



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-4338-00004/00007
Effective Date: 03/26/2014 Expiration Date: 03/25/2024

Permit Issued To: CARVER SAND & GRAVEL LLC
494 WESTERN TPKE
ALTAMONT, NY 12009

Facility: MASICK PIT
4860 ST RTE 30
SCHOHARIE, NY 12157

Contact: CARVER SAND & GRAVEL LLC
494 WESTERN TPKE
ALTAMONT, NY 12009
(518) 355-6034

Description:

This facility operates two hot mix asphalt plants, a crushed stone plant, and a lime plant. The crushed stone plant consists of a main aggregate plant, a portable crushing and screening plant, and a wash plant. The hot mix asphalt plant consists of a 400 ton/hr drum plant. All equipment except for portable aggregate equipment is powered by line power. A backup diesel genset is used in case of power outages. The facility is capped at 79.9 tons per year or less of NOx, PM-10, and carbon monoxide.

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: MARTHA A BELLINGER
NYSDEC REG 4
65561 ST RTE 10 STE 1
STAMFORD, NY 12167

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

Condition 5: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

Permit ID: 4-4338-00004/00007

Facility DEC ID: 4433800004



Permit Under the Environmental Conservation Law (ECL)

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

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494 WESTERN TPKE
ALTAMONT, NY 12009

Facility: MASICK PIT
4860 ST RTE 30
SCHOHARIE, NY 12157

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

Permit Effective Date: 03/26/2014

Permit Expiration Date: 03/25/2024



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-7.1: Facility Permissible Emissions
- *2 6 NYCRR 201-7.1: Capping Monitoring Condition
- *3 6 NYCRR 201-7.1: Capping Monitoring Condition
- *4 6 NYCRR 201-7.1: Capping Monitoring Condition
- 5 6 NYCRR 211.1: Air pollution prohibited
- 6 6 NYCRR 211.1: Fugitive Dust Control Plan
- 7 6 NYCRR 211.1: Compliance Demonstration
- 8 6 NYCRR 212.5 (e): Sources meeting Federal requirements, satisfy Part 212 compliance for regulated contaminant
- 9 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 10 40CFR 60.670(f), NSPS Subpart OOO: applicability of subpart A
- 11 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 12 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 13 40CFR 60.676(a), NSPS Subpart OOO: Compliance Demonstration

Emission Unit Level

- 14 6 NYCRR 201-7.1: Emission Unit Permissible Emissions
- 15 6 NYCRR 201-7.1: Process Permissible Emissions
- 16 6 NYCRR 227-1.3 (a): Compliance Demonstration

EU=1-MASIK,Proc=P08

- 17 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 18 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 19 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 20 6 NYCRR 225-2.4 (b): Compliance Demonstration
- 21 6 NYCRR 225-2.4 (b): Compliance Demonstration

EU=1-MASIK,EP=DRUM1,Proc=P08

- 22 6 NYCRR 225-2.3 (b) (3): Compliance Demonstration
- 23 40CFR 60.92(a)(1), NSPS Subpart I: Compliance Demonstration
- 24 40CFR 60.92(a)(2), NSPS Subpart I: Compliance Demonstration

EU=1-MASIK,EP=EP004,Proc=P01,ES=904CR

- 25 6 NYCRR 212.6 (a): Compliance Demonstration

EU=1-MASIK,EP=EP004,Proc=P01,ES=917SC

- 26 6 NYCRR 212.6 (a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 27 ECL 19-0301: Contaminant List
- 28 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 29 6 NYCRR Subpart 201-5: Emission Unit Definition
- 30 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 31 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 32 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level



- 33 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 34 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 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 - 6 NYCRR 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 - 6 NYCRR 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 - 6 NYCRR 201-1.2

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

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: 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 M: 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: Facility Permissible Emissions



Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 1.1:

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 PTE: 159,800 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY075-00-5 PTE: 159,800 pounds per year
Name: PM-10

CAS No: 0NY210-00-0 PTE: 159,800 pounds per year
Name: OXIDES OF NITROGEN

Condition 2: Capping Monitoring Condition

Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 2.1:

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:

6 NYCRR 201-6.1 (a)

Item 2.2:

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

Item 2.3:

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 2.4:

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 2.5:

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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 2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: ONY075-00-5 PM-10

Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall maintain records on site which indicate the emissions of PM-10 will be less than or equal to 159,800 lbs. over and twelve (12) consecutive months.

The PM-10 emissions will be tracked monthly and on a twelve (12) month rolling average basis, using production data and published emission factors to calculate the actual emissions. The facility shall maintain records of the monthly and twelve (12) month rolling average emissions totals and the calculations, production data, and other information used to determine the monthly and twelve (12) month rolling average emissions on site.

The facility shall maintain all records on site for a period of five (5) years and make them available to Department representatives upon request.

Parameter Monitored: PM-10

Upper Permit Limit: 159800 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 3: Capping Monitoring Condition

Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

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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:

6 NYCRR 201-6.1 (a)

Item 3.2:

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

Item 3.3:

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

Item 3.4:

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

Item 3.5:

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

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall maintain records on site which indicate the emissions of NO_x will be less than or equal to 159,800 lbs. over and twelve (12) consecutive months.

The NO_x emissions will be tracked monthly and on a twelve (12) month rolling average basis, using production data and published emission factors to calculate the actual emissions. The facility shall maintain records of the



monthly and twelve (12) month rolling average emissions totals and the calculations, production data, and other information used to determine the monthly and twelve (12) month rolling average emissions on site.

The facility shall maintain all records on site for a period of five (5) years and make them available to Department representatives upon request.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 159800 pounds per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 4: Capping Monitoring Condition
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 4.1:

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:

6 NYCRR 201-6.1 (a)

Item 4.2:

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

Item 4.3:

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 4.4:

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 4.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement,

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for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility shall maintain records on site which indicate the emissions of carbon monoxide (CO) will be less than or equal to 159,800 lbs. over and twelve (12) consecutive months.

The CO emissions will be tracked monthly and on a twelve (12) month rolling average basis, using production data and published emission factors to calculate the actual emissions. The facility shall maintain records of the monthly and twelve (12) month rolling average emissions totals and the calculations, production data, and other information used to determine the monthly and twelve (12) month rolling average emissions on site.

The facility shall maintain all records on site for a period of five (5) years and make them available to Department representatives upon request.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 159800 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 5: Air pollution prohibited

Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 211.1

Item 5.1:

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 6: Fugitive Dust Control Plan
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 211.1

Item 6.1:

The facility shall suppress fugitive dust in accordance with their Fugitive Dust Control Plan. A copy of the Fugitive Dust Control Plan shall be maintained with the permit for this facility at all times.

Condition 7: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 211.1

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No waste oil is to be used for fugitive dust control.
Plant roadways and stockpiles must be watered and/or treated with an approved dust suppressant, as appropriate, and speed limited to preclude emissions of dust which is determined to be in violation of 6 NYCRR 211.2 which states:

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.

If complaints of current excess dust are received, then the facility must immediately apply corrective measure, as necessary to comply with the requirements of 6 NYCRR 211.2 as noted above. A log of any complaints received must be kept in a bound logbook or other format acceptable to the Department.

The following data must be recorded for each observation:

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The date and time of the complaint,
The name, address and phone # of the complainant (if given),
The complainants description of the complaint,
The facility's evaluation of the complaint, and
The corrective measures taken.

This logbook must be retained at the facility for five (5) years after the date of the last entry.

If complaints are received on more than one day per seven day period, then the owner or facility representative shall notify the Department by the next business day (Monday thru Friday) of these complaints.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: Sources meeting Federal requirements, satisfy Part 212 compliance for regulated contaminant Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 212.5 (e)

Replaces Condition(s) 1-10

Item 8.1:

A process emission source, subject to the Federal new source performance standards in 40 CFR Part 60, the national emission standards for hazardous air pollutants in 40 CFR part 61, or to the polychlorinated biphenyl disposal criteria in 40 CFR Part 761 satisfies the requirements of this Part for the contaminant regulated by the Federal standard if the source owner can demonstrate that the source is in compliance with the respective Federal regulation.

Condition 9: Applicability of Subpart A General Provisions Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Replaces Condition(s) 1-15

Item 9.1:

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

Condition 10: applicability of subpart A Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:40CFR 60.670(f), NSPS Subpart OOO

Item 10.1:

This Condition applies to:



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

Item 12.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MASIK Process: P01	Emission Source: 01502
Emission Unit: 1-MASIK Process: P01	Emission Source: 01503
Emission Unit: 1-MASIK Process: P01	Emission Source: 01504
Emission Unit: 1-MASIK Process: P01	Emission Source: 01505
Emission Unit: 1-MASIK Process: P01	Emission Source: 01506
Emission Unit: 1-MASIK Process: P01	Emission Source: 01507
Emission Unit: 1-MASIK Process: P01	Emission Source: 01508
Emission Unit: 1-MASIK Process: P01	Emission Source: 01509
Emission Unit: 1-MASIK Process: P01	Emission Source: 01510
Emission Unit: 1-MASIK Process: P01	Emission Source: 01511
Emission Unit: 1-MASIK Process: P01	Emission Source: 01512
Emission Unit: 1-MASIK Process: P01	Emission Source: 01513
Emission Unit: 1-MASIK Process: P01	Emission Source: 01514
Emission Unit: 1-MASIK Process: P01	Emission Source: 01515
Emission Unit: 1-MASIK Process: P01	Emission Source: 01516
Emission Unit: 1-MASIK	



Process: P01	Emission Source: 01517
Emission Unit: 1-MASIK Process: P01	Emission Source: 01518
Emission Unit: 1-MASIK Process: P01	Emission Source: 01519
Emission Unit: 1-MASIK Process: P01	Emission Source: 01520
Emission Unit: 1-MASIK Process: P01	Emission Source: 01521
Emission Unit: 1-MASIK Process: P01	Emission Source: 01522
Emission Unit: 1-MASIK Process: P01	Emission Source: 01523
Emission Unit: 1-MASIK Process: P01	Emission Source: 01524
Emission Unit: 1-MASIK Process: P01	Emission Source: 01525
Emission Unit: 1-MASIK Process: P01	Emission Source: 01526
Emission Unit: 1-MASIK Process: P01	Emission Source: 01527
Emission Unit: 1-MASIK Process: P01	Emission Source: 01528
Emission Unit: 1-MASIK Process: P01	Emission Source: 01529
Emission Unit: 1-MASIK Process: P01	Emission Source: 01530
Emission Unit: 1-MASIK Process: P01	Emission Source: 01531
Emission Unit: 1-MASIK Process: P01	Emission Source: 01532
Emission Unit: 1-MASIK Process: P01	Emission Source: 01533
Emission Unit: 1-MASIK Process: P01	Emission Source: 902SC



Emission Unit: 1-MASIK Process: P01	Emission Source: 905SC
Emission Unit: 1-MASIK Process: P01	Emission Source: 912SC
Emission Unit: 1-MASIK Process: P01	Emission Source: 922SC
Emission Unit: 1-MASIK Process: P01	Emission Source: 923SC
Emission Unit: 1-MASIK Process: P02	Emission Source: 01534
Emission Unit: 1-MASIK Process: P02	Emission Source: 01535
Emission Unit: 1-MASIK Process: P02	Emission Source: 01536
Emission Unit: 1-MASIK Process: P02	Emission Source: 01537
Emission Unit: 1-MASIK Process: P02	Emission Source: 01538
Emission Unit: 1-MASIK Process: P02	Emission Source: 01539
Emission Unit: 1-MASIK Process: P02	Emission Source: 01540
Emission Unit: 1-MASIK Process: P02	Emission Source: 01541
Emission Unit: 1-MASIK Process: P02	Emission Source: 01542
Emission Unit: 1-MASIK Process: P02	Emission Source: 01543
Emission Unit: 1-MASIK Process: P02	Emission Source: 01544
Emission Unit: 1-MASIK Process: P02	Emission Source: 01545
Emission Unit: 1-MASIK Process: P02	Emission Source: 01546

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Emission Unit: 1-MASIK Process: P02	Emission Source: 01547
Emission Unit: 1-MASIK Process: P02	Emission Source: 919SC
Emission Unit: 1-MASIK Process: P02	Emission Source: 920SC
Emission Unit: 1-MASIK Process: P02	Emission Source: 924SC
Emission Unit: 1-MASIK Process: P03	Emission Source: 900SC
Emission Unit: 1-MASIK Process: P03	Emission Source: 901SC
Emission Unit: 1-MASIK Process: P03	Emission Source: 908C1
Emission Unit: 1-MASIK Process: P03	Emission Source: 909C1
Emission Unit: 1-MASIK Process: P03	Emission Source: 909C2
Emission Unit: 1-MASIK Process: P03	Emission Source: 910C1
Emission Unit: 1-MASIK Process: P03	Emission Source: 910C2
Emission Unit: 1-MASIK Process: P03	Emission Source: 910C3
Emission Unit: 1-MASIK Process: P03	Emission Source: 910C4
Emission Unit: 1-MASIK Process: P03	Emission Source: 910SC
Emission Unit: 1-MASIK Process: P03	Emission Source: 911C1
Emission Unit: 1-MASIK Process: P03	Emission Source: 911C2
Emission Unit: 1-MASIK Process: P03	Emission Source: 911C3
Emission Unit: 1-MASIK	

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Process: P03

Emission Source: 911C4

Emission Unit: 1-MASIK

Process: P03

Emission Source: 911SC

Item 12.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility (as defined in 40 CFR 60.670(a)(1)) any fugitive emissions which exhibit greater than 10 percent opacity, except as provided in 40 CFR 60.672(c), (d), and (e).

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration

Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement: 40CFR 60.676(a), NSPS Subpart OOO

Item 13.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MASIK

Process: P01

Emission Unit: 1-MASIK

Process: P02

Emission Unit: 1-MASIK

Process: P03

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All items listed in 60.676(a) shall be reported no later than 60 days before actual reconstruction or replacement commences.



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**** Emission Unit Level ****

Condition 14: Emission Unit Permissible Emissions
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 14.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 1-MASIK

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 120.8 pounds per hour

159,800 pounds per year

CAS No: 0NY075-00-5

Name: PM-10

PTE(s): 18.24 pounds per hour

159,800 pounds per year

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 36 pounds per hour

159,800 pounds per year

Condition 15: Process Permissible Emissions
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 15.1:

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: 1-MASIK

Process: P04

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 2.9 pounds per hour

8,617 pounds per year

Emission Unit: 1-MASIK

Process: P05



CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 5.9 pounds per hour
5,913 pounds per year
Emission Unit: 1-MASIK Process: P08

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 53 pounds per hour
132,529 pounds per year
Emission Unit: 1-MASIK Process: P01

CAS No: 0NY075-00-5
Name: PM-10
PTE(s): 1.5 pounds per hour
13,016 pounds per year
Emission Unit: 1-MASIK Process: P02

CAS No: 0NY075-00-5
Name: PM-10
PTE(s): 0.5 pounds per hour
4,473 pounds per year
Emission Unit: 1-MASIK Process: P03

CAS No: 0NY075-00-5
Name: PM-10
PTE(s): 12 pounds per hour
104,987 pounds per year
Emission Unit: 1-MASIK Process: P04

CAS No: 0NY075-00-5
Name: PM-10
PTE(s): 0.9 pounds per hour
2,838 pounds per year
Emission Unit: 1-MASIK Process: P05

CAS No: 0NY075-00-5
Name: PM-10
PTE(s): 0.8 pounds per hour
753 pounds per year
Emission Unit: 1-MASIK Process: P08

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



PTE(s): 9.6 pounds per hour
24,108 pounds per year
Emission Unit: 1-MASIK Process: P04
CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 13.3 pounds per hour
39,990 pounds per year
Emission Unit: 1-MASIK Process: P05
CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 25.8 pounds per hour
25,800 pounds per year
Emission Unit: 1-MASIK Process: P08
CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 22 pounds per hour
55,000 pounds per year

Condition 16: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Item 16.1:

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

Emission Unit: 1-MASIK
Process: P04

Emission Unit: 1-MASIK
Process: P05

Item 16.2:

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 exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.



The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 17: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Replaces Condition(s) 2-9, 3-21

Item 17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK
Process: P08

Regulated Contaminant(s):



CAS No: 001336-36-3 POLYCHLORINATED BIPHENYL

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The concentration of polychlorinated biphenyls (PCBs) shall not exceed 50 parts per million (ppm) by weight excluding water.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 50 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 18: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Replaces Condition(s) 2-10, 3-22

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK

Process: P08

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The concentration of total halogens in the waste oil shall not exceed 1,000 parts per million.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 1000 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

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Condition 19: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Replaces Condition(s) 2-11, 3-23

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK

Process: P08

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The minimum fuel heat content of the waste oil shall be
at least 125,000 BTU/gallon on fuel.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: HEAT CONTENT

Lower Permit Limit: 125000 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 20: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Replaces Condition(s) 3-24

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK

Process: P08

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Sulfur content of waste fuels A and B shall not exceed
the limit cited below.

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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 21: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Replaces Condition(s) 2-12, 3-25

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK
Process: P08

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The total concentration of lead in the waste fuel shall not exceed 250 parts per million.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: WASTE OIL
Parameter Monitored: CONCENTRATION
Upper Permit Limit: 250 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 22: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Replaces Condition(s) 2-8, 3-20

Item 22.1:

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The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK
Process: P08

Emission Point: DRUM1

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

At a minimum, this process must demonstrate to the Department, that it can operate at a combustion efficiency of at least 99 percent while burning waste fuel A.

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99 percent

Reference Test Method: EPA Method X

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 23: Compliance Demonstration

Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:40CFR 60.92(a)(1), NSPS Subpart I

Replaces Condition(s) 3-29

Item 23.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MASIK
Process: P08

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.04 (90 mg/dscm) grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.04 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

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METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 24: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:40CFR 60.92(a)(2), NSPS Subpart I

Item 24.1:

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

Emission Unit: 1-MASIK
Process: P08

Item 24.2:

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. Performance testing to demonstrate the compliance status of this emission source shall be performed at the monitoring frequency shown below.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA RM 9
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 25: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK Emission Point: EP004
Process: P01 Emission Source: 904CR

Item 25.2:

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

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percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MASIK

Emission Point: EP004

Process: P01

Emission Source: 917SC

Item 26.2:

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. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION





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

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

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

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

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 27: Contaminant List
Effective between the dates of 03/26/2014 and 03/25/2024



Applicable State Requirement:ECL 19-0301

Item 27.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 001336-36-3
Name: POLYCHLORINATED BIPHENYL

CAS No: 007439-92-1
Name: LEAD

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

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

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

**Condition 28: Malfunctions and start-up/shutdown activities
Effective between the dates of 03/26/2014 and 03/25/2024**

Applicable State Requirement:6 NYCRR 201-1.4

Item 28.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working

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hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 29: Emission Unit Definition
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 29.1:

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

Emission Unit: 1-MASIK

Emission Unit Description:

1-MASIK is composed of fixed and portable aggregate crushing and screening equipment; an aggregate wash plant; an agricultural lime plant; and two hot mix bituminous asphalt drum plant. The fixed aggregate crushing and screening equipment includes 4 crushers, 8 screens and multiple conveyors. Dust is controlled by wet suppression. Power is supplied by line power. One diesel generator rated at greater than 600 hP is used as an emergency backup. The portable aggregate equipment includes 3 crushers, 4 screens, and multiple conveyors. Dust is controlled by wet suppression. Power is supplied by diesel engine. The hot mix asphalt facilities include one 400-ton hot mix counterflow drum plant and one 2.5 ton per hour batch hot mix plant. The plants use baghouses for dust control. Fuel for the burner is supplied by either fuel oil or recycled oil.

Condition 30: Renewal deadlines for state facility permits
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 30.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

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Condition 31: Compliance Demonstration
Effective between the dates of 03/26/2014 and 03/25/2024

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

Item 31.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 4
1130 N. Westcott Rd.
Schenectady, NY 12306

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 32: Visible Emissions Limited
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable State Requirement:6 NYCRR 211.2

Item 32.1:

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

**** Emission Unit Level ****

Condition 33: Emission Point Definition By Emission Unit
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 33.1:

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

Emission Unit: 1-MASIK



Emission Point: DRUM1
Height (ft.): 46 Diameter (in.): 54
NYTMN (km.): 4720.46 NYTME (km.): 556.1

Emission Point: EP004
Height (ft.): 12 Diameter (in.): 6
NYTMN (km.): 4720.2 NYTME (km.): 556.

Emission Point: EP005
Height (ft.): 11 Diameter (in.): 6
NYTMN (km.): 4720.2 NYTME (km.): 556.

Emission Point: EP006
Height (ft.): 35 Diameter (in.): 24
NYTMN (km.): 4720.46 NYTME (km.): 556.1

Emission Point: EP007
Height (ft.): 33 Diameter (in.): 48
NYTMN (km.): 4720.2 NYTME (km.): 556.

Condition 34: Process Definition By Emission Unit
Effective between the dates of 03/26/2014 and 03/25/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 34.1:

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

Emission Unit: 1-MASIK
Process: P01 Source Classification Code: 3-05-020-99
Process Description:
This process consists of fixed crushing, screening, and conveying aggregate process equipment. Dust is controlled by wet suppression. Power is supplied by line power.

Emission Source/Control: 01502 - Process

Emission Source/Control: 01503 - Process

Emission Source/Control: 01504 - Process

Emission Source/Control: 01505 - Process

Emission Source/Control: 01506 - Process

Emission Source/Control: 01507 - Process

Emission Source/Control: 01508 - Process

Emission Source/Control: 01509 - Process



- Emission Source/Control: 01510 - Process
- Emission Source/Control: 01511 - Process
- Emission Source/Control: 01512 - Process
- Emission Source/Control: 01513 - Process
- Emission Source/Control: 01514 - Process
- Emission Source/Control: 01515 - Process
- Emission Source/Control: 01516 - Process
- Emission Source/Control: 01517 - Process
- Emission Source/Control: 01518 - Process
- Emission Source/Control: 01519 - Process
- Emission Source/Control: 01520 - Process
- Emission Source/Control: 01521 - Process
- Emission Source/Control: 01522 - Process
- Emission Source/Control: 01523 - Process
- Emission Source/Control: 01524 - Process
- Emission Source/Control: 01525 - Process
- Emission Source/Control: 01526 - Process
- Emission Source/Control: 01527 - Process
- Emission Source/Control: 01528 - Process
- Emission Source/Control: 01529 - Process
- Emission Source/Control: 01530 - Process
- Emission Source/Control: 01531 - Process
- Emission Source/Control: 01532 - Process
- Emission Source/Control: 01533 - Process
- Emission Source/Control: 902CR - Process
- Emission Source/Control: 902SC - Process



- Emission Source/Control: 904CR - Process
- Emission Source/Control: 905SC - Process
- Emission Source/Control: 912FM - Process
- Emission Source/Control: 912SC - Process
- Emission Source/Control: 917SC - Process
- Emission Source/Control: 921CR - Process
- Emission Source/Control: 922SC - Process
- Emission Source/Control: 923SC - Process

Item 34.2:

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

Emission Unit: 1-MASIK
Process: P02 Source Classification Code: 3-05-020-99
Process Description:
This process consists of agricultural lime manufacturing by fine crushing, screening, and conveying of limestone. Dust is controlled by a baghouse. Power is supplied by line power.

- Emission Source/Control: 925BH - Control
Control Type: FABRIC FILTER
- Emission Source/Control: 01534 - Process
- Emission Source/Control: 01535 - Process
- Emission Source/Control: 01536 - Process
- Emission Source/Control: 01537 - Process
- Emission Source/Control: 01538 - Process
- Emission Source/Control: 01539 - Process
- Emission Source/Control: 01540 - Process
- Emission Source/Control: 01541 - Process
- Emission Source/Control: 01542 - Process
- Emission Source/Control: 01543 - Process
- Emission Source/Control: 01544 - Process

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Emission Source/Control: 01545 - Process

Emission Source/Control: 01546 - Process

Emission Source/Control: 01547 - Process

Emission Source/Control: 914CR - Process

Emission Source/Control: 919SC - Process

Emission Source/Control: 920SC - Process

Emission Source/Control: 924SC - Process

Item 34.3:

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

Emission Unit: 1-MASIK

Process: P03

Source Classification Code: 3-05-020-99

Process Description:

This process consists of portable aggregate crushing, screening, and conveying aggregate process equipment. Dust is controlled by wet suppression. Power is supplied by one diesel engine rated at greater than 400 hp and multiple diesel engines rates at less than 400 hp. The portable equipment is typically self contained where the crusher and/or screen sits on a chassis that also contains the diesel engine and conveyors.

Emission Source/Control: 900SC - Process

Emission Source/Control: 901SC - Process

Emission Source/Control: 906CR - Process

Emission Source/Control: 908C1 - Process

Emission Source/Control: 908CR - Process

Emission Source/Control: 909C1 - Process

Emission Source/Control: 909C2 - Process

Emission Source/Control: 909CR - Process

Emission Source/Control: 910C1 - Process

Emission Source/Control: 910C2 - Process

Emission Source/Control: 910C3 - Process

Emission Source/Control: 910C4 - Process



Emission Source/Control: 910SC - Process

Emission Source/Control: 911C1 - Process

Emission Source/Control: 911C2 - Process

Emission Source/Control: 911C3 - Process

Emission Source/Control: 911C4 - Process

Emission Source/Control: 911SC - Process

Item 34.4:

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

Emission Unit: 1-MASIK

Process: P04

Source Classification Code: 2-01-001-02

Process Description:

Diesel engines are used to supply power to run the portable aggregate process plants. One diesel engine is rated in excess of 400 hp, while all other engines are less than 400 hp.

Emission Source/Control: 908GN - Combustion

Item 34.5:

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

Emission Unit: 1-MASIK

Process: P05

Source Classification Code: 2-01-001-02

Process Description:

A diesel powered genset is used to provide emergency backup power at times when the line power is unavailable. The unit is considered exempt if the facility operates the unit less than 500 hours per rolling 12-month period. The facility must keep monthly records of the hours of operation for this unit in order to consider it exempt from permitting.

Emission Source/Control: M0EGN - Combustion

Item 34.6:

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

Emission Unit: 1-MASIK

Process: P08

Source Classification Code: 3-05-002-05

Process Description:

This process consists of all activities associated with the 400 ton/hr counterflow drum hot mix asphalt plant. The hot mix plant includes a baghouse to control dust. It will be dual fueled using either fuel oil or recycled oil



to fire the burner. Power is supplied by line power.

Emission Source/Control: D55BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: D55HM - Process
Design Capacity: 400 tons per hour

