

**New York State Department of Environmental Conservation  
Facility DEC ID: 4012600071**



**PERMIT  
Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 4-0126-00071/00009  
Effective Date: 10/02/2001      Expiration Date: No expiration date

Permit Issued To: KING ROAD MATERIALS INC  
PO BOX 15097  
ALBANY, NY 12212-5097

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

Facility: KING ROAD MATERIALS-CORDELL RD SAND PIT  
145 CORDELL RD  
SCHENECTADY, NY 12303

Description:

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: MICHAEL T HIGGINS  
DIVISION OF ENVIRONMENTAL PERMITS  
1150 NORTH WESTCOTT RD

, NY 12306-2014

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 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 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 4  
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**

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**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 4 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 4 Headquarters  
Division of Environmental Permits  
1150 North Westcott Rd.  
Schenectady, NY 12306-2014  
(518) 357-2069



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**Permit Under the Environmental Conservation Law (ECL)**

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

**IDENTIFICATION INFORMATION**

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PO BOX 15097

ALBANY, NY 12212-5097

Facility: KING ROAD MATERIALS-CORDELL RD SAND PIT  
145 CORDELL RD

SCHENECTADY, NY 12303

Authorized Activity By Standard Industrial Classification Code:

2951 - PAVING MIXTURES AND BLOCKS



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 20 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 3 6NYCRR 200.7: Maintenance of equipment
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 18 6NYCRR 202-1.1: Required emissions tests
- 19 6NYCRR 211.3: Visible emissions limited.
- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 12 6NYCRR 201-6: Facility Permissible Emissions
- \*13 6NYCRR 201-6: Compliance Demonstration
- \*14 6NYCRR 201-6: Compliance Demonstration
- \*15 6NYCRR 201-6: Compliance Demonstration
- \*16 6NYCRR 201-6: Compliance Demonstration
- 17 6NYCRR 201-7.2: Synthetic minor facility capping provisions.
- 21 6NYCRR 225-2.4(a)(2): Compliance Demonstration
- 22 6NYCRR 225-2.4(a)(2): Compliance Demonstration
- 23 6NYCRR 225-2.4(a)(2): Compliance Demonstration
- 24 6NYCRR 225-2.4(a)(2): Compliance Demonstration
- 25 6NYCRR 225-2.7(d): Availability of records for Department inspection.
- 26 40CFR 50: Facility Permissible Emissions
- \*27 40CFR 50: Compliance Demonstration
- \*28 40CFR 50: Compliance Demonstration

**Emission Unit Level**

**EU=U-BCH01**

- 29 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 30 6NYCRR 212.6(a): Compliance Demonstration
- 31 6NYCRR 212.6(a): Compliance Demonstration
- 37 6NYCRR 212.6(a): Compliance Demonstration
- 32 6NYCRR 225-2.3(b)(3): Compliance Demonstration
- 33 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 34 40CFR 60.7(a), NSPS Subpart A: Modification Notification



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- 35 40CFR 60.90, NSPS Subpart I: Compliance Demonstration
- 36 40CFR 60.90, NSPS Subpart I: Compliance Demonstration

**EU=U-DRUM1**

- 38 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 39 6NYCRR 212.6(a): Compliance Demonstration
- 40 6NYCRR 212.6(a): Compliance Demonstration
- 46 6NYCRR 212.6(a): Compliance Demonstration
- 41 6NYCRR 225-2.3(b)(3): Compliance Demonstration
- 42 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 43 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 44 40CFR 60.90, NSPS Subpart I: Compliance Demonstration
- 45 40CFR 60.90, NSPS Subpart I: Compliance Demonstration

**EU=U-RAP01**

- 47 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 48 6NYCRR 212.6(a): Compliance Demonstration
- 49 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-RAP01,EP=30001,Proc=CRB,ES=GEN01**

- 50 6NYCRR 227-1.3(a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 51 6NYCRR 201-5: General Provisions
- 52 6NYCRR 201-5: Permit Exclusion Provisions
- 53 6NYCRR 201-5: Emission Unit Definition
- 54 6NYCRR 201-5.3(b): Contaminant List
- 55 6NYCRR 211.2: Air pollution prohibited
- 56 6NYCRR 211.2: Compliance Demonstration

**Emission Unit Level**

- 57 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 58 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.

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**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 20: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 20.1:**

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 3: Maintenance of equipment**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

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 7: Recycling and Salvage**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.7**

**Item 7.1:**

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 8: Prohibition of Reintroduction of Collected Contaminants to the Air**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 8.1:**

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 10: Proof of Eligibility**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 10.1:**

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 11: Proof of Eligibility**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 11.1:**

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 18: Required emissions tests**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 18.1:**

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 19:**

**Visible emissions limited.**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 19.1:**

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-



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minute period per hour of not more than 57 percent opacity.

**Condition Sealing**

**Effective between the dates of 10/02/2001 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 10/02/2001 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 4: Unpermitted Emission Sources**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 4.1:**

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.

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(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 5: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.4**

**Item 5.1:**

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 or certificate issued for the corresponding air contamination source. 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.
- (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.



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**Condition 6: Emergency Defense**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 6.1:**

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 9: Public Access to Recordkeeping**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 9.1:**

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 12: Facility Permissible Emissions**

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**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 12.1:**

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: 000050-00-0 Name: FORMALDEHYDE	PTE: 19,000 pounds per year
CAS No: 000071-43-2 Name: BENZENE	PTE: 19,000 pounds per year
CAS No: 000075-07-0 Name: ACETALDEHYDE	PTE: 19,000 pounds per year
CAS No: 000091-20-3 Name: NAPHTHALENE	PTE: 19,000 pounds per year
CAS No: 000100-41-4 Name: ETHYLBENZENE	PTE: 19,000 pounds per year
CAS No: 000106-51-4 Name: QUINONE	PTE: 19,000 pounds per year
CAS No: 000108-88-3 Name: TOLUENE	PTE: 19,000 pounds per year
CAS No: 000630-08-0 Name: CARBON MONOXIDE	PTE: 190,000 pounds per year
CAS No: 001330-20-7 Name: XYLENE, M, O & P MIXT.	PTE: 19,000 pounds per year
CAS No: 001336-36-3 Name: POLYCHLORINATED BIPHENYL	PTE: 19,000 pounds per year
CAS No: 007439-92-1 Name: LEAD	PTE: 19,000 pounds per year
CAS No: 007439-96-5 Name: MANGANESE	PTE: 19,000 pounds per year
CAS No: 007439-97-6	PTE: 19,000 pounds per year



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Name: MERCURY

CAS No: 007440-02-0                      PTE: 19,000 pounds per year  
Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 007440-38-2                      PTE: 19,000 pounds per year  
Name: ARSENIC

CAS No: 007440-41-7                      PTE: 19,000 pounds per year  
Name: BERYLLIUM

CAS No: 007440-43-9                      PTE: 19,000 pounds per year  
Name: CADMIUM

CAS No: 007440-47-3                      PTE: 19,000 pounds per year  
Name: CHROMIUM

CAS No: 007446-09-5                      PTE: 190,000 pounds per year  
Name: SULFUR DIOXIDE

CAS No: 007782-49-2                      PTE: 19,000 pounds per year  
Name: SELENIUM

CAS No: 007782-50-5                      PTE: 19,000 pounds per year  
Name: CHLORINE

CAS No: 0NY075-00-5                      PTE: 190,000 pounds per year  
Name: PM-10

CAS No: 0NY100-00-0                      PTE: 47,500 pounds per year  
Name: HAP

CAS No: 0NY210-00-0                      PTE: 190,000 pounds per year  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0                      PTE: 95,000 pounds per year  
Name: VOC

**Condition 13: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 13.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):



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CAS No: 000050-00-0	FORMALDEHYDE
CAS No: 000071-43-2	BENZENE
CAS No: 000075-07-0	ACETALDEHYDE
CAS No: 000091-20-3	NAPHTHALENE
CAS No: 000100-41-4	ETHYLBENZENE
CAS No: 000106-51-4	QUINONE
CAS No: 000108-88-3	TOLUENE
CAS No: 001330-20-7	XYLENE, M, O & P MIXT.
CAS No: 001336-36-3	POLYCHLORINATED BIPHENYL
CAS No: 007439-92-1	LEAD
CAS No: 007439-96-5	MANGANESE
CAS No: 007439-97-6	MERCURY
CAS No: 007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS
CAS No: 007440-38-2	ARSENIC
CAS No: 007440-41-7	BERYLLIUM
CAS No: 007440-43-9	CADMIUM
CAS No: 007440-47-3	CHROMIUM
CAS No: 007782-49-2	SELENIUM
CAS No: 007782-50-5	CHLORINE

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

INDIVIDUAL HAP EMISSIONS COMBINED FROM 4 EMISSION UNITS WILL BE LIMITED TO 9.5 TONS/YR. EMISSIONS WILL BE TRACKED ON A 12 MONTH ROLLING TOTAL BASIS, USING ANALYSES SHEETS RECEIVED WITH EACH WASTE OIL DELIVERY, PRODUCTION DATA, GENERATOR OPERATING HOURS AND MOST CURRENT AP-42 EMISSION FACTORS (FACTORS AT TIME OF PERMIT ISSUANCE DATED 12/2000) TO CALCULATE NONEXEMPT EMISSIONS. THE ANNUAL REPORT SHALL INCLUDE THE TONNAGE OF ASPHALT PRODUCED FOR EACH PLANT.

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 1/30/2002.

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

**Condition 14: Compliance Demonstration**



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**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 14.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

TOTAL HAP EMISSIONS COMBINED FROM 4 EMISSION UNITS WILL BE LIMITED TO 23.75 TONS/YR. EMISSIONS WILL BE TRACKED ON A 12 MONTH ROLLING TOTAL BASIS, USING ANALYSES SHEETS RECEIVED WITH EACH WASTE OIL DELIVERY, PRODUCTION DATA, GENERATOR OPERATING HOURS AND MOST CURRENT AP-42 EMISSION FACTORS (FACTORS AT TIME OF PERMIT ISSUANCE DATED 12/2000) TO CALCULATE NONEXEMPT EMISSIONS. THE ANNUAL REPORT SHALL INCLUDE THE TONNAGE OF ASPHALT PRODUCED FOR EACH PLANT.

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 1/30/2002.

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

**Condition 15: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 15.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

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**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSIONS OF VOC COMBINED FROM 4 EMISSION UNITS WILL BE LIMITED TO 47.5 TON/YR. EMISSIONS WILL BE TRACKED ON A 12 MONTH ROLLING TOTAL BASIS, USING PRODUCTION DATA, GENERATOR OPERATING HOURS AND MOST CURRENT AP-42 EMISSION FACTORS (FACTORS AT TIME OF PERMIT ISSUANCE DATED 12/2000) TO CALCULATE NONEXEMPT EMISSIONS. THE ANNUAL REPORT SHALL INCLUDE THE TONNAGE OF ASPHALT PRODUCED FOR EACH PLANT.

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 1/30/2002.

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

**Condition 16: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 16.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

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

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

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSIONS COMBINED FROM 4 EMISSION UNITS WILL BE LIMITED TO 95 TON/YR. EMISSIONS



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WILL BE TRACKED ON A 12 MONTH ROLLING TOTAL BASIS, USING PRODUCTION DATA, GENERATOR OPERATING HOURS AND MOST CURRENT AP-42 EMISSION FACTORS (FACTORS AT TIME OF PERMIT ISSUANCE DATED 12/2000) TO CALCULATE NONEXEMPT EMISSIONS. THE ANNUAL REPORT SHALL INCLUDE THE TONNAGE OF ASPHALT PRODUCED FOR EACH PLANT.

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 1/30/2002.  
Subsequent reports are due every 12 calendar month(s).

**Condition 17: Synthetic minor facility capping provisions.**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7.2**

**Item 17.1:**

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

**Item 17.2:**

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 17.3:**

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 17.4:**

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 21: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

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**Facility DEC ID: 4012600071**



**Item 21.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 001336-36-3 POLYCHLORINATED BIPHENYL

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Waste Fuel A must meet the definition specified in Part 225-2.2(b)(9). Blending to meet this limit may not be performed in King Road Materials' (KRM) tanks. A copy of the analysis of the fuel received from the deliverer must be retained by KRM for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Process Material: WASTE OIL

Parameter Monitored: POLYCHLORINATED BIPHENYLS (48%CL)

Upper Permit Limit: 50 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 22: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 22.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007553-56-2 IODINE

CAS No: 007726-95-6 BROMINE

CAS No: 007782-50-5 CHLORINE

CAS No: 007782-41-4 FLUORINE

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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**DEVICE PARAMETERS AS SURROGATE**

**Monitoring Description:**

Waste Fuel A must meet the definition specified in Part 225-2.2(b)(9). Limit is for total halogens. Blending to meet this limit may not be performed in King Road Materials' (KRM) tanks. A copy of the analysis of the fuel received from the deliverer must be retained by KRM for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Process Material: WASTE OIL

Parameter Monitored: TOTAL HALOGENS

Upper Permit Limit: 1000 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 23: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 23.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

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

**Monitoring Description:**

Waste Fuel A must meet the definition specified in Part 225-2.2(b)(9). Blending to meet this limit may not be performed in King Road Materials' (KRM) tanks. A copy of the analysis of the fuel received from the deliverer must be retained by KRM for five calendar years for each delivery. Such records shall be kept on site and furnished to the Department upon request.

Process Material: WASTE OIL



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Parameter Monitored: HEAT CONTENT

Lower Permit Limit: 125000 British thermal units per  
gallon

Monitoring Frequency: PER DELIVERY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 24: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 24.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 24.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Waste Fuel A must meet the definition specified in Part  
225-2.2(b)(9). Specifically, the fuel shall contain no  
chemical waste. A copy of the analysis of the fuel  
received from the deliverer must be retained by King Road  
Materials for five calendar years for each delivery. Such  
records shall be kept on site and furnished to the  
Department upon request.

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 0 percent

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 25: Availability of records for Department inspection.**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-2.7(d)**



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**Item 25.1:**

Any person required to maintain and retain records pursuant to this section must make such records available for inspection by the commissioner or his representative during normal business hours. Such person(s) must furnish copies of such records to the commissioner or his representative upon request.

**Condition 26: Facility Permissible Emissions  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 50**

**Item 26.1:**

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: 007439-92-1                      PTE: 19,000 pounds per year

Name: LEAD

CAS No: 007446-09-5                      PTE: 190,000 pounds per year

Name: SULFUR DIOXIDE

**Condition 27: Compliance Demonstration  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 50**

**Item 27.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007439-92-1      LEAD

**Item 27.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Lead content of Waste Fuel A limited to insure compliance with the National Ambient Air Quality Standard (NAAQS) for lead. Blending to meet this limit may not be performed in King Road Materials' (KRM) tanks. A copy of the analysis of the fuel received from the deliverer must be retained by KRM for five calendar years for each delivery. Such records shall be kept on site and furnished to the



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Department upon request.

Process Material: WASTE OIL

Parameter Monitored: LEAD

Upper Permit Limit: 100 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 50**

**Item 28.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 28.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

Sulfur content of fuel oils and Waste Fuel A limited to insure compliance with the National Ambient Air Quality Standards (NAAQS) and NY State standards for SO<sub>2</sub>. This limit was used in dispersion modeling. 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 King Road Materials for five calendar years, kept on site and furnished to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: .5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY



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TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

**Condition 29: Emissions from new emission sources and/or modifications  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 29.1:**

This Condition applies to Emission Unit: U-BCH01

**Item 29.2:**

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

**Condition 30: Compliance Demonstration  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 30.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 30.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

THE PRESSURE DIFFERENTIAL ACROSS THE  
BAGHOUSE SHALL BE MONITORED AND RECORDED  
ON A DAILY BASIS. RECORDS SHALL BE  
MAINTAINED ON SITE FOR 2 YEARS.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: .5 inches of water

Upper Permit Limit: 10 inches of water



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Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 31: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 31.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 31.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a visible emissions observation (determining the presence or absence of visible emissions greater than the limit specified) of all emission points and/or emission sources once per day, during daylight hours, except during periods of extreme weather (fog, snow, rain). If any visible emissions are noted above the limit specified, corrective action is required.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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**Condition 37: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 37.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 37.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

Subsequent reports are due every 6 calendar month(s).

**Condition 32: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 32.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 32.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMBUSTION EFFICIENCY SHALL BE AT LEAST 99% WHILE BURNING WASTE FUEL A. THE FACILITY SHALL DEMONSTRATE THE EFFICIENCY USING AN NYSDEC APPROVED PROTOCOL AND WITH NYSDEC WITNESS. THE PROTOCOL SHALL BE SUBMITTED TO THE REGIONAL OFFICE WITHIN 15 DAYS OF PERMIT ISSUANCE, AND THE DEMONSTRATION SHALL BE COMPLETED WITHIN 30 DAYS OF APPROVAL OF THE PROTOCOL. A WRITTEN REPORT OF THE DEMONSTRATION SHALL BE SUBMITTED TO THE REGIONAL OFFICE WITHIN 30 DAYS OF THE DEMONSTRATION.

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: 40 CFR 60 Appendix A

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 33: Applicability of General Provisions of 40 CFR 60 Subpart A  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 33.1:**

This Condition applies to Emission Unit: U-BCH01

**Item 33.2:**

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

**Condition 34: Modification Notification  
Effective between the dates of 10/02/2001 and Permit Expiration Date**



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**Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A**

**Item 34.1:**

This Condition applies to Emission Unit: U-BCH01

**Item 34.2:**

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

**Condition 35: Compliance Demonstration  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I**

**Item 35.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 35.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The opacity from an affected hot mix asphalt plant must not exceed 20% based on a 6 minute average.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 36: Compliance Demonstration**



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**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I**

**Item 36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BCH01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The particulate matter emissions from an affected hot mix asphalt plant must not exceed 0.04 grains per DSCF.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 38: Emissions from new emission sources and/or modifications**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 38.1:**

This Condition applies to Emission Unit: U-DRUM1

**Item 38.2:**

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

**Condition 39: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 39.1:**



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The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 39.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

THE PRESSURE DIFFERENTIAL ACROSS THE  
BAGHOUSE SHALL BE MONITORED AND RECORDED  
ON A DAILY BASIS. RECORDS SHALL BE  
MAINTAINED ON SITE FOR 2 YEARS.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: .5 inches of water

Upper Permit Limit: 10 inches of water

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 40: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 40.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 40.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an  
opacity during any six consecutive minutes of 20 percent  
or greater from any process emission source, except only



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the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a visible emissions observation (determining the presence or absence of visible emissions greater than the limit specified) of all emission points and/or emission sources once per day, during daylight hours, except during periods of extreme weather (fog, snow, rain). If any visible emissions are noted above the limit specified, corrective action is required.

Daily records of observations are to be maintained, including corrective actions taken and explanations for days when weather conditions are prohibitive, on-site for a period of five years.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 46: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 46.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 46.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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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: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2002.  
Subsequent reports are due every 6 calendar month(s).

**Condition 41: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 41.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

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

**Item 41.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
COMBUSTION EFFICIENCY SHALL BE AT LEAST 99% WHILE BURNING WASTE FUEL A. THE FACILITY SHALL DEMONSTRATE THE EFFICIENCY USING A NYSDEC APPROVED PROTOCOL AND WITH NYSDEC WITNESS. THE PROTOCOL SHALL BE SUBMITTED TO THE REGIONAL OFFICE WITHIN 15 DAYS OF PERMIT ISSUANCE, AND THE DEMONSTRATION SHALL BE COMPLETED WITHIN 30 DAYS OF APPROVAL OF THE PROTOCOL. A WRITTEN REPORT OF THE DEMONSTRATION SHALL BE SUBMITTED TO THE REGIONAL OFFICE WITHIN 30 DAYS OF THE DEMONSTRATION.

Parameter Monitored: COMBUSTION EFFICIENCY  
Lower Permit Limit: 99 percent  
Reference Test Method: 40 CFR 60 Appendix A  
Monitoring Frequency: SINGLE OCCURRENCE



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Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 42: Applicability of General Provisions of 40 CFR 60 Subpart A  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 42.1:**

This Condition applies to Emission Unit: U-DRUM1

**Item 42.2:**

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

**Condition 43: Modification Notification  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.7(a), NSPS Subpart A**

**Item 43.1:**

This Condition applies to Emission Unit: U-DRUM1

**Item 43.2:**

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

**Condition 44: Compliance Demonstration  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I**

**Item 44.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1



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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 44.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The opacity from an affected hot mix asphalt plant must not exceed 20% based on a 6 minute average.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 45: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I**

**Item 45.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-DRUM1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 45.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The particulate matter emissions from an affected hot mix asphalt plant must not exceed 0.04 grains per DSCF.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**Condition 47: Emissions from new emission sources and/or modifications  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 47.1:**

This Condition applies to Emission Unit: U-RAP01

**Item 47.2:**

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

**Condition 48: Compliance Demonstration  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 48.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-RAP01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 48.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a visible emissions observation (determining the presence or absence of visible emissions greater than the limit specified) of all emission points and/or emission sources once per day, during daylight hours, except during periods of extreme weather (fog, snow, rain). If any visible emissions are noted above the limit specified, corrective action is required.

Daily records of observations are to be maintained, including corrective actions taken and explanations for



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days when weather conditions are prohibitive, on-site for a period of five years.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 49: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 49.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-RAP01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 49.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

Subsequent reports are due every 6 calendar month(s).



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**Condition 50: Compliance Demonstration**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 50.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-RAP01    Emission Point: 30001  
Process: CRB                      Emission Source: GEN01

**Item 50.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 51: General Provisions**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 51.1:**

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 51.2:**

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 51.3:**

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 52: Permit Exclusion Provisions**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 52.1:**

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



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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 53: Emission Unit Definition**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 53.1:**

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 BATCH MIX ASPHALT PLANT PRESENTLY PERMITTED TO OPERATE AT THIS FACILITY. THIS EMISSION UNIT HAS ONE EMISSION POINT, THE BAGHOUSE EXHAUST, EP20001. EMISSION SOURCES IN THIS EMISSION UNIT ARE THE DRUM (DRM02), THE DRUM HEATE R BURNER (DHT02), AND THE BAGHOUSE (BH002).

THE BATCH PLANT WILL BE ON LINE POWER, AND THE BURNER MAY BURN NATURAL GAS, #2 OR 4 OIL OR WASTE FUEL A. THE EMISSIONS INCLUDE NOX, SO2, CO, PARTICULATES, VOC, AND HAP. PROCESS DESCRIPTIONS ARE INCLUDED FOR THE OPERAT ION OF A BATCH PLANT ON NATURAL GAS, #2 OR #4 OR WASTE FUEL A.

OPERATING CONTINUOUSLY THROUGHOUT THE YEAR (8760 HRS), THE BATCH PLANT BY ITSELF WOULD EXCEED THE CO CAP. EMISSIONS ARE SUMMARIZED IN THE ATTACHMENTS, FOR USE IN DETERMINING THE ERPS FOR THE EMISSION UNIT EMISSION SUMMARY. BURNING OIL, WASTE FUEL OR GAS, OPERATION OF THE BATCH MIX PLANT IS LIMITED BY CARBON MONOXIDE EMISSIONS. IN

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CONJUNCTION WITH OPERATION OF THE OTHER TWO EMISSION UNITS, THIS PLANT'S PRODUCTION WILL BE LIMITED TO MAINTAIN EMISSIONS BELOW THE PROPOSED CO FACILITY LIMITS. EMISSION CALCULATIONS ARE INCLUDED IN THE ATTACHMENTS TO THIS APPLICATION SIGNED 4/11/01.

**Item 53.2:**

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

Emission Unit: U-DRUM1

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THE EXISTING DRUM MIX HOT ASPHALT PLANT. THIS EMIS UNIT INCLUDES ONE EMISSION POINT, THE BAGHOUSE EXHAUST, EP10001. EMIS SOURCES IN THIS EMIS UNIT ARE THE DRUM (DRM01) AND THE DRUM HEATER BURNER (DHT01). A CYCLONE (CLCL01) ON THE INLET SIDE OF THE BAGHOUSE FOR PARTICULATE REDUCTION RETURNS RECOVERED MATERIAL TO THE DRUM.

THE DRUM HEATER BURNER MAY BURN NATURAL GAS, NUMBER 2 OR 4 OIL OR WASTE FUEL A. THE EMISSIONS INCLUDE NOX, SO<sub>2</sub>, CO, PARTICULATE, VOC, AND HAP. PROCESS DESCRIPTIONS ARE INCLUDED FOR THE OPERATION OF THE DRUM PLANT ON NATURAL GAS, NUMBER 2 OR 4 OIL OR WASTE FUEL A.

OPERATING CONTINUOUSLY THROUGHOUT THE YEAR (8760 HOURS), THE DRUM PLANT BY ITSELF WOULD EXCEED THE CARBON MONOXIDE CAP. THE EMISSIONS ARE SUMMARIZED IN THE ATTACHMENTS FOR USE IN DETERMINING THE ERPS FOR THE EMISSION UNIT EMISSION SUMMARY. BURNING OIL, WASTE FUEL A OR GAS, OPERATION OF THE DRUM MIX PLANT IS LIMITED BY CO EMISSIONS. BY STAYING WITHIN THE CO LIMITS ON THIS EMISSION UNIT, THE OTHER CONTAMINANTS ARE EFFECTIVELY CAPPED BELOW THE FACILITY LIMITS. IN CONJUNCTION WITH OPERATION OF THE OTHER TWO EMISSION UNITS, DRUM PLANT PRODUCTION WILL BE LIMITED TO MAINTAIN EMISSIONS BELOW THE PROPOSED CAP LIMITS. EMISSION CALCULATIONS ARE INCLUDED IN THE ATTACHMENTS TO THIS APPLICATION

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SIGNED 4/11/01.

**Item 53.3:**

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

Emission Unit: U-RAP01

Emission Unit Description:

THIS EMISSION UNIT IS AN EXISTING PORTABLE PROCESSING PLANT THAT WILL CONSIST OF A HAMMERMILL CRUSHER (CR001), A SCREEN (SCR01), ASSOCIATED CONVEYORS (CNV01) AND A GENERATOR (GEN01) OPERATING ON #2 FUEL ONLY. THE CRUSHER HAS A RATED CAPACITY OF 250 TONS PER HOUR WHEN OPERATED FOR THE MAXIMUM SIZE PRODUCT, BUT THE INTENDED USE FOR THE RAP PLANT AT THIS FACILITY IS FOR TERTIARY CRUSHING, THEREFORE A SMALLER OPENING, AND A LOWER THROUGHPUT WILL RESULT. THIS EMISSION UNIT HAS ONE EMISSION POINT FOR THE GENERATOR EXHAUST (EP0001).

THE EMISSIONS FROM THE UNIT CONSIST OF FUGITIVE PARTICULATE MATTER FROM THE CRUSHER, SCREEN AND CONVEYORS AND COMBUSTION PRODUCTS FROM THE GENERATOR.

OPERATING CONTINUOUSLY THROUGHOUT THE YEAR (8760 HRS), THE PORTABLE AGGREGATE PLANT WOULD NOT, BY ITSELF, EXCEED ANY OF THE PROPOSED EMISSION CAPS. THE LARGEST COMPONENT OF EMISSIONS FROM THE PORTABLE AGGREGATE PLANT IS NOX FROM THE GENERATOR. IN CONJUNCTION WITH OPERATION OF THE OTHER TWO EMISSION UNITS, THIS PLANT'S PRODUCTION WILL BE LIMITED TO MAINTAIN EMISSIONS BELOW THE PROPOSED NOX LIMITS. EMISSION CALCULATIONS ARE INCLUDED IN THE ATTACHMENTS TO THE APPLICATION SIGNED 4/11/01.

THIS EQUIPMENT IS BEING PERMITTED AS A PORTABLE PLANT AND IS DEFINED AS A SEPERATE EMISSION UNIT BECAUSE IT MAY BE OPERATED AT OTHER FACILITIES. THE EMISSIONS FROM THIS PLANT, WHILE IT IS IN USE AT THIS SITE WILL BE INCLUDED IN THE OVERALL FACILITY EMISSIONS CALCULATIONS.

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**Condition 54: Contaminant List**

**Effective between the dates of 10/02/2001 and Permit Expiration Date**

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

**Item 54.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this toring conditions).

CAS No: 000075-07-0

Name: ACETALDEHYDE

CAS No: 007440-38-2

Name: ARSENIC

CAS No: 000071-43-2

Name: BENZENE

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 007726-95-6

Name: BROMINE

CAS No: 007440-43-9

Name: CADMIUM

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007782-50-5

Name: CHLORINE

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 000100-41-4

Name: ETHYLBENZENE

CAS No: 007782-41-4

Name: FLUORINE

CAS No: 000050-00-0

Name: FORMALDEHYDE

CAS No: 0NY100-00-0

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Name: HAP

CAS No: 007553-56-2  
Name: IODINE

CAS No: 007439-92-1  
Name: LEAD

CAS No: 007439-96-5  
Name: MANGANESE

CAS No: 007439-97-6  
Name: MERCURY

CAS No: 000091-20-3  
Name: NAPHTHALENE

CAS No: 007440-02-0  
Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

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: 001336-36-3  
Name: POLYCHLORINATED BIPHENYL

CAS No: 000106-51-4  
Name: QUINONE

CAS No: 007782-49-2  
Name: SELENIUM

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

CAS No: 000108-88-3  
Name: TOLUENE

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



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CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

**Condition 55: Air pollution prohibited**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 55.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 56: Compliance Demonstration**  
**Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 56.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 56.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall comply with its Fugitive Dust Control Plan outlined in its May 7, 1997 letter to the Department.

Furthermore, the plan shall be augmented in writing to the Department not later than 60 days from the effective date of this permit and specifically address: How often yard watering and sweeping and bin water spraying will occur, taking into account weather conditions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

**Condition 57: Emission Point Definition By Emission Unit  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 57.1:**

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

Emission Unit: U-BCH01

Emission Point: 20001

Height (ft.): 45

Diameter (in.): 36

NYTMN (km.): 4735.

NYTME (km.): 590.

**Item 57.2:**

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

Emission Unit: U-DRUM1

Emission Point: 10001

Height (ft.): 42

Length (in.): 59

Width (in.): 42

NYTMN (km.): 4735.

NYTME (km.): 590.

**Item 57.3:**

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

Emission Unit: U-RAP01

Emission Point: 30001

Height (ft.): 14

Diameter (in.): 30

NYTMN (km.): 4735.

NYTME (km.): 590.

**Condition 58: Process Definition By Emission Unit  
Effective between the dates of 10/02/2001 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 58.1:**

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

Emission Unit: U-BCH01

Process: BP4

Source Classification Code: 3-05-002-01

Process Description:

BATCH MIX ASPHALT PRODUCTION USING #4 OIL

TO FUEL THE BURNER. CRUSHED STONE IS

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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 #4 OIL PRODUCING PREDOMINATELY CO AND NOX AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH002), EXHAUSTING THROUGH EP20001.

Emission Source/Control: DHT02 - Combustion  
Design Capacity: 80 million Btu per hour

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

Emission Source/Control: DRM02 - Process  
Design Capacity: 120 tons per hour

**Item 58.2:**

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

Emission Unit: U-BCH01

Process: BPA

Source Classification Code: 3-05-002-01

Process Description:

BATCH MIX ASPHALT PRODUCTION USING IN WASTE FUEL A TO FUEL THE 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 (BH002), EXHAUSTING THROUGH EP20001.

Emission Source/Control: DHT02 - Combustion  
Design Capacity: 80 million Btu per hour

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

Emission Source/Control: DRM02 - Process  
Design Capacity: 120 tons per hour

**Item 58.3:**

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

Emission Unit: U-BCH01

Process: BPG

Source Classification Code: 3-05-002-01

Process Description:

BATCH MIX ASPHALT PRODUCTION USING GAS TO FUEL THE BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES AND HEATS THE AGGREGATE. THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL WHERE ASPHALTIC CEMENT IS MIXED WITH THE AGGREGATE. THE PUG MILL DISCHARGES FINISHED ASPHALTIC CONCRETE TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NATURAL GAS, PRODUCING PRIMARILY CO AND THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH002), EXHAUSTING THROUGH EP20001.

Emission Source/Control: DHT02 - Combustion  
Design Capacity: 80 million Btu per hour

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

Emission Source/Control: DRM02 - Process  
Design Capacity: 120 tons per hour

**Item 58.4:**

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

Emission Unit: U-BCH01

Process: BPO

Source Classification Code: 3-05-002-01

Process Description:

BATCH MIX ASPHALT PRODUCTION USING OIL TO FUEL THE BURNER. CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES

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AND HEATS THE MATERIAL IS THEN SCREENED INTO HOT STORAGE BINS, FED TO A WEIGH HOPPER AND TRANSFERRED TO A PUG MILL WHERE ASPHALT IC 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, EXHAUSTING THROUGH EP20001.

Emission Source/Control: DHT02 - Combustion  
Design Capacity: 80 million Btu per hour

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

Emission Source/Control: DRM02 - Process  
Design Capacity: 120 tons per hour

**Item 58.5:**

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

Emission Unit: U-DRUM1

Process: DR4

Source Classification Code: 3-05-002-05

Process Description:

CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR THAT TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NO. 4 OIL, PRODUCING NOX, SOX, VOC, CO, AND HAP. THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), EXHAUSTING THROUGH EP 10001.

Emission Source/Control: DHT01 - Combustion  
Design Capacity: 160 million Btu per hour



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

Emission Source/Control: CYCL1 - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process  
Design Capacity: 450 tons per hour

**Item 58.6:**

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

Emission Unit: U-DRUM1

Process: DRA

Source Classification Code: 3-05-002-05

Process Description:

CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR THAT TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS WASTE FUEL A, PRODUCING NOX, SOX, VOC, CO, AND HAP. THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), EXHAUSTING THROUGH EP 10001.

Emission Source/Control: DHT01 - Combustion  
Design Capacity: 160 million Btu per hour

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

Emission Source/Control: CYCL1 - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process  
Design Capacity: 450 tons per hour

**Item 58.7:**

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

Emission Unit: U-DRUM1



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Process: DRG

Source Classification Code: 3-05-002-05

Process Description:

CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR THAT TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NATURAL GAS, PRODUCING NOX, SOX, VOC, CO, AND HAP THE ACTION OF THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), EXHAUSTING THROUGH EP 10001.

Emission Source/Control: DHT01 - Combustion

Design Capacity: 160 million Btu per hour

Emission Source/Control: BH001 - Control

Control Type: FABRIC FILTER

Emission Source/Control: CYCL1 - Control

Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process

Design Capacity: 450 tons per hour

**Item 58.8:**

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

Emission Unit: U-DRUM1

Process: DRO

Source Classification Code: 3-05-002-05

Process Description:

CRUSHED STONE IS CONVEYED TO A ROTARY DRUM STONE DRYER WHICH DRIES AND HEATS THE AGGREGATE. LIQUID ASPHALT CEMENT IS COMBINED WITH THE AGGREGATE IN THE DRUM. THE DRUM OPERATES CONTINUOUSLY, DISCHARGING TO A CONVEYOR THAT TRANSFERS THE FINISHED ASPHALT TO A STORAGE SILO WHERE THE MATERIAL IS STORED. ASPHALT IS TRANSFERRED FROM THE SILO TO TRUCKS BY GRAVITY FEED. THE DRUM HEATER BURNS NO.2 OIL, PRODUCING NOX, SOX, VOC, CO, AND HAP. THE ACTION OF

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THE DRUM ON THE AGGREGATES GENERATES PARTICULATE MATTER WHICH IS CONTROLLED BY THE BAGHOUSE (BH001), EXHAUSTING THROUGH EP 10001.

Emission Source/Control: DHT01 - Combustion  
Design Capacity: 160 million Btu per hour

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

Emission Source/Control: CYCL1 - Control  
Control Type: SINGLE CYCLONE

Emission Source/Control: DRM01 - Process  
Design Capacity: 450 tons per hour

**Item 58.9:**

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

Emission Unit: U-RAP01

Process: CRA

Source Classification Code: 3-05-020-03

Process Description:

THE PORTABLE RAP CRUSHING PLANT IS USED AS A TERTIARY CRUSHER TO PROVIDE AGGREGATE SIZED RECYCLED ASPHALT TO BE USED IN THE PRODUCTION OF HOT MIX ASPHALT. THIS CRUSHER BREAKS UP THE ASPHALT MATERIAL THAT BINDS THE CRUSHED STONE TOGETHER BUT DOES NOT FURTHER CRUSH THE STONE IN THE MIXTURE.

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

Emission Source/Control: CR001 - Process  
Design Capacity: 250 tons per hour

Emission Source/Control: SCR01 - Process  
Design Capacity: 250 tons per hour

**Item 58.10:**

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

Emission Unit: U-RAP01

Process: CRB

Source Classification Code: 2-02-004-01

Process Description:

THE PRIMARY SOURCE OF POWER FOR THE RAP

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PROCESSING PLANT WILL BE LINE POWER. THE GENERATOR WILL SERVE AS BACKUP POWER FOR THE RAP PROCESSING PLANT. THE PROCESS WILL USE A CAT 3406 GENERATOR OR EQUIVALENT. EMISSIONS FROM THE GENERATOR ARE THROUGH EMISSION POINT 30001. EMISSION FACTORS ARE BASED ON MANUFACTURER'S PUBLISHED VALUES AND/OR AP-42 EMISSION FACTORS FOR STATIONARY COMBUSTION UNIT <600HP. EMISSION CALCULATIONS ARE PROVIDED AS AN ATTACHMENT TO THE APPLICATION. MANUFACTURER'S OPERATING AND EMISSION PARAMETERS ARE ATTACHED.

Emission Source/Control: GEN01 - Combustion