



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-3342-00118/00011
Effective Date: 01/16/2002 Expiration Date: No expiration date

Permit Issued To: TILCON NEW YORK INC
162 OLD MILL RD
WEST NYACK, NY 10994

Contact: MARK A CLEMENTE
CALLANAN INDUSTRIES INC
1245 KINGS ROAD
ALBANY, NY 12212
(518) 374-2222

Facility: MAYBROOK ASPHALT PLANT
NEELYTOWN RD
MAYBROOK, NY 12543

Contact: MARK A CLEMENTE
CALLANAN INDUSTRIES INC
1245 KINGS ROAD
ALBANY, NY 12212
(518) 374-2222

Description:
THE CALLANAN INDUSTRIES MAYBROOK ASHALT FACILITY IS LOCATED IN MAYBROOK, NEW YORK AND CONSISTS OF AN EXISTING BATCH HOT MIX ASPHALT PLANT AND AGGREGATE PROCESSING OPERATION. THE FACILITY IS DESCRIBED BY TWO EMISSION UNITS: THE EXISTING 300 TON PER HOUR BATCH MIX ASPHALT PLANT (U-BCH01), AND EXISTING 200 TON PER HOUR FIXED AGGREGATE PROCESSING PLANT (U-AG001).

FACILITY EMISSIONS ARE LIMITED BELOW MAJOR STATIONARY SOURCE THRESHOLDS. SPECIFICALLY, THE COMBINED EMISSIONS FROM THE TWO EMISSION UNITS WILL BE LIMITED TO 95 TONS PER YEAR EACH FOR OXIDES OF NITROGEN (NOX), CARBON MONOXIDE (CO), SULFUR DIOXIDE (SO₂) AND PARTICULATE MATTER, AND 47.5 TONS PER YEAR OF VOLATILE ORGANIC COMPOUNDS (VOCs). PRODUCTION WILL BE SHIFTED BETWEEN THE TWO OPERATIONS AS NECESSARY TO REMAIN BELOW THE ANNUAL LIMITS. EMISSIONS WILL BE TRACKED ON A MONTHLY BASIS IN ACCORDANCE WITH PERMIT CONDITIONS UNDER 6NYCRR 201-7.2.

THE FACILITY IS SUBJECT TO NEW SOURCE PERFORMANCE STANDARDS 40 CFR PART 60 SUBPART I (STANDARDS OF PERFORMANCE FOR HOT MIX ASPHALT PLANTS), 40 CFR PART 60 SUBPART OOO (STANDARDS OF PERFORMANCE FOR NONMETALLIC MINERAL PROCESSING PLANTS), 6NYCRR PART 212, 6NYCRR PART 225, AND 6NYCRR PART 227.



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: ROBERT J STANTON
 NYS DEC DIVISION OF AIR RESOURCES
 21 SOUTH PUTT CORNERS RD
 NEW PALTZ, NY 12561-1696

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department
Relationship of this Permit to Other Department Orders and
Determinations
Applications for Permit Renewals and Modifications
Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 3
HEADQUARTERS



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

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

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

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.

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. The grounds for



modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

****** 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

New York State Department of Environmental Conservation

Permit ID: 3-3342-00118/00011

Facility DEC ID: 3334200118



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: TILCON NEW YORK INC
162 OLD MILL RD
WEST NYACK, NY 10994

Facility: MAYBROOK ASPHALT PLANT
NEELYTOWN RD
MAYBROOK, NY 12543

Authorized Activity By Standard Industrial Classification Code:
2951 - PAVING MIXTURES AND BLOCKS

Permit Effective Date: 01/16/2002

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

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Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 201-1.2: Unpermitted Emission Sources
- 4 6NYCRR 201-1.5: Emergency Defense
- 5 6NYCRR 201-1.7: Recycling and Salvage
- 6 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 7 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 8 6NYCRR 201-3.2(a): Proof of Eligibility
- 9 6NYCRR 201-3.3(a): Proof of Eligibility
- 10 6NYCRR 201-7.2: Synthetic minor facility capping provisions.
- 11 6NYCRR 201-7.2: Facility Permissible Emissions
- *12 6NYCRR 201-7.2: Compliance Demonstration
- *13 6NYCRR 201-7.2: Compliance Demonstration
- *14 6NYCRR 201-7.2: Compliance Demonstration
- *15 6NYCRR 201-7.2: Compliance Demonstration
- *16 6NYCRR 201-7.2: Compliance Demonstration
- 17 6NYCRR 202-1.1: Required emissions tests
- 18 6NYCRR 211.3: Visible emissions limited.
- 19 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 20 6NYCRR 225-1.8(a): Compliance Demonstration
- 21 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 22 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.

Emission Unit Level

EU=U-AG001

- 23 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 24 40CFR 60.675, NSPS Subpart OOO: Test methods and procedures.

EU=U-AG001,Proc=CR2

- 25 40CFR 60.672(c), NSPS Subpart OOO: Compliance Demonstration

EU=U-AG001,Proc=CR3

- 26 40CFR 60.672(c), NSPS Subpart OOO: Compliance Demonstration

EU=U-BCH01



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

EU=U-BCH01,Proc=BPA

- 29 6NYCRR 225-2.3(b): Compliance Demonstration
- 30 6NYCRR 225-2.7: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 31 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 32 6NYCRR 201-5: General Provisions
- 33 6NYCRR 201-5: Permit Exclusion Provisions
- 34 6NYCRR 201-5: Emission Unit Definition
- 35 6NYCRR 201-5.3(b): Contaminant List
- 36 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 37 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 38 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 200.5

Item 1.1:

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 200.6

Item 2.1:

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 3: Unpermitted Emission Sources
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-1.2

Item 3.1:

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.

Condition 4: Emergency Defense
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-1.5

Item 4.1:

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.

Condition 5: Recycling and Salvage
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-1.7

Item 5.1:

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.

Condition 6: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-1.8

Item 6.1:



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.

Condition 7: Public Access to Recordkeeping
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-1.10(a)

Item 7.1:

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.

Condition 8: Proof of Eligibility
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-3.2(a)

Item 8.1:

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.

Condition 9: Proof of Eligibility
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-3.3(a)

Item 9.1:

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.

Condition 10: Synthetic minor facility capping provisions.
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 10.1:



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

Item 10.2:

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 10.3:

On an annual basis, 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 those threshold levels that would require the submission of an application for a Title V facility permit, or compliance with an applicable requirement.

Item 10.4:

The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of Part 201 and of the Act.

**Condition 11: Facility Permissible Emissions
Effective between the dates of 01/16/2002 and Permit Expiration Date**

Applicable Federal Requirement:6NYCRR 201-7.2

Item 11.1:

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

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

CAS No: 000630-08-0 Name: CARBON MONOXIDE	PTE: 190,000 pounds per year
CAS No: 007446-09-5 Name: SULFUR DIOXIDE	PTE: 190,000 pounds per year
CAS No: 0NY075-00-5 Name: PM-10	PTE: 190,000 pounds per year
CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN	PTE: 190,000 pounds per year
CAS No: 0NY998-00-0 Name: VOC	PTE: 95,000 pounds per year

**Condition 12: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date**



0.088 lbs SO₂ per ton HMA (ton of HMA U-BCH01(oil/wf)) +
0.005 lbs SO₂ per ton HMA (ton of HMA U-BCH01(gas)) < or
= to 85 tons.

SO₂ emissions will be tracked on a 12 month rolling total
basis.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 02/14/2003 for the period 01/16/2002 through 01/15/2003

Condition 14: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Carbon Monoxide (CO) emissions from both emission units
will be limited to 95 tons per year. The facility shall
utilize the following mathematical relationship to
determine compliance.

0.4 lbs CO per ton HMA (ton of HMA U-BCH01(oil/wf/gas) <
or = to 95 tons.

CO emissions will be tracked on a 12 month rolling total
basis.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 02/14/2003 for the period 01/16/2002 through 01/15/2003

Condition 15: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.



Regulated Contaminant(s):

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

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Particulate emissions from both emission units will be limited to 95 tons per year. The facility shall utilize the following mathematical relationship to determine compliance.

$0.027 \text{ lbs PM}_{10} \text{ per ton HMA (ton of HMA U-BCH01(oil/wf/gas))} + 0.0026 \text{ lbs PM}_{10} \text{ per ton Aggregate (ton of Aggregate U-AG001)} < \text{ or } = \text{ to } 95 \text{ tons.}$

Particulate emissions will be tracked on a 12 month rolling total basis.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 02/14/2003 for the period 01/16/2002 through 01/15/2003

Condition 16: Compliance Demonstration

Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Oxides of Nitrogen (NO_x) emissions from both emission units will be limited to 95 tons per year. The facility shall utilize the following mathematical relationship to determine compliance.

$0.12 \text{ lbs NO}_x \text{ per ton HMA (ton of HMA U-BCH01(oil))} + 0.025 \text{ lbs NO}_x \text{ per ton HMA (ton of HMA U-BCH01(gas))} < \text{ or } = \text{ to } 95 \text{ tons.}$



NOx emissions will be tracked on a 12 month rolling total basis.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 02/14/2003 for the period 01/16/2002 through 01/15/2003

Condition 17: Required emissions tests
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 202-1.1

Item 17.1:

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.

Condition 18: Visible emissions limited.
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 211.3

Item 18.1:

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 19: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 215

Item 19.1:

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.

Condition 20: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-1.8(a)

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:

Sulfur content of fuel oils and Waste Fuel A is limited to 0.6 percent by weight to insure compliance with the facility wide limit of SO₂ emissions. Callanan shall retain fuel oil supplier certifications for each supplier. Such certifications shall contain as a minimum: supplier name, date until certification is valid, and a statement indicating that the oil sulfur content is less than the upper limit. Such certifications must be retained by Callanan for five calendar years, kept on site and furnished to the Department upon request.

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 21: Performance testing timeline.
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.8(a), NSPS Subpart A

Item 21.1:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 22: Opacity standard compliance testing.
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 22.1:

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

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

Condition 23: Compliance Demonstration



Effective between the dates of 01/16/2002 and Permit Expiration Date

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

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG001

Item 23.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under 40 CFR Part 60.11, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity, except as provided in paragraphs 40 CFR Part 60.672(c), (d), and (e) of this section.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 24: Test methods and procedures.

Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.675, NSPS Subpart OOO

Item 24.1:

This Condition applies to Emission Unit: U-AG001

Item 24.2:

The owner or operator shall determine initial compliance using the test methods and procedures as required in section 40 CFR 60-000.675 and 40 CFR 60 Appendix A.

Condition 25: Compliance Demonstration

Effective between the dates of 01/16/2002 and Permit Expiration Date

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

Item 25.1:



The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG001
Process: CR2

Item 25.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under 40 CFR Part 60.11, 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 percent

Reference Test Method: Method 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Compliance Demonstration

Effective between the dates of 01/16/2002 and Permit Expiration Date

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

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-AG001
Process: CR3

Item 26.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under 40 CFR Part 60.11, 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.



Parameter Monitored: OPACITY
Upper Permit Limit: 15 percent
Reference Test Method: Method 9
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 27: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 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

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
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 28: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.92, NSPS Subpart I

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Item 28.2:

Compliance Demonstration shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility completed a performance test in October 1990 to demonstrate compliance with the opacity and particulate standard required by 40 CFR Part 60 Subpart I. The stack test report and compliance was accepted by DEC letter dated March 19, 1991.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 29: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date

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

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01
Process: BPA

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

WITHIN 60 DAYS OF THE FIRST DELIVERY OF WASTE FUEL A TO THE FACILITY, EACH BURNER BURNING WASTE OIL WILL BE PERFORMANCE TESTED TO DEMONSTRATE A COMBUSTION EFFICIENCY OF 99%. COMBUSTION EFFICIENCY WILL BE MEASURED BY THE REALTIVE CONCENTRATION OF CO₂ AND CO IN THE FLUE GAS. TESTING WILL BE CONDUCTED IN ACCORDANCE WITH 6NYCRR PARTS 202-1 AND 225-2.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: Method 3A

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 30: Compliance Demonstration
Effective between the dates of 01/16/2002 and Permit Expiration Date



Applicable Federal Requirement: 6NYCRR 225-2.7

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Process: BPA

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must maintain analytical sampling results for waste fuel received and burned in accordance with 6NYCRR Part 225-2. The following parameters and allowable limits apply:

Polychlorinated Biphenyls (PCB)	< 50 ppm
Total Halogen	1,000 ppm maximum
Sulfur	0.6 % by weight
Lead	250 ppm maximum
Heat Content	125,000 BTU/gal minimum

Sampling shall be conducted per 7,000 gallon delivery.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 31: Unavoidable noncompliance and violations
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-1.4

Item 31.1:

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 superceded 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 32: General Provisions
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 32.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 32.2:

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.

Item 32.3:

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.

Condition 33: Permit Exclusion Provisions
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 33.1:

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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 by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the



Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 34: Emission Unit Definition
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 34.1:

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

Emission Unit: U-AG001

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF AN EXISTING 200 TON PER HOUR FIXED AGGREGATE PROCESSING PLANT WITH A SERIES OF CRUSHERS, SCREENS AND CONVEYORS PRODUCING SEVERAL GRADES OF CRUSHED STONE PRODUCTS. A WATER SPRAY SYSTEM IS USED TO CONTROL FUGITIVE DUST EMISSIONS AT DROP POINTS WHERE THE MOVEMENT OF FINE MATERIAL MAKES CONTROL NECESSARY. THIS INCLUDES CRUSHER DISCHARGE DROPS AND DROPS ONTO SOME OF THE SCREENS AND CONVEYORS. THE LATER PORTION OF THE PROCESSING UNIT IS A WET WASH PROCESS WHICH OPERATES ENTIRELY IN WATER THEREBY RESULTING IN NO FUGITIVE EMISSIONS. THE PROCESS FOR THIS EMISSION UNIT ARE DEFINED AS FOLLOWS: PROCESS:

SECONDARY CRUSHERS (PROCESS ID CR2)
TERTIARY CRUSHERS (PROCESS ID CR3)
SCREENING (PROCESS ID SC1)
CONVEYORS (PROCESS ID CV1)
AGGREGATE WASH SYSTEM (PROCESS ID WSH).

Item 34.2:

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 300 TON PER HOUR BATCH MIX ASPHALT PLANT PRESENTLY PERMITTED TO OPERATE AT THIS FACILITY. THIS EMISSION UNIT HAS ONE EMISSION POINT, THE BAGHOUSE EXHAUST, EP10001. EMISSION



SOURCES IN THIS EMISSION UNIT ARE THE DRUM (DRM01), THE DRUM HEATER BURNER (DHT01), AND THE BAGHOUSE (BH001). THE BATCH PLANT WILL BE ON LINE POWER, AND THE BURNER WILL COMBUST NATURAL GAS, NO. 3 OR 4 OIL OR WASTE FUEL A. THE EMISSIONS INCLUDE NOX, SO₂, CO, PARTICULATES AND VOC.

Condition 35: Contaminant List
Effective between the dates of 01/16/2002 and Permit Expiration Date

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

Item 35.1:

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: 0NY075-00-5
Name: PM-10

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

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

Condition 36: Air pollution prohibited
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 211.2

Item 36.1:

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 37: Emission Point Definition By Emission Unit
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 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: 10001

Height (ft.): 34

Diameter (in.): 54

NYTMN (km.): 4595.

NYTME (km.): 565.5

Condition 38: Process Definition By Emission Unit
Effective between the dates of 01/16/2002 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 38.1:

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

Emission Unit: U-AG001

Process: CR2

Source Classification Code: 3-05-020-02

Process Description:

OPERATION OF THE SECONDARY CRUSHER,
RECEIVING 50% OF THE PLANT THROUGHPUT. THE
PROCESS MATERIAL IS WETTED WITH SPRAY BARS
ON THE FEED CONVEYOR. THE SECONDARY
CRUSHER RECEIVES THE OVERSIZED MATERIAL OFF
THE 5 X 16 SCALPING SCREEN. ONCE CRUSHED,
THIS MATERIAL RECIRCULATES BACK TO THE
SCALPING SCREEN.

Emission Source/Control: CNV01 - Process

Design Capacity: 200 tons per hour

Emission Source/Control: CR001 - 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-AG001

Process: CR3

Source Classification Code: 3-05-020-03

Process Description:

OPERATION OF THE TERTIARY CRUSHERS EACH
RECEIVING 25% OF THE PLANT THROUGHOUT. THE
PROCESS MATERIAL IS WETTED WITH SPRAY BARS
ON THE FEED CONVEYOR. THE TERTIARY
CRUSHERS RECEIVE STONE FROM ONE OF THE
DECKS OF THE 6 X 20 TRIPLE DECK SCREENS.



ONCE CRUSHED, THIS MATERIAL RECIRCULATES
BACK ONTO THE TRIPLE DECK SCREEN.

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

Emission Source/Control: CNV01 - Process
Design Capacity: 200 tons per hour

Emission Source/Control: CR002 - Process

Emission Source/Control: CR003 - Process
Design Capacity: 50 tons per hour

Item 38.3:

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:

OPERATION OF ALL FIXED AGGREGATE PLANT
CONVEYORS. FOR THE PURPOSE OF CALCULATING
EMISSIONS, IT IS ASSUMED THAT ALL CONVEYORS
RECEIVE 100% OF PLANT THROUGHPUT, AND ALL
DROP POINTS ARE CONTROLLED DIRECTLY WITH
SPRAY BARS, OR INDIRECTLY FROM MOISTURE
RETENTION AT PRIOR CONTROL POINTS.

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

Emission Source/Control: CR001 - Process
Design Capacity: 150 tons per hour

Emission Source/Control: CR002 - Process

Emission Source/Control: CR003 - Process
Design Capacity: 50 tons per hour

Emission Source/Control: SCR01 - Process
Design Capacity: 200 tons per hour

Emission Source/Control: SCR02 - Process
Design Capacity: 200 tons per hour

Item 38.4:

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

Emission Unit: U-AG001

Process: SC1

Source Classification Code: 3-05-020-03

Process Description:

OPERATION OF TWO SCREEN UNITS TO SEPARATE
AGGREGATES BY SIZE. THE INITIAL SCREEN IS



A SCALPING SCREEN THAT RECEIVES 100% OF PLANT THROUGHPUT. THE OVERSIZED STONE LEAVING THIS SCREEN GOES TO THE SECONDARY CRUSHER.

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

Emission Source/Control: CNV01 - Process
Design Capacity: 200 tons per hour

Emission Source/Control: SCR01 - Process
Design Capacity: 200 tons per hour

Emission Source/Control: SCR02 - Process
Design Capacity: 200 tons per hour

Item 38.5:

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

Emission Unit: U-AG001

Process: WSH

Process Description:

THIS PROCESS DOES NOT PRODUCE REGULATED AIR EMISSIONS. IT IS DESCRIBED HERE TO ILLUSTRATE OPERATION OF THE EMISSION UNIT. AGGREGATE MATERIAL IS WASHED AND SORTED IN A SATURATED CONDITION. THE EQUIPMENT IN THIS PROCESS ARE NOT AIR SOURCES AND ARE NOT REGULATED UNDER PART 200. THE PROCESS IS SUBJECT TO NSPS 40 CFR 60.672 (h) (1), WHICH PROHIBITS VISIBLE EMISSIONS FROM WET SCREENING OPERATIONS.

Emission Source/Control: CNV01 - Process
Design Capacity: 200 tons per hour

Item 38.6:

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

Emission Unit: U-BCH01

Process: BP2

Source Classification Code: 3-05-002-01

Process Description:

BATCH MIX ASPHALT PRODUCTION USING NO. 2 OIL IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES AND HEATS THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL WHERE ASPHALTIC CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NO. 2



OIL, PRODUCING NOX, VOC, SO2 AND CO AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), EXHAUSTING THROUGH EP10001.

Emission Source/Control: DHT01 - Combustion
Design Capacity: 150 million Btu per hour

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

Emission Source/Control: DRM01 - Process
Design Capacity: 300 tons per hour

Item 38.7:

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 OIL IN THE DRUM BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES AND HEATS THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL WHERE ASPHALTIC CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NO. 4 OIL, PRODUCING NOX, VOC, SO2 AND CO AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), EXHAUSTING THROUGH EP10001.

Emission Source/Control: DHT01 - Combustion
Design Capacity: 150 million Btu per hour

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

Emission Source/Control: DRM01 - Process
Design Capacity: 300 tons per hour

Item 38.8:

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 HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL WHERE ASPHALTIC CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS WASTE FUEL A PRODUCING PREDOMINATELY CO AND NOX AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), EXHAUSTING THROUGH EP10001.

Emission Source/Control: DHT01 - Combustion
Design Capacity: 150 million Btu per hour

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

Emission Source/Control: DRM01 - Process
Design Capacity: 300 tons per hour

Item 38.9:

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

Emission Unit: U-BCH01
Process: BPG
Process Description:

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

Emission Source/Control: DHT01 - Combustion
Design Capacity: 150 million Btu per hour

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

Emission Source/Control: DRM01 - Process



Design Capacity: 300 tons per hour

New York State Department of Environmental Conservation

Permit ID: 3-3342-00118/00011

Facility DEC ID: 3334200118

