

PERMIT Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-2642-00029/00011

Expiration Date: No expiration date.

Mod 1 Effective Date: 06/03/2004 Expiration Date: No expiration date.

Permit Issued To: DOLOMITE PRODUCTS CO INC

1150 PENFIELD RD

ROCHESTER, NY 14625-2202

Contact: THOMAS K JOHNSON

ROCHESTER ASPHALT MATERIALS

1150 PENFIELD RD

ROCHESTER, NY 14625-2202

(585) 381-7010

Facility: ROCHESTER ASPHALT PENFIELD PLT

746 WHALEN RD PENFIELD, NY 14526

Description:

The first modification (Mod 1) of this permit:

Reflects the replacement of the 3 ton and 4 ton asphalt batch plants by a single 6 ton batch plant, emission unit U-P6001;

Changes Special Permit Conditions limiting annual asphalt production due to the emission factors for the 6 ton batch plant; and

Authorizes use of Waste Fuel A, subject to contaminant limitations specified in Part 225-2.4(b), as a fuel, in addition to natural gas and #2 fuel oil.

The initial Air State Facility Permit (Mod 0) specified production limits of 250,000 tons of asphalt annually for the 3 ton batch plant (EP-P3001), and 335,000 tons of asphalt for the 4 ton batch plant (EP-P4001) based on CO and SO2 emission levels. The Mod 1 production limit is 495,000 tons of asphalt for 6 the ton batch plant (EP-P6001) based on CO emissions, which are significantly higher than SO2, VOC, NOx, and PM10 emission rates for all fuels. This maintains the restriction of facility emissions to less than the Part 201-6 and Part 212.10 thresholds indicated below.

Initial Air State Facility Permit for existing asphalt production operations was issued 2/14/2000. The facility included a 3 ton asphalt batch plant, emission unit U-P3001, and a 4 ton asphalt batch plant, emission unit U-P4001.

Facility potentials to emit exceeded Title V thresholds. Rochester Asphalt Materials had previously accepted Special Permit Conditions limiting annual asphalt production to restrict facility emissions of



VOC to below 50 tons per year, and NOx to below 100 tons per year, the applicability thresholds of 6NYCRR Part 212.10 RACT for major facilities.

With the initial Air State Facility Permit, Rochester Asphalt Materials accepted more restrictive Special Permit Conditions, to reduce all facility emissions to below major source thresholds in 6NYCRR Part 201-6 (Title V). These Conditions reduced potential CO and SO2 emissions to below the 100 ton per year major source thresholds in Part 201-6, and also further reduced emissions of VOC and NOx, previously capped below the Part 212.10 thresholds listed above. The same threshold levels for VOC and NOx apply to Part 201-6 and Part 212.10.

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				
AVON LIMA R	D	AVON, NY 14414-9519				
	Authorized Signature:		Date:	/	/	



Notification of Other State Permittee Obligations

d 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

Orders and Determinations

Applications for Permit Renewals and Modifications Applications for Permit Renewals and Modifications Permit Modifications, Suspensions and Revocations by the Department

ocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 8 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 1-1: Applications for Permit Renewals and Modifications Applicable State Requirement: 6NYCRR 621.13

Item 1-1.1:

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

Item 1-1.2:

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

Item 1-1.3:

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



transfer of ownership.

Condition 3: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6NYCRR 621.13(a)

Expired by Mod No: 1

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.

1d Revocations by the Department

Applicable State Requirement: 6NYCRR 621.14

Item 1-2.1:

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

- a) materially false or inaccurate statements in the permit application or supporting papers; or conditions of the permit;
 - c) exceeding the scope of the project as described in the permit application;
 - d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
 - e) noncompliance with previously issued permit conditions, orders of the commissioner, any

gulations of the Department

related to the permitted activity.

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

Expired by Mod No: 1

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 ****

dification or Renewal -REGION 8

HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Expired by Mod No: 1

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



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: DOLOMITE PRODUCTS CO INC

1150 PENFIELD RD

ROCHESTER, NY 14625-2202

Facility: ROCHESTER ASPHALT PENFIELD PLT

746 WHALEN RD PENFIELD, NY 14526

Authorized Activity By Standard Industrial Classification Code:

2951 - PAVING MIXTURES AND BLOCKS

Mod 0 Permit Effective Date: 02/14/2000



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-2 6NYCRR 202-2.1: Compliance Demonstration
- 1-1 6NYCRR 201-6.5(g): Non Applicable requirements
- 16 6NYCRR 211.4: VOC prohibited
- 1-3 6NYCRR 225-2.3(b): Compliance Demonstration
- 1-4 6NYCRR 225-2.4(b): Compliance Demonstration
- 1-5 6NYCRR 225-2.4(b): Compliance Demonstration
- 1-6 6NYCRR 225-2.4(b): Compliance Demonstration
- 1-7 6NYCRR 225-2.4(b): Compliance Demonstration
- 1-8 6NYCRR 225-2.4(b): Compliance Demonstration
- $1\hbox{-9 6NYCRR } 225\hbox{-}2.6(d)\hbox{: Purchase of waste fuel prohibitions}.$
- 1-10 6NYCRR 225-2.7(a): Compliance Demonstration

Emission Unit Level

EU=U-P6001

- 1-11 40CFR 60.90, NSPS Subpart I: Compliance Demonstration
- 1-12 40CFR 60.90, NSPS Subpart I: Compliance Demonstration
- 1-13 40CFR 60.90, NSPS Subpart I: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 1-14 ECL 19-0301: Contaminant List
- 1-15 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 38 6NYCRR 201-5: Emission Unit Definition
- 1-16 6NYCRR 201-7: Facility Permissible Emissions
- *1-17 6NYCRR 201-7: Capping Monitoring Condition
- 40 6NYCRR 211.2: Air pollution prohibited
- 1-18 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 1-19 6NYCRR 225-1.8: Compliance Demonstration

Emission Unit Level

- 42 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 43 6NYCRR 201-5: Process Definition By Emission Unit
- 1-20 6NYCRR 201-7: Process Permissible Emissions

NOTE: * preceding the condition number indicates capping. Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 06/03/2004 Permit Expiration Date: No expiration date.



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination



source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

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

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

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

Item E: Emergency Defense - 6NYCRR Part 201-1.5

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

- (a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event



occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

- (b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.
- (c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

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

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

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

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

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

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

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

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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

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

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

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Item L: Open Fires - 6 NYCRR Part 215

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

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not



limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item N: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS The following conditions are federally enforceable.

Condition 1-2: Compliance Demonstration

Effective between the dates of $\,06/03/2004$ and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 1-2.1:

ed for the Facility.

Item 1-2.2

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year



Condition 1-1: Non Applicable requirements

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.5(g)

Item 1-1.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

(From Mod 1) 6NYCRR 212.10(d)

Reason: RACT requirements for oxides of nitrogen do not apply because the carbon monoxide cap effectively limits other regulated contaminants below applicability thresholds based on USEPA AP-42 emission factors as of February, 2003.

Condition 16: VOC prohibited 1/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.4

Item 16.1:

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 form 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 1-3: Compliance Demonstration 3/2004 and Permit Expiration Date

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

Item 1-3.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Combustion efficiency burning Waste Fuel A must be

Air Pollution Control Permit Conditions Page 8 of 25 FINAL



determined each operating season within one week of start of use of Waste Fuel A for each Emission Source. Documentation of the results of the combustion efficiency test must be kept on site or at the main office (1150 Penfield Rd.) for a minimum of three years, and provided to DEC staff on request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED

VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-4: Compliance Demonstration

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 1-4.1:

ed for the Facility.

Item 1-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel contaminant limitations for lead.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 250.0 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL

CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-5: Compliance Demonstration

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Air Pollution Control Permit Conditions Page 9 of 25 FINAL



Item 1-5.1:

ed for the Facility.

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel heat content - minimum required

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: HEAT CONTENT

Lower Permit Limit: 125000.0 British thermal units per

gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL

CHANGE

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED

VALUE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-6: Compliance Demonstration

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 1-6.1:

ned for the Facility.

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

OPERATIONS

Monitoring Description:

Fuel contaminant limitations for Polychlorinated

Biphenyls.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 49.99 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL

CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY



TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-7: Compliance Demonstration 3/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 1-7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel contaminant limitations for sulfur.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: SULFUR CONTENT Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL

CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-8: Compliance Demonstration 1/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 1-8 1

The Compliance Demonstration activity will be performed for the Facility.

Item 1-8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel contaminant limitations for total halogens.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Air Pollution Control Permit Conditions Page 11 of 25 FINAL



Parameter Monitored: CONCENTRATION

Upper Permit Limit: 1000.0 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL

CHANGE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-9: Purchase of waste fuel prohibitions.

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.6(d)

Item 1-9.1: No owner or operator of a facility proposing to burn waste fuel or transporter of waste fuel may purchase, accept delivery, pick up or accept in trade any waste fuel unless the facility is receiving or proposing to burn waste fuel that that meets the applicable requirements of this Subpart and the regulations promulgated pursuant to article 27, titles 7 and 9 and article 23, title 23 of the ECL and the transporter of the waste fuel is permitted under 6 NYCRR Part 364.

Condition 1-10: Compliance Demonstration 3/2004 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-2.7(a)

Item 1-10.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Facility must sample and analyze each received batch of Waste Fuel A to demonstrate compliance with requirements of Part 225-2.4(b). Certified analyses from fuel vendor may be used for this purpose. Records of all analyses must be kept on site or at main office (1150 Penfield Rd.) for a minimum of three years.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**** Emission Unit Level ****



Condition 1-11: Compliance Demonstration 1/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I

Item 1-11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-P6001

Regulated Contaminant(s):

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

Item 1-11.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

ROCHESTER ASPHALT MATERIALS WILL MAINTAIN A MAGNEHELIC GAUGE FOR THE MONITORING OF PRESSURE DROP ACROSS THE FILTER BAGS OF THIS CONTROL DEVICE. PRESSURE WILL BE MAINTAINED WITHIN THE STATED RANGE.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 1 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 1-12: Compliance Demonstration

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I

Item 1-12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-P6001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



Item 1-12.2:

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 1-13: Compliance Demonstration 1/2004 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.90, NSPS Subpart I

Item 1-13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-P6001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-13.2:

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



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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



law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 1-14: Contaminant List

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 1-14.1:

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

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY075-00-0 Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

Condition 1-15: Unavoidable noncompliance and violations

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 1-15.1:

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

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



for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.
- (c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.
- (d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.
- (e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 38: Emission Unit Definition

1/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 38.1(From Mod 1):

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

Emission Unit: U-P6001 Emission Unit Description:

Emission Unit consists of 6 ton hot mix asphalt batch plant which is capable of burning natural gas, #2 fuel oil, or waste fuel A.

Item 38.2(From Mod 0):

der this permit for:

Emission Unit: U-P3001 End Date: 03/31/2004

Emission Unit Description:

EMISSION UNIT CONSISTS OF 3-TON HOT MIX ASPHALT BATCH PLANT WHICH IS CAPABLE OF



BURNING NATURAL GAS OR FUEL OIL.

Item 38.3(From Mod 0):

der this permit for:

Emission Unit: U-P4001 End Date: 03/31/2004

Emission Unit Description:

EMISSION UNIT CONSISTS OF 4 TON HOT MIX ASPHALT BATCH PLANT WHICH IS CAPABLE OF

BURNING NATURAL GAS OR FUEL OIL.

Condition 1-16: Facility Permissible Emissions

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7

Item 1-16.1:

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

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

CAS No: 000630-08-0 (From Mod 1) PTE: 198,936 pounds per year

Name: CARBON MONOXIDE

Condition 1-17: Capping Monitoring Condition

1/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7

Item 1-17.1:

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

6NYCRR 201-6.1(a)

Item 1-17.2:

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

Item 1-17.3:

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



Item 1-17.4:

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

Item 1-17.5:

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

Item 1-17.6:

ned for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 1-17.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The total production for all batch asphalt plants at this facility is limited to cap the carbon monoxide emissions below 99 tons per year. The limit is based on USEPA AP-42 emission factor of 0.4 lb of CO per ton of asphalt as of February, 2003.

Parameter Monitored: ASPHALTIC CONCRETE

Upper Permit Limit: 495000 tons 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 1/30/2005.

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

Condition 40: Air pollution prohibited

Effective between the dates of 02/14/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 40.1:

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 1-18: Compliance Demonstration

Effective between the dates of 06/03/2004 and Permit Expiration Date

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

Item 1-18.1:

ned for the Facility.

Item 1-18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

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

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

Condition 1-19: Compliance Demonstration

Effective between the dates of 06/03/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 225-1.8

Item 1-19.1:

ned for the Facility.

Item 1-19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

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An owner or operator of a facility which purchases and fires coal and/or oil shall submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**** Emission Unit Level ****

Applicable State Requirement: 6NYCRR 201-5

Item 42.1(From Mod 1):

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

Emission Unit: U-P6001

Emission Point: P6001

Height (ft.): 30 Diameter (in.): 48 NYTMN (km.): 4779.6 NYTME (km.): 298.2

Item 42.2(From Mod 0):

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

Emission Unit: U-P3001

Emission Point: P3001

Height (ft.): 38 Length (in.): 53 Width (in.): 38

NYTMN (km.): 4779.821 NYTME (km.): 298.229

Item 42.3(From Mod 0):

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

Emission Unit: U-P4001

Emission Point: P4001

Height (ft.): 35 Length (in.): 48 Width (in.): 48

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NYTMN (km.): 4779.821 NYTME (km.): 298.229

Condition 43: Process Definition By Emission Unit

Effective between the dates of 02/14/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 43.1(From Mod 1):

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

Emission Unit: U-P6001

Process: P6F Source Classification Code: 3-05-002-05

Process Description:

6-ton hot mix asphalt batch plant burning #2 fuel oil.

Emission Source/Control: P60BH - Control

Control Type: FABRIC FILTER

Emission Source/Control: P60PC - Control

Control Type: CENTRIFUGAL

Emission Source/Control: P6001 - Process Design Capacity: 360 tons per hour

Item 43.2(From Mod 1):

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

Emission Unit: U-P6001

Process: P6G Source Classification Code: 3-05-002-05

Process Description:

6-ton hot mix asphalt batch plant burning natural gas.

Emission Source/Control: P60BH - Control

Control Type: FABRIC FILTER

Emission Source/Control: P60PC - Control

Control Type: CENTRIFUGAL

Emission Source/Control: P6001 - Process Design Capacity: 360 tons per hour

Item 43.3(From Mod 1):

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

Emission Unit: U-P6001

Process: P6U Source Classification Code: 3-05-002-05

Process Description:

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6-ton hot mix asphalt batch plant burning waste fuel A.

Emission Source/Control: P60BH - Control

Control Type: FABRIC FILTER

Emission Source/Control: P60PC - Control

Control Type: CENTRIFUGAL

Emission Source/Control: P6001 - Process Design Capacity: 360 tons per hour

Item 43.4(From Mod 0):

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

Emission Unit: U-P3001

Process: P3F Source Classification Code: 3-05-002-05

Process End Date: 3/31/2004

Process Description:

PRODUCTION OF ASPHALTIC CONCRETE BY 3-TON

HMA BATCH PLANT USING FUEL OIL.

Emission Source/Control: P30BH - Control

Control Type: FABRIC FILTER

Emission Source/Control: P30PC - Control

Control Type: CENTRIFUGAL

Emission Source/Control: P3001 - Process

Item 43.5(From Mod 0):

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

Emission Unit: U-P3001

Process: P3G Source Classification Code: 3-05-002-05

Process End Date: 3/31/2004

Process Description:

PRODUCTION OF ASPHALTIC CONCRETE BY 3-TON HMA BATCH PLANT USING NATURAL GAS AS FUEL.

Emission Source/Control: P30BH - Control

Control Type: FABRIC FILTER

Emission Source/Control: P30PC - Control

Control Type: CENTRIFUGAL

Emission Source/Control: P3001 - Process



Item 43.6(From Mod 0):

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

Emission Unit: U-P4001

Process: P4F Source Classification Code: 3-05-002-05

Process End Date: 3/31/2004

Process Description:

PRODUCTION OF ASPHALTIC CONCRETE BY A 4-TON HMA BATCH PLANT USING FUEL OIL.

Emission Source/Control: P40BH - Control

Control Type: FABRIC FILTER

Emission Source/Control: P40PC - Control

Control Type: CENTRIFUGAL

Emission Source/Control: P4001 - Process

Item 43.7(From Mod 0):

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

Emission Unit: U-P4001

Process: P4G Source Classification Code: 3-05-002-05

Process End Date: 3/31/2004

Process Description:

PRODUCTION OF ASPHALTIC CONCRETE BY A 4-TON HMA BATCH PLANT USING NATURAL GAS AS

FUEL.

Emission Source/Control: P40BH - Control

Control Type: FABRIC FILTER

Emission Source/Control: P40PC - Control

Control Type: CENTRIFUGAL

Emission Source/Control: P4001 - Process

Condition 1-20: Process Permissible Emissions

1/2004 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-7

Item 0-20.1:

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-P3001 Process: P3G

 $CAS\ No:\ 000630\text{-}08\text{-}0\qquad (From\ Mod\ 0)$

Name: CARBON MONOXIDE

PTE(s): 61.2 pounds per hour 85,000 pounds per year

Emission Unit: U-P4001 Process: P4G

CAS No: 000630-08-0 (From Mod 0)

Name: CARBON MONOXIDE

PTE(s): 81.6 pounds per hour 113,900 pounds per year