

Facility DEC ID: 8184400013

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-1844-00013/00022
Effective Date: 12/23/1998 Expiration Date: No expiration date

Permit Issued To: HANSON AGGREGATES NEW YORK LLC
4800 JAMESVILLE RD
PO BOX 513
JAMESVILLE, NY 13078-0513

Contact: MICHAEL C LEWIS
HANSON AGGREGATES NEW YORK LLC
PO BOX 513
JAMESVILLE, NY 13078-0513
(315) 469-5501

Facility: HANSON AGG STAFFORD QUARRY
5870 MAIN RD|ST RTE 5 - S SIDE - W OF CO RTE 28
STAFFORD, NY 14143

Description:
Initial Interim State Facility Air permit for a hot mix asphalt manufacturing facility consisting of 3 bituminous hot mix asphalt plants identified as Emission Units U-01027, U-01022 and U-01026 and a new generator for the crushing operation, identified as Emission Unit U-07GEN. This permit contains modified capping conditions which continue to limit the facility's emission of Sulfur Dioxide (SO2) to 184,760 pounds, and Oxides of Nitrogen (NOx) to 196,800 pounds per 12 month period by limiting the production of bituminous asphalt paving mixture to 430,452 tons based on a 12 month rolling total which make the facility a minor source under federal regulations for Title V, 40 CFR Part 70. The original capping permit was issued by the Department in November, 1995.

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: PETER A LENT
DIVISION OF ENVIRONMENTAL PERMITS
6274 E AVON LIMA RD
AVON, NY 14414-9519

Authorized Signature: _____ Date: ____ / ____ / ____

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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.

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Facility Level

- 5 5 Submission of Applications for Permit Modification or Renewal
-REGION 8 HEADQUARTERS

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

Condition 1: Facility Inspection by the Department

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

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 written or verbal notification is provided by the Department at least 24 hours prior to such inspection.

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. 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: 6 NYCRR 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: 6 NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for

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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 8 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.5 (a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Permit Issued To: HANSON AGGREGATES NEW YORK LLC
4800 JAMESVILLE RD
PO BOX 513
JAMESVILLE, NY 13078-0513

Facility: HANSON AGG STAFFORD QUARRY
5870 MAIN RD|ST RTE 5 - S SIDE - W OF CO RTE 28
STAFFORD, NY 14143

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

Permit Effective Date: 12/23/1998
date.

Permit Expiration Date: No expiration
date.

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- 11 20 6 NYCRR Part 215: Open Fires Prohibited at Industrial and Commercial Sites
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- 12 22 6 NYCRR 201-6.2 (c): Process Permissible Emissions
 - 12 23 6 NYCRR 212.10: Process Permissible Emissions
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- 13 25 40CFR 60.92, NSPS Subpart I: Compliance Demonstration

EU=U-01022,Proc=P22,ES=PLT22

- 14 *26 6 NYCRR 201-6.2 (c): Compliance Demonstration

EU=U-01022,EP=01022

- 14 27 40CFR 60.92, NSPS Subpart I: Compliance Demonstration
- 15 28 40CFR 60.92, NSPS Subpart I: Compliance Demonstration

EU=U-01026,Proc=P26,ES=1026S

- 16 29 6 NYCRR 212.9 (d): Compliance Demonstration

EU=U-01026,Proc=P26,ES=PLT26

- 16 *30 6 NYCRR 201-6.2 (c): Compliance Demonstration

EU=U-01026,EP=01026,Proc=P26

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- 17 31 6 NYCRR 212.6 (a): Compliance Demonstration
- 17 32 6 NYCRR 212.9 (d): Compliance Demonstration
- 18 33 6 NYCRR 212.9 (d): Compliance Demonstration

EU=U-01027,Proc=P27

- 19 34 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 19 35 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 19 36 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 20 37 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 20 38 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 20 39 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 21 40 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.

EU=U-01027,Proc=P27,ES=1027S

- 21 41 40CFR 60.92, NSPS Subpart I: Compliance Demonstration

EU=U-01027,Proc=P27,ES=PLT27

- 22 *42 6 NYCRR 212.10: Compliance Demonstration

EU=U-01027,EP=01027

- 22 43 40CFR 60.92, NSPS Subpart I: Compliance Demonstration
- 23 44 40CFR 60.92, NSPS Subpart I: Compliance Demonstration

EU=U-07GEN,Proc=011,ES=GEN07

- 23 45 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 24 46 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 25 *47 6 NYCRR Subpart 227-2: Compliance Demonstration

EU=U-07GEN,EP=07GEN,Proc=011,ES=GEN07

- 25 48 6 NYCRR 227-1.3 (b): Exemption from opacity limits.

STATE ONLY ENFORCEABLE CONDITIONS

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- 26 49 6 NYCRR Subpart 201-5: General Provisions:
Facilities Subject to Subparts 201-5 and 201-6
- 26 50 6 NYCRR Subpart 201-5: General Provisions:
Facilities Subject to Subpart 201-5 but not 201-6
- 26 51 6 NYCRR Subpart 201-5: Emission Unit Definition
- 28 52 6 NYCRR 217-3.2 (a): Diesel truck opacity limitation
- 28 53 6 NYCRR 217-3.2 (b): Idling of diesel trucks limited
- 28 54 6 NYCRR 225-1.2 (a) (2): Compliance Demonstration

Emission Unit Level

- 29 55 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 30 56 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS

FINAL

**** Facility Level ****

Condition 1: Sealing
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 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 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 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: Maintenance of equipment
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 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 4: Contaminant List
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 4.1:

Emissions of the following contaminants are allowed under this permit.

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

Item 4.2:

The Facility is authorized to emit the regulated contaminants cited in Item 4.1 from the emission units specified in this permit.

Condition 5: Unpermitted Emission Sources
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.2

Item 5.1:

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 6: Unavoidable Noncompliance and Violations
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.4

Item 6.1:

At the discretion of the commissioner a violation of any applicable emission standard for

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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.

Condition 7: Emergency Defense
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-1.5

Item 7.1:

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;

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(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 8: Recycling and Salvage
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 8.1:

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 9: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 9.1:

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: Public Access to Recordkeeping
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 10.1:

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.

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Condition 11: Proof of Eligibility

Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 11.1:

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 12: Proof of Eligibility

Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 12.1:

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 13: Facility Permissible Emissions

Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-6.2 (c)

Item 13.1:

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: 007446-09-5
Name: SULFUR DIOXIDE

PTE: 184,760 pounds per year

Condition 14: Synthetic minor facility capping provisions.

Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 14.1:

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

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Item 14.2:

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 14.3:

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 14.4:

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 15: Required emissions tests**Effective between the dates of 12/23/1998 and Permit Expiration Date****Applicable Federal Requirement:6 NYCRR 202-1.1****Item 15.1:**

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 16: Air pollution prohibited**Effective between the dates of 12/23/1998 and Permit Expiration Date****Applicable Federal Requirement:6 NYCRR 211.2****Item 16.1:**

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 17: Visible emissions limited.**Effective between the dates of 12/23/1998 and Permit Expiration Date****Applicable Federal Requirement:6 NYCRR 211.3****Item 17.1:**

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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 18: VOC prohibited
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.4

Item 18.1:

The use of Volatile Organic Compounds to liquefy asphalt used for paving is prohibited, except for:

- (1) asphalt used in the production of long-life stockpile material for pavement patching and repair;
- (2) asphalt applied at low ambient temperature from October 16th to May 1st; and
- (3) asphalt used as a penetrating prime coat for the purpose of preparing an untreated absorbent surface to receive an asphalt surface.

Condition 19: Facility Permissible Emissions
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.10

Item 19.1:

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: 0NY210-00-0

PTE: 196,800 pounds per year

Name: OXIDES OF NITROGEN

Condition 20: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Part 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 21: Facility Permissible Emissions
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 227-2

Item 21.1:

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PTE(s): 33.75 pounds per hour
 0.075 pounds per ton
 24,660 pounds per year

Emission Unit: U-07GEN Process: 011

CAS No: 0NY210-00-0
 Name: OXIDES OF NITROGEN
 PTE(s): 39.6 pounds per hour
 71,366 pounds per year

Condition 24: Process Permissible Emissions
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 227-2

Item 24.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-01027 Process: P27
 CAS No: 0NY210-00-0
 Name: OXIDES OF NITROGEN
 PTE(s): 33.75 pounds per hour
 0.075 pounds per ton
 24,660 pounds per year

Emission Unit: U-07GEN Process: 011
 CAS No: 0NY210-00-0
 Name: OXIDES OF NITROGEN
 PTE(s): 39.6 pounds per hour
 71,366 pounds per year

Condition 25: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.92, NSPS Subpart I

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01022
 Process: P22 Emission Source: 1022S

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

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

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

Monitoring Description:

GENESSEE LEROY STONE WILL MONITOR THE
PRESSURE DROP ACROSS THIS FABRIC
COLLECTOR.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 2 inches of water

Upper Permit Limit: 8 inches of water

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-6.2 (c)

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01022

Process: P22

Emission Source: PLT22

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

PRODUCTION OF BITUMINOUS ASPHALT PAVING
MIXTURE WILL BE LIMITED TO 430,452 TONS
PER YEAR BASED ON A TWELVE MONTH ROLLING
TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ASPHALTIC CONCRETE

Upper Permit Limit: 430,425 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 01/21/2000 for the period 12/23/1998 through 12/22/1999

Condition 27: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Applicable Federal Requirement:40CFR 60.92, NSPS Subpart I

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01022

Emission Point: 01022

Item 27.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Standard for opacity from a hot mix asphalt plant.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 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 28: Compliance Demonstration

Effective between the dates of 12/23/1998 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-01022

Emission Point: 01022

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 28.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions limitations for a hot mix asphalt
plant.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 29: Compliance Demonstration

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.9 (d)

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01026

Process: P26

Emission Source: 1026S

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

GENESEE LEROY STONE CORPORATION WILL
INSTALL AND MONITOR AN ALARM ON THE MOTOR
DRIVE FOR THE WATER PUMP ON THIS EMISSION
SOURCE CONTROL.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 30: Compliance Demonstration

Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-6.2 (c)

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01026

Process: P26

Emission Source: PLT26

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

PRODUCTION OF BITUMINOUS ASPHALT PAVING
MIXTURE WILL BE LIMITED TO 143,475 TONS
PER YEAR BASED ON A TWELVE MONTH ROLLING
TOTAL.

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ASPHALTIC CONCRETE

Upper Permit Limit: 143,475 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 01/21/2000 for the period 12/23/1998 through 12/22/1999

Condition 31: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01026

Emission Point: 01026

Process: P26

Item 31.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Visible emissions monitoring will be conducted at the request of the agency to demonstrate compliance with this limit.

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: UPON REQUEST BY REGULATORY AGENCY

Condition 32: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.9 (d)

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01026

Emission Point: 01026

Process: P26

Regulated Contaminant(s):

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following equation shall be used to determine the permissible solid particulate emission rate (based on process weight):

for existing sources greater than 100,000 lb/hr - $E = [39P^{(0.082)}] - 50$;

where:

E - is the permissible emission rate, and

P - is the process weight in lb/hr.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.9 (d)

Item 33.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01026 Emission Point: 01026
 Process: P26

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

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following equation shall be used to determine permissible solid particulate emissions (based on process weight):

for sources up to 100,000 lb/hr - $E = 0.024P^{(0.67)}$;

where:

E - is the permissible emission rate, and

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

P - is process weight in lb/hr.

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 34: Performance testing timeline.
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 34.1:

This Condition applies to Emission Unit: U-01027
Process: P27

Item 34.2:

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 35: Performance test methods.
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 35.1:

This Condition applies to Emission Unit: U-01027
Process: P27

Item 35.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 36: Required performance test information.
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 36.1:

This Condition applies to Emission Unit: U-01027
Process: P27

Item 36.2:

Performance tests shall be conducted under such conditions specified by the

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 37: Prior notice.
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 37.1:

This Condition applies to Emission Unit: U-01027
Process: P27

Item 37.2:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 38: Performance testing facilities.
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 38.1:

This Condition applies to Emission Unit: U-01027
Process: P27

Item 38.2:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 39: Number of required tests.
Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 39.1:

This Condition applies to Emission Unit: U-01027
Process: P27

Item 39.2:

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 40: Opacity standard compliance testing.
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 40.1:

This Condition applies to Emission Unit: U-01027
Process: P27

Item 40.2:

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 or this Part 40 CFR 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.

Condition 41: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.92, NSPS Subpart I

Item 41.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01027
Process: P27 Emission Source: 1027S

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

Item 41.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:
GENESSEE LEROY STONE WILL MONITOR THE
PRESSURE DROP ACROSS THIS FABRIC

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

COLLECTOR.

Parameter Monitored: PRESSURE CHANGE
Lower Permit Limit: 2 inches of water
Upper Permit Limit: 8 inches of water
Monitoring Frequency: CONTINUOUS
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 42: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.10

Item 42.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01027
Process: P27 Emission Source: PLT27

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 42.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
PRODUCTION OF BITUMINOUS ASPHALT PAVING MIXTURE WILL BE LIMITED TO 328,800 TONS PER YEAR BASED ON A TWELVE MONTH ROLLING TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: ASPHALTIC CONCRETE
Upper Permit Limit: 328,800 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (ANNIVERSARY)
Initial Report Due: 01/21/2000 for the period 12/23/1998 through 12/22/1999

Condition 43: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.92, NSPS Subpart I

Item 43.1:

The Compliance Demonstration activity will be performed for:

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Emission Unit: U-01027

Emission Point: 01027

Item 43.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Standard for opacity from a hot mix asphalt plant.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 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 44: Compliance Demonstration

Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.92, NSPS Subpart I

Item 44.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-01027

Emission Point: 01027

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:

Particulate emissions limitations for a hot mix asphalt
plant.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 45: Compliance Demonstration

Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 45.1:

The Compliance Demonstration activity will be performed for:

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Emission Unit: U-07GEN
Process: 011

Emission Source: GEN07

Item 45.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Maximum 40% opacity limitation never to be exceeded for any time period.

Parameter Monitored: OPACITY

Upper Permit Limit: 40.0 percent

Monitoring Frequency: ANNUALLY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 46: Compliance Demonstration

Effective between the dates of 12/23/1998 and Permit Expiration Date

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

Item 46.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-07GEN
Process: 011

Emission Source: GEN07

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 shall operate a stationary combustion installation which emits smoke the shade or appearance of which is equal to or greater than Number 1 on the Ringelmann Chart, or 20 percent opacity, for a period of three or more minutes during any continuous 60-minute period.

Parameter Monitored: OPACITY

Upper Permit Limit: 20.0 percent

Reference Test Method: 40CFR60 App A Meth 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Condition 47: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 227-2

Item 47.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-07GEN

Process: 011

Emission Source: GEN07

Regulated Contaminant(s):

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

Item 47.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

OPERATION OF THIS GENERATOR WILL BE LIMITED TO 1800 HOURS PER YEAR BASED ON A TWELVE MONTH ROLLING TOTAL.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 1800

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 01/21/2000 for the period 12/23/1998 through 12/22/1999

Condition 48: Exemption from opacity limits.
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 227-1.3 (b)

Item 48.1:

This Condition applies to Emission Unit: U-07GEN Emission Point: 07GEN

Process: 011

Emission Source: GEN07

Item 48.2:

Excess smoke emissions from periods of start up and emergency may be exempted if it is shown that the exceedences were not preventable.

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 49: General Provisions: Facilities Subject to Subparts 201-5 and 201-6
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 49.1:

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 49.2:

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 49.3:

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

Item 49.4:

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 50: General Provisions: Facilities Subject to Subpart 201-5 but not 201-6
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 50.1:

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 51: Emission Unit Definition
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 51.1:

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

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

Emission Unit: U-01022

Emission Unit Description:

EMISSION UNIT CONSISTS OF A 6.0 TON ASPHALT BATCH PLANT WHERE AGGREGATE MATERIAL IS FED INTO AN OIL FIRED ROTARY DRYER. HOT AGGREGATE IS TRANSFERRED BY BUCKET ELEVATOR TO VIBRATING SCREENS WHERE IT IS SEPARATED INTO DIFFERENT GRADES AND DROPPED INTO BINS . HOT AGGRAGATE IS THEN WEIGHTED AND MIXED WITH LIQUID ASPHALT, DROPPED INTO A PUGMILL MIXER FOR MIXING, THEN CONVEYED TO STORAGE OR INTO TRUCKS FOR TRANSPORTATION.

Item 51.2:

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

Emission Unit: U-01026

End Date: 09/19/2012

Emission Unit Description:

EMISSION UNIT CONSISTS OF A 2.0 TON ASPHALT BATCH PLANT WHERE AGGREGATE MATERIAL IS FED INTO AN OIL FIRED ROTARY DRYER. HOT AGGREGATE IS TRANSFERRED BY BUCKET ELEVATOR TO VIBRATING SCREENS WHERE IT IS SEPARATED INTO DIFFERENT GRADES AND DROPPED INTO BINS . HOT AGGRAGATE IS THEN WEIGHTED AND MIXED WITH LIQUID ASPHALT, DROPPED INTO A PUGMILL MIXER FOR MIXING, THEN CONVEYED TO STORAGE OR INTO TRUCKS FOR TRANSPORTATION.

Item 51.3:

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

Emission Unit: U-01027

Emission Unit Description:

EMISSION UNIT CONSISTS OF A 450 TPH ROTARY DRUM ASPHALT PLANT WHERE AGGREGATE IS DRIED IN A COUNTERFLOW DRYER THEN MOVED TO A CONTINOUS ROTARY DRUM MIXER WHERE THE HOT AGGREGATE IS MIXED WITH LIQUID ASPHALT. EMISSIONS ARE SIGNIFICANTLY REDUCED IN THIS ROT ARY DRUM SYSTEM BECAUSE THE AGGREGATE AND LIQUID ASPHALT ARE MIXED OUTSIDE THE HOT GAS STREAM OF THE DRYER. FROM THE MIXER, THE MIXTURE IS CONVEYED TO SILOS FOR STORAGE AND LOADING INTO TRUCKS.

Item 51.4:

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

Emission Unit: U-07GEN

Emission Unit Description:

EMISSION UNIT CONSISTS OF A PORTABLE

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

DIESEL GENERATOR ASSOCIATED WITH THE
PORTABLE STONE CRUSHING EQUIPMENT.
GENERATOR IS A CATERPILLAR MODEL D3012,
1200 KW.

Condition 52: Diesel truck opacity limitation
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 217-3.2 (a)

Item 52.1:

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.

Condition 53: Idling of diesel trucks limited
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 217-3.2 (b)

Item 53.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

Condition 54: Compliance Demonstration
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 225-1.2 (a) (2)

Item 54.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 54.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any
distillate oil fuel which contains sulfur in a quantity
exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 1.5 percent 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

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

Condition 55: Emission Point Definition By Emission Unit
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 55.1:

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

Emission Unit: U-01022

Emission Point: 01022

Height (ft.): 41 Diameter (in.): 47
NYTMN (km.): 4763.193 NYTME (km.): 247.963

Item 55.2:

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

Emission Unit: U-01026

Emission Point: 01026

Height (ft.): 25 Diameter (in.): 41
NYTMN (km.): 4763.193 NYTME (km.): 247.963

Item 55.3:

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

Emission Unit: U-01027

Emission Point: 01027

Height (ft.): 20 Length (in.): 240 Width (in.): 54
NYTMN (km.): 4763.193 NYTME (km.): 247.963

Item 55.4:

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

Emission Unit: U-07GEN

Emission Point: 07GEN

Height (ft.): 8 Length (in.): 48 Width (in.): 12
NYTMN (km.): 4763.193 NYTME (km.): 247.963

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Condition 56: Process Definition By Emission Unit
Effective between the dates of 12/23/1998 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 56.1:

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

Emission Unit: U-01022

Process: P22

Source Classification Code: 3-05-002-01

Process Description:

EMISSION UNIT CONSISTS OF A 6.0 TON ASPHALT BATCH PLANT WHERE AGGREGATE MATERIAL IS FED INTO AN OIL FIRED ROTARY DRYER. HOT AGGREGATE IS TRANSFERRED BY BUCKET ELEVATOR TO VIBRATING SCREENS WHERE IT IS SEPARATED INTO DIFFERENT GRADES AND DROPPED INTO BINS . HOT AGGREGATE IS THEN WEIGHED AND MIXED WITH LIQUID ASPHALT, DROPPED INTO A PUGMILL MIXER FOR MIXING, THEN CONVEYED TO STORAGE OR INTO TRUCKS FOR TRANSPORTATION.

Emission Source/Control: 1022P - Control

Control Type: GRAVITY COLLECTOR

Emission Source/Control: 1022S - Control

Control Type: FABRIC FILTER

Emission Source/Control: PLT22 - Process

Item 56.2:

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

Emission Unit: U-01026

Process: P26

Source Classification Code: 3-05-002-01

Process Description:

EMISSION UNIT CONSISTS OF A 2.0 TON ASPHALT BATCH PLANT WHERE AGGREGATE MATERIAL IS FED INTO AN OIL FIRED ROTARY DRYER. HOT AGGREGATE IS TRANSFERRED BY BUCKET ELEVATOR TO VIBRATING SCREENS WHERE IT IS SEPARATED INTO DIFFERENT GRADES AND DROPPED INTO BINS . HOT AGGREGATE IS THEN WEIGHED AND MIXED WITH LIQUID ASPHALT, DROPPED INTO A PUGMILL MIXER FOR MIXING, THEN CONVEYED TO STORAGE OR INTO TRUCKS FOR TRANSPORTATION.

Emission Source/Control: 1026P - Control

Control Type: CENTRIFUGAL

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013

Emission Source/Control: 1026S - Control
Control Type: CENTRIFUGAL

Emission Source/Control: PLT26 - Process

Item 56.3:

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

Emission Unit: U-01027

Process: P27

Source Classification Code: 3-05-002-01

Process Description:

EMISSION UNIT CONSISTS OF A 450 TPH ROTARY DRUM ASPHALT PLANT WHERE AGGREGATE IS DRIED IN A COUNTERFLOW DRYER THEN MOVED TO A CONTINUOUS ROTARY DRUM MIXER WHERE THE HOT AGGREGATE IS MIXED WITH LIQUID ASPHALT. EMISSIONS ARE SIGNIFICANTLY REDUCED IN THIS ROTARY DRUM SYSTEM BECAUSE THE AGGREGATE AND LIQUID ASPHALT ARE MIXED OUTSIDE THE HOT GAS STREAM OF THE DRYER. FROM THE MIXER, THE MIXTURE IS CONVEYED TO SILOS FOR STORAGE AND LOADING INTO TRUCKS.

Emission Source/Control: 1027P - Control
Control Type: GRAVITY COLLECTOR

Emission Source/Control: 1027S - Control
Control Type: FABRIC FILTER

Emission Source/Control: PLT27 - Process

Item 56.4:

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

Emission Unit: U-07GEN

Process: 011

Source Classification Code: 2-01-001-02

Process Description:

EMISSION UNIT CONSISTS OF A PORTABLE DIESEL GENERATOR ASSOCIATED WITH THE PORTABLE STONE CRUSHING OPERATIONS. GENERATOR IS A CATERPILLAR MODEL D3012, 1200 KW.

Emission Source/Control: GEN07 - Process
Design Capacity: 1,200 kilowatts

Permit ID: 8-1844-00013/00022

Facility DEC ID: 8184400013