



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-2238-00043/00003
Effective Date: 02/21/2018 Expiration Date: 02/20/2028

Permit Issued To: JOHN VESPA INC
19626 OVERLOOK DR
WATERTOWN, NY 13601-5443

Contact: JOHN VESPA INC
Attn: Jon Vespa
19626 OVERLOOK DR
WATERTOWN, NY 13601-5443
(315) 788-6330

Facility: ARSENAL STONE QUARRY
19199 Concrete Dr
Hounsfield, NY 13685

Contact: JOHN VESPA INC
19626 OVERLOOK DR
WATERTOWN, NY 13601-5443
(315) 788-6330

Description:

This permit provides regulatory authorization to operate air pollution sources under a renewal of an existing State Facility Permit. For the purposes of this permit, this facility is engaged in the the crushing, screening and conveying of limestone aggregate and also in the operation of five stationary diesel engines that power the above-referenced mining equipment. The Standard Industrial Classifications representative of this facility is 1422 (Crushed & Broken Limestone). The main source of air emissions originates from aggregate dust and also from diesel engine emissions. With respect to air pollution regulation, the emissions of concern at the Arsenal Stone Quarry are particulate matter, NO_x, carbon monoxide and sulfur dioxide. This permit has caps on PM-10 and on NO_x.



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 6 SUBOFFICE - UTICA



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 the expiration of permits for Title V and 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 6
SUBOFFICE - UTICA
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 6 Sub-office
Division of Environmental Permits
State Office Building, 207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555

New York State Department of Environmental Conservation

Permit ID: 6-2238-00043/00003

Facility DEC ID: 6223800043



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: JOHN VESPA INC
19626 OVERLOOK DR
WATERTOWN, NY 13601-5443

Facility: ARSENAL STONE QUARRY
19199 Concrete Dr
Hounsfield, NY 13685

Authorized Activity By Standard Industrial Classification Code:
1422 - CRUSHED AND BROKEN LIMESTONE

Permit Effective Date: 02/21/2018

Permit Expiration Date: 02/20/2028



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 4 6 NYCRR 211.1: Air pollution prohibited
- 5 6 NYCRR 211.1: Compliance Demonstration
- 6 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 7 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 8 40CFR 60.4211(c), NSPS Subpart IIII: Compliance Demonstration
- 9 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 10 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 11 40CFR 60.676(a), NSPS Subpart OOO: Reporting and Recordkeeping for Replacement of Equipment
- 12 40CFR 60.676(f), NSPS Subpart OOO: Compliance Demonstration
- 13 40CFR 63.Table(2)(d), Subpart ZZZZ: Compliance Demonstration
- 14 40CFR 63.6603(a), Subpart ZZZZ: Compliance Demonstration

Emission Unit Level

- 15 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 16 ECL 19-0301: Contaminant List
- 17 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 18 6 NYCRR Subpart 201-5: Emission Unit Definition
- 19 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 20 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 21 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 22 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 23 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: 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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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 L: 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 02/21/2018 and 02/20/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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: 0NY075-00-5 PTE: 160,000 pounds per year
Name: PM-10

CAS No: 0NY210-00-0 PTE: 160,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 2: Capping Monitoring Condition
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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

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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:

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:

CAP:

Facility owner shall ensure that facility-wide emissions of particulate matter that are less than 10 microns in mean aerodynamic diameter (PM-10), including those from permitted, exempt, and trivial sources, remain less than 160,000 pounds during any consecutive 365 day period.

RECORDS:

Facility owner shall maintain records that verify the facility's monthly PM-10 emissions. These records shall be maintained at the facility for a minimum five year period.

REPORTS:

Reports shall be submitted annually, in a format acceptable to the Department, which document that the facility's PM-10 emissions during any consecutive 365 day period were less than 160,000 pounds. The annual monitoring report shall include information that documents the PM-10 emissions from each emission source at the facility, including exempt and trivial activities. If requested, the report shall also include all emission

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factors and other data used to calculate the monthly PM-10 emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

Any noncompliance with the PM-10 emission limit in this condition shall be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence.

Parameter Monitored: PM-10

Upper Permit Limit: 160,000 pounds per year

Reference Test Method: EPA Reference Methods 1 thru 5 + 202

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 1/30/2019.

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

**Condition 3: Capping Monitoring Condition
Effective between the dates of 02/21/2018 and 02/20/2028**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3.1:

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 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:

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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 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:

CAP:

Facility owner shall ensure that the facility-wide emissions of oxides of nitrogen (NOx), including those from permitted, exempt, and trivial sources, remain less than 160,000 pounds during any consecutive 365 day period.

RECORDS:

Facility owner shall maintain records that verify the facility's monthly NOx emissions. These records shall be maintained at the facility for a minimum five year period.

REPORTS:

Reports shall be submitted annually, in a format acceptable to the Department, which document that the facility's NOx emissions during any consecutive 365 day period were less than 160,000 pounds. The annual monitoring report shall include information that documents the NOx emissions from each emission source at the facility, including exempt and trivial activities. If requested, the report shall also include all emission factors and other data used in calculating the monthly NOx emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

Any noncompliance with the NOx emission limit in this condition shall be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 160,000 pounds per year

Reference Test Method: EPA Reference Method 7E

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 4: Air pollution prohibited
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement:6 NYCRR 211.1

Item 4.1:

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 5: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement:6 NYCRR 211.1

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall establish a complaint response procedure to manage complaints related to air emissions from this facility. The procedure shall be designed to ensure that complaints from officials or neighbors are adequately received and documented, and that appropriate response is taken by the facility. The facility shall:

1. Have a complaint phone line available 24 hours a day, 7 days a week; the employment of an answering machine is acceptable.
2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstance which is found to be the cause of the complaint.
4. Fully document the complaint, results of investigation, and action taken.
5. Annually, report in a format acceptable to the Department. Facility shall report the number of complaints

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(even if zero) that have been logged throughout the reporting period.

Monitoring Frequency: DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 6: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement:6 NYCRR 225-1.2 (h)

Item 6.1:

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

- Emission Unit: 1-ARSNL
Process: P01 Emission Source: CATR1
Emission Unit: 1-ARSNL
Process: P01 Emission Source: CUMMS
Emission Unit: 1-ARSNL
Process: P01 Emission Source: DETRT
Emission Unit: 1-ARSNL
Process: P01 Emission Source: DEUTZ
Emission Unit: 1-ARSNL
Process: P02 Emission Source: CATR2
Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 6.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Owners and/or operators of stationary combustion installations (diesels) that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent or less sulfur by weight on or after July 1, 2016. This fuel is also known as 15 ppm or as "Ultra Low Sulfur Diesel". Compliance with this limit shall be based upon fuel vendor certifications. It is the responsibility of the fuel user to only accept fuel deliveries that accompany fuel receipts that denote that fuels' sulfur content by weight. Facility shall state in each Annual



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Monitoring Report that it is either in compliance with -
or in violation of this Regulation.

Parameter Monitored: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 15 parts per million by weight

Reference Test Method: Monitor & Retain fuel receipts

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 7: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

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

Item 7.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-ARSNL	Emission Point: 00001
Emission Unit: 1-ARSNL	Emission Point: 00002
Emission Unit: 1-ARSNL	Emission Point: 00003
Emission Unit: 1-ARSNL	Emission Point: 00004
Emission Unit: 1-ARSNL	Emission Point: 00005

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 7.2:

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 (STATIONARY DIESELS) which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. In addition, 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 shall conduct observations of visible

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emissions from these emission points to which this condition applies at the monitoring frequency stated below while these sources are in operation. The permittee shall maintain records of these daily observations. The permittee shall 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 recordkeeping 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: Observe plume daily, perform RM9 at NYSDEC request
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 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 8: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement: 40CFR 60.4211(c), NSPS Subpart III

Item 8.1:

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

Emission Unit: 1-ARSNL
Process: P01
Emission Source: CUMMS

Regulated Contaminant(s):



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CAS No: 000050-00-0 FORMALDEHYDE
CAS No: 000630-08-0 CARBON MONOXIDE

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This Cummins stationary diesel (340 HP, MY 2008, Engine Family Number: 8CEXL0661AAJ) drives a genset that is built into an Eagle crusher. This RICE diesel is subject to 40 CFR 60 Subpart III; Vespa Inc will comply with Subpart III by the retention of an EPA Certificate of Conformity that is denoted with Engine Family Number: 8CEXL0661AAJ. The sulfur content of the #2 fuel oil shall not exceed 15 ppm.

The NYSDEC has not accepted delegation of 40 CFR 60-Subpart III; the USEPA is responsible for enforcement of Subpart III.

Reference Test Method: Retain a copy of the EPA Certificate of Conformity

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

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

Item 9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-ARSNL Process: P01	Emission Source: 000B1
Emission Unit: 1-ARSNL Process: P01	Emission Source: 000C1
Emission Unit: 1-ARSNL Process: P01	Emission Source: 000C2
Emission Unit: 1-ARSNL Process: P01	Emission Source: 000C3
Emission Unit: 1-ARSNL Process: P01	Emission Source: 000C4
Emission Unit: 1-ARSNL Process: P01	Emission Source: 000C5



Emission Unit: 1-ARSNL Process: P01	Emission Source: 000C6
Emission Unit: 1-ARSNL Process: P01	Emission Source: 000S1
Emission Unit: 1-ARSNL Process: P02	Emission Source: 000C7
Emission Unit: 1-ARSNL Process: P02	Emission Source: 000C8
Emission Unit: 1-ARSNL Process: P02	Emission Source: 000C9
Emission Unit: 1-ARSNL Process: P02	Emission Source: 000S2
Emission Unit: 1-ARSNL Process: P02	Emission Source: 00C10
Emission Unit: 1-ARSNL Process: P02	Emission Source: 00C11
Emission Unit: 1-ARSNL Process: P02	Emission Source: 00C12
Regulated Contaminant(s): CAS No: 0NY075-00-5	PM-10

Item 9.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Opacity limit for SCREENS, STORAGE BINS and for transfer points on BELT CONVEYORS:

- 1) Rule applies to fugitive emissions from sources without capture systems, or
- 2) Rule applies to fugitive emissions that escape an installed capture system
- 3) Source must have commenced construction, modification or reconstruction between 8/31/1983 and 4/22/2008

Opacity limit is 10% as measured by EPA Reference Method 9 (30 minute duration).

The affected source shall meet this fugitive emission



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limit and compliance requirements within 60 days after achieving the maximum production rate at which the facility will be operated, but not later than 180 days after the initial startup. (RM 9 is required after an initial startup of new equipment or after the startup of replacement equipment)

To report annual compliance: Facility shall observe visible emissions (not RM9) once each day that the Source is in operation and then log that observation. Observer may elect to observe groupings of equipment (observe a Process). Facility shall submit 12 monthly logs per year.

If heavy or unusual plumes are detected, facility shall perform root cause analysis and then follow-up corrective action. If heavy plumes persist for more than two consecutive days, facility shall then perform RM9 and then document this test.

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: Perform RM9 once, observe plume daily
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 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 10: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

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

Item 10.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-ARSNL
Process: P01 Emission Source: 00CR1
Emission Unit: 1-ARSNL
Process: P01 Emission Source: 00CR2
Emission Unit: 1-ARSNL
Process: P02 Emission Source: 00CR3
Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 10.2:

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Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Opacity limit for CRUSHERS:

- 1) Rule applies to fugitive emissions from crushers without capture systems
- 2) Source must have commenced construction, modification or reconstruction between 8/31/1983 and 4/22/2008

Opacity limit is 15% as measured by EPA Reference Method 9 (30 minute duration).

The affected source shall meet this fugitive emission limit and compliance requirements within 60 days after achieving the maximum production rate at which the facility will be operated, but not later than 180 days after the initial startup. (RM 9 required after an initial startup of new equipment)

To report annual compliance: Facility shall observe visible emissions (not RM9) once each day that the Source is in operation and then log that observation. Observer may elect to observe groupings of equipment (observe a Process). Facility shall submit 12 monthly logs per year.

If heavy or unusual plumes are detected, facility shall perform root cause analysis and then follow-up corrective action. If heavy plumes persist for more than two consecutive days, facility shall then perform RM9 and then document this test.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 percent

Reference Test Method: Perform RM9 once, observe plume daily

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 1/30/2019.

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

**Condition 11: Reporting and Recordkeeping for Replacement of Equipment
Effective between the dates of 02/21/2018 and 02/20/2028**

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

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Item 11.1:

This Condition applies to:

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000B1

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000C1

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000C2

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000C3

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000C4

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000C5

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000C6

Emission Unit: 1ARSNL
Process: P01 Emission Source: 000S1

Emission Unit: 1ARSNL
Process: P01 Emission Source: 00CR1

Emission Unit: 1ARSNL
Process: P01 Emission Source: 00CR2

Emission Unit: 1ARSNL
Process: P02 Emission Source: 000C7

Emission Unit: 1ARSNL
Process: P02 Emission Source: 000C8

Emission Unit: 1ARSNL
Process: P02 Emission Source: 000C9

Emission Unit: 1ARSNL
Process: P02 Emission Source: 000S2

Emission Unit: 1ARSNL
Process: P02 Emission Source: 00C10

Emission Unit: 1ARSNL
Process: P02 Emission Source: 00C11

Emission Unit: 1ARSNL

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Permit ID: 6-2238-00043/00003

Facility DEC ID: 6223800043



Process: P02

Emission Source: 00C12

Emission Unit: 1ARSNL

Process: P02

Emission Source: 00CR3

Item 11.2:

Each owner or operator seeking to comply with 40 CFR Part 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

(i) The total surface area of the top screen of the existing screening operation being replaced and

(ii) The total surface area of the top screen of the replacement screening operation.

(3) For a conveyor belt:

(i) The width of the existing belt being replaced and

(ii) The width of the replacement conveyor belt.

(4) For a storage bin:

(i) The rated capacity in megagrams or tons of the existing storage bin being replaced and

(ii) The rated capacity in megagrams or tons of replacement storage bins.

Condition 12: Compliance Demonstration

Effective between the dates of 02/21/2018 and 02/20/2028

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

Item 12.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Facility DEC ID: 6223800043



The facility shall submit written reports of all performance tests of all affected equipment, including opacity observations using Method 9 and Method 22.

Reference Test Method: Methods 9 & 22

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 13: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement: 40CFR 63. Table(2)(d), Subpart ZZZZ

Item 13.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-ARSNL

Process: P01

Emission Source: DEUTZ

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

CAS No: 000050-00-0

FORMALDEHYDE

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The RICE rule DOES APPLY to this non-emergency, non-black start compression ignition stationary engine that is less than or equal to 300 HP. Per Table 2d (in Subpart ZZZZ), this diesel shall comply by:

- 1) Changing the engine oil and filter every 1000 hours of operation or annually, whichever comes first.
- 2) Inspecting all hoses and belts every 500 hours of operation or annually, whichever comes first and replace as necessary.
- 3) Maintain written records of the above-referenced service.
- 3) Minimize this engine's time spent at idle and minimize this engine's startup phase to a period required for appropriate and safe loading of the engine, not to exceed 30 minutes.

The NYSDEC has not accepted delegation of Subpart ZZZZ; the USEPA is responsible for enforcement of Subpart ZZZZ.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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Condition 14: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement: 40CFR 63.6603(a), Subpart ZZZZ

Item 14.1:

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

Emission Unit: 1-ARSNL Process: P01	Emission Source: CATR1
Emission Unit: 1-ARSNL Process: P01	Emission Source: DETRT
Emission Unit: 1-ARSNL Process: P02	Emission Source: CATR2
Regulated Contaminant(s): CAS No: 000050-00-0	FORMALDEHYDE
CAS No: 000630-08-0	CARBON MONOXIDE

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The RICE Rule, 40 CFR 63.6603 (Table 2d) applies to the above compression ignition diesels. Because these engines are rated between 300 and 500 HP, Vespa Inc is required to either: limit the concentration of CO in the exhaust to 49 ppmvd @ 15% O₂ - or - to reduce CO emissions by 70% or more. This requires a stack test (once every three years or once per each 8,760 runtime hours, whichever comes first) and most likely, the installation of both a catalytic oxidizer and a datalogger; each of the above diesels require such performance testing. The NYSDEC has not accepted delegation of Subpart ZZZZ; the USEPA is responsible for enforcement of Subpart ZZZZ.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 49 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA Reference Method 10

Monitoring Frequency: Once every three years

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**** Emission Unit Level ****

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Condition 15: Emission Unit Permissible Emissions
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 15.1:

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-ARSNL

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 18.265 pounds per hour

160,000 pounds per year



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: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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 B: 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 C: 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 16: Contaminant List
Effective between the dates of 02/21/2018 and 02/20/2028**

Applicable State Requirement:ECL 19-0301

Item 16.1:

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

CAS No: 000050-00-0
Name: FORMALDEHYDE

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

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

CAS No: 0NY075-00-5

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Name: PM-10

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Condition 17: Malfunctions and start-up/shutdown activities
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable State Requirement:6 NYCRR 201-1.4

Item 17.1:

(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 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 18: Emission Unit Definition
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable State Requirement:6 NYCRR Subpart 201-5

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Item 18.1:

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

Emission Unit: 1-ARSNL

Emission Unit Description:

Emission unit 1-ARSNL consists of all operations at this facility. These operations include: Process P01 (the lower crushing plant) which is comprised of 6 conveyors, 2 impact crushers, 1 screen and 4 stationary diesels (2 gensets, 1 water pump & 1 direct drive) - and Process P02 (the upper wet plant) which is comprised of 6 conveyors, 1 impact crusher, 1 screen and 1 stationary diesel (genset).

Building(s): Quarry

**Condition 19: Renewal deadlines for state facility permits
Effective between the dates of 02/21/2018 and 02/20/2028**

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

Item 19.1:

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.

**Condition 20: Compliance Demonstration
Effective between the dates of 02/21/2018 and 02/20/2028**

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

Item 20.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 6
State Office Building
317 Washington Ave.
Watertown, NY 13601

Reporting Requirements: ANNUALLY (CALENDAR)

New York State Department of Environmental Conservation

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Facility DEC ID: 6223800043



Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 21: Visible Emissions Limited
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable State Requirement: 6 NYCRR 211.2

Item 21.1:

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 22: Emission Point Definition By Emission Unit
Effective between the dates of 02/21/2018 and 02/20/2028

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 22.1:

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

Emission Unit: 1-ARSNL

Emission Point: 00001

Height (ft.): 12	Diameter (in.): 8	
NYTMN (km.): 4868.264	NYTME (km.): 420.61	Building: Quarry

Emission Point: 00002

Height (ft.): 12	Diameter (in.): 8	
NYTMN (km.): 4868.264	NYTME (km.): 420.61	Building: Quarry

Emission Point: 00003

Height (ft.): 12	Diameter (in.): 8	
NYTMN (km.): 4868.264	NYTME (km.): 420.61	Building: Quarry

Emission Point: 00004

Height (ft.): 12	Diameter (in.): 8	
NYTMN (km.): 4868.264	NYTME (km.): 420.61	Building: Quarry

Emission Point: 00005

Height (ft.): 12	Diameter (in.): 8	
NYTMN (km.): 4868.264	NYTME (km.): 420.61	Building: Quarry

Condition 23: Process Definition By Emission Unit
Effective between the dates of 02/21/2018 and 02/20/2028



Applicable State Requirement:6 NYCRR Subpart 201-5

Item 23.1:

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

Emission Unit: 1-ARSNL

Process: P01

Source Classification Code: 3-05-020-03

Process Description:

Process P01 consists of all operations that occur in the lower plant, which is in the bottom levels of the pit. The lower plant is powered by 4 stationary diesels (2 gensets, 1 water pump & 1 direct drive crusher). Two impact crushers (a Missouri Rogers & a Boehringer RC10), 1 TD dry screen and 6 conveyors process the aggregate limestone.

Note: The Cummins diesel (Source: CUMMS) exhausts thru emission point 00001, the Deutz diesel (Source: DEUTZ) exhausts thru EP 00002, the lower plant Caterpillar genset (CATR1) exhausts thru EP 00003 and the Detroit diesel (Source: DETRT) exhausts thru EP.00004.

Emission Source/Control: CATR1 - Combustion
Design Capacity: 356 horsepower (mechanical)

Emission Source/Control: CUMMS - Combustion
Design Capacity: 340 horsepower (mechanical)

Emission Source/Control: DETRT - Combustion
Design Capacity: 375 horsepower (mechanical)

Emission Source/Control: DEUTZ - Combustion
Design Capacity: 54 horsepower (mechanical)

Emission Source/Control: 000B1 - Process

Emission Source/Control: 000C1 - Process
Design Capacity: 26 inches

Emission Source/Control: 000C2 - Process
Design Capacity: 24 inches

Emission Source/Control: 000C3 - Process
Design Capacity: 24 inches

Emission Source/Control: 000C4 - Process
Design Capacity: 24 inches

Emission Source/Control: 000C5 - Process
Design Capacity: 36 inches

Emission Source/Control: 000C6 - Process

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Design Capacity: 24 inches

Emission Source/Control: 000S1 - Process

Design Capacity: 96 square feet

Emission Source/Control: 00CR1 - Process

Design Capacity: 400 tons per hour

Emission Source/Control: 00CR2 - Process

Design Capacity: 175 tons per hour

Item 23.2:

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

Emission Unit: 1-ARSNL

Process: P02

Source Classification Code: 3-05-020-03

Process Description:

Process P02 consists of all operations that occur in the upper plant; all aggregate from this plant is washed to remove clay. Washed aggregate is used in an adjacent cement block plant (not Vespa). The upper plant is partially powered by 1 stationary diesel that drives a genset. Aggregate is handled by 1 impact crusher, 1 wet screen and 6 conveyors.

Note: The Cummins diesel (Source: CUMMS) exhausts thru emission point 00001.

Emission Source/Control: CATR2 - Combustion

Design Capacity: 371 horsepower (mechanical)

Emission Source/Control: 000C7 - Process

Emission Source/Control: 000C8 - Process

Emission Source/Control: 000C9 - Process

Emission Source/Control: 000S2 - Process

Emission Source/Control: 00C10 - Process

Emission Source/Control: 00C11 - Process

Emission Source/Control: 00C12 - Process

Emission Source/Control: 00CR3 - Process

Design Capacity: 60 tons per hour