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

Item 1-11.1:



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

Emission Unit: U-BCH02

Emission Point: EP002

Emission Unit: U-BCH01

Emission Point: EP001

Item 1-11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

1. Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf). However, a more stringent limit of 0.030 grains/dscf shall apply as defined by permit condition under 6NYCRR 212.9(e).

2. Exhibit 20 percent opacity or greater.

The Department reserves the right to request the facility conduct performance testing to verify compliance with the stipulated limits.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 20 percent

Reference Test Method: Method 5, Method 9

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 1-12: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

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

Item 1-12.1:

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

Emission Unit: U-AG001

Process: CV1

Emission Source: CONVE

Emission Unit: U-AG001

Process: CV1

Emission Source: SCREE

Emission Unit: U-AG002

Process: CV2

Emission Source: CNV31



Emission Unit: U-AG002

Process: CV2

Emission Source: SCR30

Item 1-12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

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

(i) There are no individual readings greater than 10 percent opacity; and

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

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-13: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

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

Item 1-13.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-AG001

Process: CV1

Emission Source: CRUSH

Emission Unit: U-AG002

Process: CV2

Emission Source: CR030



Item 1-13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator shall cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15 percent opacity.

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

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

- (i) There are no individual readings greater than 15 percent opacity; and
- (ii) There are no more than 3 readings of 15 percent for the 1-hour period.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-14: Compliance Demonstration

Effective between the dates of 02/11/2008 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.676, NSPS Subpart OOO

Item 1-14.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-AG001

Emission Unit: U-AG002

Item 1-14.2:

Compliance Demonstration shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

1. For a crusher - Rated capacity (tph) of the existing and replacement equipment
2. For a screening operation - Existing and replacement top screen surface area
3. For a conveyor belt - Existing and replacement belt width

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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 19: Contaminant List

Effective between the dates of 08/01/2003 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 19.1:

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: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Condition 20: Unavoidable noncompliance and violations

Effective between the dates of 08/01/2003 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-1.4

Item 20.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment 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 commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard



in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 21: Emission Unit Definition

Effective between the dates of 08/01/2003 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR 201-5

Item 21.1(From Mod 1):

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

Emission Unit: U-AG001

Emission Unit Description:

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

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

Item 21.2(From Mod 1):

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

Emission Unit: U-AG002



Emission Unit Description:

This emission unit is a 175 ton per hour portable aggregate processing plant consisting of a crusher (CRO30), screens (SCR30), and conveyors (CNV31) with associated hoppers, and a generator (GEN02). There is one emission point associated with this unit (EP004). Emissions from this unit consist of fugitive emissions from the crushers, screens, and conveyors as well as from the generator. A water spray system is used to control fugitive dust emissions.

Item 21.3(From Mod 1):

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

Item 21.4(From Mod 1):

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

Emission Unit: U-BCH02

Emission Unit Description:

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

Condition 23: Air pollution prohibited

Effective between the dates of 08/01/2003 and Permit Expiration Date

Applicable State Requirement:6NYCRR 211.2

Item 23.1:

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.

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



Condition 24: Emission Point Definition By Emission Unit
Effective between the dates of 08/01/2003 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 24.1(From Mod 1):

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

Emission Unit: U-AG001

Emission Point: 400G1

Height (ft.): 10

Diameter (in.): 8

NYTMN (km.): 4606.878 NYTME (km.): 530.995

Emission Point: 400G3

Height (ft.): 10

Diameter (in.): 10

NYTMN (km.): 4606.878 NYTME (km.): 530.995

Item 24.2(From Mod 1):

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

Emission Unit: U-AG002

Emission Point: EP004

Height (ft.): 10

Diameter (in.): 10

NYTMN (km.): 4608.275 NYTME (km.): 531.835

Item 24.3(From Mod 1):

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

Emission Unit: U-BCH01

Emission Point: EP001

Height (ft.): 30

Length (in.): 32

Width (in.): 32

NYTMN (km.): 4608.308 NYTME (km.): 532.14

Item 24.4(From Mod 1):

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

Emission Unit: U-BCH02

Emission Point: EP002

Height (ft.): 38

Length (in.): 52

Width (in.): 37

NYTMN (km.): 4608.26 NYTME (km.): 532.081

Condition 25: Process Definition By Emission Unit

Effective between the dates of 08/01/2003 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 25.1(From Mod 1):

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



Emission Unit: U-AG001

Process: CV1

Source Classification Code: 3-05-020-06

Process Description:

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

Emission Source/Control: WSPRY - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CONVE - Process

Emission Source/Control: CRUSH - Process

Design Capacity: 500 tons per hour

Emission Source/Control: SCREE - Process

Item 25.2(From Mod 1):

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

Emission Unit: U-AG001

Process: DIS

Process Description:

Diesel fuel used to operate electric generating sources.

Emission Source/Control: GEN01 - Combustion

Design Capacity: 1,141 horsepower (mechanical)

Emission Source/Control: GEN03 - Combustion

Design Capacity: 935 horsepower (mechanical)

Item 25.3(From Mod 1):

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

Emission Unit: U-AG002

Process: CV2

Source Classification Code: 3-05-020-06

Process Description:

Mined mineral processing within a portable aggregate plant consisting of crushers, screens and conveyors. Process is the sizing and crushing of gravel at a nominal rate of 175 tons per hour.

Emission Source/Control: WSP20 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: CNV31 - Process

Emission Source/Control: CR030 - Process

Design Capacity: 175 tons per hour



Emission Source/Control: SCR30 - Process

Item 25.4(From Mod 1):

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

Emission Unit: U-AG002

Process: GEN

Source Classification Code: 2-02-004-01

Process Description:

Diesel fuel used to operate electric generating sources.

Emission Source/Control: GEN02 - Combustion

Design Capacity: 1,324 horsepower (electric)

Item 25.5(From Mod 1):

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 No. 4 oil in the Drum Burner.

Emission Source/Control: DHT01 - Process

Design Capacity: 70 million Btu per hour

Emission Source/Control: DRM01 - Process

Design Capacity: 150 tons per hour

Item 25.6(From Mod 1):

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.

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT01 - Process

Design Capacity: 70 million Btu per hour

Emission Source/Control: DRM01 - Process

Design Capacity: 150 tons per hour

Item 25.7(From Mod 1):

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 natural gas in the
Drum Burner.

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

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

Item 25.8(From Mod 1):

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 No. 2 oil in the Drum
Burner.

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

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

Item 25.9(From Mod 1):

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

Emission Unit: U-BCH01
Process: B1P
Process Description:
Batch mix asphalt production using propane in the Drum
Burner.

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

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

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

Item 25.10(From Mod 1):

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

Emission Unit: U-BCH02
Process: B24 Source Classification Code: 3-05-002-01
Process Description:
Batch mix asphalt production using No. 4 oil in the Drum
Burner.

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



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

Item 25.11(From Mod 1):

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

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

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

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

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

Item 25.12(From Mod 1):

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

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

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

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

Item 25.13(From Mod 1):

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

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

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

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

Item 25.14(From Mod 1):



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

Emission Unit: U-BCH02

Process: B2P

Process Description:

Batch mix asphalt production using propane in the Drum
Burner.

Emission Source/Control: BH002 - Control

Control Type: FABRIC FILTER

Emission Source/Control: DHT02 - Process

Design Capacity: 96.8 million Btu per hour

Emission Source/Control: DRM02 - Process

Design Capacity: 240 tons per hour

