

Administrative Hearing Request Checklist and Tracking Form

I. Document Being Appealed

Name of the Facility	Facility ID Number	Permit Activity Number	Issuance Date
WELDON QUARRY CO LLC	83008	PCP220001	

II. Contact Information

Name of Person Requesting Hearing	Name of Attorney (if applicable)
Address:	Address:
Telephone:	Telephone:

III. Please include the following information as part of your request:

- A. The date the permittee received the permit decision;
- B. Two printed copies of the document being appealed – for submitting to address 1 below;
A PDF copy of the document being appealed on a CD – for submitting to address 2 below
- C. The legal and factual questions you are appealing;
- D. A statement as to whether or not you raised each legal and factual issues during the permit application process;
- E. Suggested revised or alternative permit conditions;
- F. An estimate of the time required for the hearing;
- G. A request, if necessary, for a barrier-free hearing location for physically disabled persons;
- H. A clear indication of any willingness to negotiate a settlement with the Department prior to the Departments processing of your hearing request to the Office of Administrative Law;

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

- 1. New Jersey Department of Environmental Protection
Office of Legal Affairs
Attention: Adjudicatory Hearing Requests
401 E. State Street, P.O. Box 402
Trenton, New Jersey 08625
- 2. Mail Code: 401-02
New Jersey Department of Environmental Protection
Air Quality Program
P.O. Box 420
Trenton, New Jersey 08625-0420
Phone: (609) 633-2829

Signature

Date

Administrative Hearing Request Checklist and Tracking Form

IV. If you are not the applicant but rather an interested person claiming to be aggrieved by the permit decision, please include the following information:

1. The date you or your agent received notice of the permit decision (include a copy of that permit decision with your hearing request);
2. Evidence that a copy of the request has been delivered to the applicant for the permit which is the subject of the permit decision;
3. A detailed statement of which findings of fact and/or conclusion of law you are challenging;
4. A description of your participation in any public hearings held in connection with the permit application and copies of any written comments you submitted;
5. Whether you claim a statutory or constitutional right to a hearing, and, if you claim such a right, a reference to the applicable statute or explanation of how your property interests are affected by the permit decision;
6. If the appeal request concerns a CAFRA permit decision, evidence that a copy of the request has been delivered to the clerks of the county and the municipality in which the project which is the subject of the permit decision is located;
7. Suggested revised or alternative permit conditions;
8. An estimate of the time required for the hearing;
9. A request, if necessary, for a barrier-free hearing location for physically disable persons;
10. A clear indication of any willingness to negotiate a settlement with the Department prior to the Department's transmittal of the hearing request to the Office of Administrative Law;

Mail this form, completed, signed and dated with all of the information listed above, including attachment, to:

New Jersey Department of Environmental Protection
Office of Legal Affairs
Attention: Adjudicatory Hearing Requests
401 East State Street, P.O. Box 402
Trenton, New Jersey 08625-0402

Mail Code: 401-02
New Jersey Department of Environmental Protection
Air Quality Program
P.O. Box 420
Trenton, New Jersey 08625-0420
Phone: (609) 633-2829

Signature

Date

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

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Facility ID No.: 83008

Permit Activity No.: PCP220001

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AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section A

Facility Name: WELDON QUARRY CO LLC

Facility ID No.: 83008

Permit Activity No.: PCP220001

AUTHORIZED SOURCE OPERATIONS

This Preconstruction Permit and the Certificate to Operate for the following equipment is issued pursuant to N.J.A.C. 7:27-8.

Description of Source Activity

Source Operation Type: Non-metallic mineral processing

Source Operation Description: Integrated quarry operations consisting of primary and secondary crushing and screening operation. Water sprays used to control PM. Dust collector used to control emissions from Buell classifier.

Source Operation Details: The sources authorized by this permit shall be operated within the parameters specified in the Equipment, Control Device, and/or Emission Unit/Batch Process Operating Scenario Details of this permit. Operation of the authorized sources within these parameters is required in addition to compliance with the conditions specified in Section D— Facility Specific Requirements.

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section B

Facility Name: WELDON QUARRY CO LLC

Facility ID No.: 83008

Permit Activity No.: PCP220001

ACRONYMS

CEMS	Continuous Emissions Monitor System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COMS	Continuous Opacity Monitor System
EPA	United States Environmental Protection Agency
EMS	Emission Measurement Section - NJDEP
HAP	Hazardous Air Pollutant
N.J.A.C.	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
NOx	Oxides of Nitrogen
PM-2.5	All particulate matter having an aerodynamic diameter less than or equal to a nominal 2.5 microns
PM-10	All particulate matter having an aerodynamic diameter less than or equal to a nominal 10 microns
PST	Performance Specification Test
REO	Regional Enforcement Office - NJDEP
SO ₂	Sulfur Dioxide
TSP	Total Suspended Particulate Matter
VOC	Volatile Organic Compounds

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section C

Facility Name: WELDON QUARRY CO LLC

Facility ID No.: 83008

Permit Activity No.: PCP220001

GENERAL PROVISIONS AND AUTHORITIES Preconstruction Permits

1. The permittee shall not construct, reconstruct, install, or modify a significant source or control apparatus serving the significant source without first obtaining a preconstruction permit under N.J.A.C. 7:27-8. [N.J.A.C. 7:27-8.3(a)]
2. The permittee shall not operate (nor cause to be operated) a significant source or control apparatus serving the significant source without a valid operating certificate. [N.J.A.C. 7:27-8.3(b)]
3. Permit Revisions:

The permittee shall not take any action which requires a permit revision, compliance plan change, seven-day-notice change, amendment, or change to a batch plant permit, under any applicable provision at N.J.A.C. 7:27-8.17 through 8.23, without complying with that applicable provision.

The following summarize N.J.A.C. 7:27-8.18 through 8.21:

- a. The permittee shall file a permit revision request and receive approval from the Department prior to increasing any maximum allowable emission limit, increasing actual emissions, to a rate or concentration greater than a maximum allowable emission, causing the emissions of a new air contaminant, use a new raw material, reconstructing equipment, change the ground level concentration of an air contaminant in an area where the public has access, replace the permitted source, or constructing or installing a new significant source. [N.J.A.C. 7:27-8.18]
- b. The permittee shall file a compliance plan change request and receive approval from the Department prior to decreasing the frequency of testing, monitoring, recordkeeping, or reporting, changing the monitoring method, changing a level, rate, or limit of an operational parameter included in the conditions, or reducing a source's potential to emit. [N.J.A.C. 7:27-8.19]
- c. At least seven days prior to proceeding with a physical or operational change that is outside the scope of activities allowed by this permit, but will not increase emissions over the allowable emissions and will not alter the stack characteristics, the permittee shall file a seven-day-notice

change. The permittee may proceed with the proposed changes seven days after such notice is filed with the Department. [N.J.A.C. 7:27-8.20].

- d. The permittee shall file an amendment within 120 days of making any change of the information which allows the Department to identify and contact the permittee, changing the name, number or designation of any equipment or stack covered by this permit, changing the parameters of a stack in such a way to reduce the ground level concentration of an air contaminant, or correction of a typographical error that will not result in an increase of actual or allowable emissions. [N.J.A.C. 7:27-8.21]
The permittee shall review the provisions of N.J.A.C. 7:27-8.18 through 7:27-8.21 to determine the appropriate type of request to file.
4. The permittee shall make the preconstruction permit or certificate, together with any amendments, seven-day-notices, or other documents related to the permit and certificate, readily available for Department inspection on the operating premises. [N.J.A.C. 7:27-8.3(d)]
5. The permittee shall not use or cause to be used the equipment or control apparatus unless all components connected or attached to, or serving, the equipment or control apparatus, are functioning properly and are in compliance with the preconstruction permit and certificate and all conditions and provisions thereto. [N.J.A.C. 7:27-8.3(e)]
6. A preconstruction permit is not transferable either from the location authorized in the preconstruction permit to another location, or from any one piece of control apparatus or equipment to another piece of control apparatus or equipment. [N.J.A.C. 7:27-8.3(f)]
7. Once a permit or certificate is issued, the permittee is fully responsible for compliance with N.J.A.C. 7:27-8 and with the permit and certificate, including adequate design, construction, and operation of the source, even if employees, contractors, or others work on or operate the permitted source. If the Department issues any other requirement with the force of law, such as an order, which applies to the source, the permittee is also responsible for compliance with that requirement. [N.J.A.C. 7:27-8.3(g)]
8. Preconstruction permits and certificates do not any way relieve the permittee from the obligation to obtain necessary permits from other government agencies and to comply with all other applicable Federal, State, and local rules and regulations. [N.J.A.C. 7:27-8.3(h)]
9. The Department and its representatives have the right to enter and inspect any facility or property in accordance with N.J.A.C. 7:27-1.31. [N.J.A.C. 7:27-8.3(m)]
10. There shall be an affirmative defense to liability for penalties for a violation of a preconstruction permit or certificate occurring as a result of an equipment malfunction, an equipment start-up, an equipment shutdown, or during the performance of necessary maintenance. The affirmative defense shall be asserted

- and established as required pursuant to P.L. 1993. c.89 (adding N.J.S.A. 26:2C-19.1 through 2C-19.5) and any rules the Department promulgates thereunder, and shall meet all of the requirements thereof. There shall also be an affirmative defense to liabilities for penalties or other sanctions for noncompliance with any technology based emission limitation in this permit or certificate, if the noncompliance was due to an emergency as defined at N.J.A.C. 7:27-22.1, provided that the affirmative defense is asserted and established in compliance with 40 CFR 70.6(g) and meets all requirements thereof. [N.J.A.C. 7:27-8.3(n)]
11. Any person to whom the Department has issued a preconstruction permit or certificate shall comply with all terms and conditions of any order related to the preconstruction permit or certificate. [N.J.A.C. 7:27-8.13(a)]
 12. The permittee shall maintain all records required in the permit for a period of five (5) calendar years. [N.J.A.C. 7:27-8.13(a)]
 13. The Department may change the conditions of approval of any approved certificate to operate at the time of renewal of a temporary operating certificate; at the time of approval or renewal of a five-year operating certificate; or at any time during the period a certificate is in effect, if the Department determines that such change is necessary to protect human health or welfare or the environment. [N.J.A.C. 7:27-8.13(b)]
 14. Upon request of the Department, the permittee shall submit to the Department information relevant to the operation of equipment and control apparatus including all information specified at N.J.A.C. 7:27-8.13(c). [N.J.A.C. 7:27-8.13(c)]
 15. If the conditions of a preconstruction permit or certificate to operate require the Department to incur any of the following charges, the permittee shall reimburse the Department for the full amount of these charges: (1) The charges billed by any phone company for the maintenance of a dedicated telephone line required by this permit or the certificate to operate for the electronic transmission of data; or (2) The charges billed by any laboratory for performing the analysis of audit samples collected pursuant to testing or monitoring required by this permit or the certificate to operate. [N.J.A.C. 7:27-8.13(g)]
 16. Any failure to comply with the operating requirements or exceedance of emission concentrations specified in a preconstruction permit shall be reported within three (3) business days by calling the Environmental Action Hotline at (877) 927-6337 AND in writing to the Regional Enforcement Office within 30 days of the failure or exceedance. [N.J.A.C. 7:27-8.13(h)]
 17. The permittee shall, when requested by the Department, provide such testing facilities exclusive of instrumentation and sensing devices as may be necessary for the Department to determine the kind and amount of air contaminants emitted from the equipment or control apparatus. The testing facilities shall include the utilities, the structure to hold testing equipment and/or personnel, and any ports in stacks needed to carry out testing required by this permit. During testing by the Department, the equipment and control apparatus shall be operated under such conditions within their capacities as may be requested by the Department. The

- test facilities may be either permanent or temporary, at the discretion of the person responsible for their provision, and shall conform to all applicable laws, regulations, and rules concerning safe construction and safe practice. Testing facilities, which contain platforms and other means of personnel access, shall conform to OSHA standards. [N.J.A.C. 7:27-8.13(i)]
18. Upon request of the Department, the permittee shall submit to the Department any record relevant to any permit or certificate. Such records shall be submitted to the Department within thirty (30) days of the request by the Department or within a longer time period if approved in writing by the Department. [N.J.A.C. 7:27-8.15(a)]
 19. A permittee shall submit any required report in a format and on a schedule approved by the Department. Such report shall be transmitted on paper, by hand delivery, on computer disk, or electronically, at the discretion of the Department. [N.J.A.C. 7:27-8.15(b)]
 20. Any report submitted to the Department, including but not limited to, a report submitted as an amendment of this permit or the certificate to operate pursuant to N.J.A.C. 7:27-8.3(c) shall include, as an integral part of the report, certifications complying with N.J.A.C. 7:27-1.39.
 21. Upon request of the Department, the permittee shall report on forms obtained from the Department the air contaminant actual emissions and information relevant thereto, of any air contaminant or category of air contaminant emitted by the equipment, control apparatus, or source operation. [N.J.A.C. 7:27-8.15(d)]
 22. Any emission limit values in a preconstruction permit shall be interpreted to be followed by inherent trailing zeros (0) in the decimal portion of the limit to three significant figures (e.g. a printed limit of “1 lb/hr” means a limit of “1.00 lb/hr”).
 23. This listing of requirements reflects the state rules and regulations that apply to a majority of sources. If a specific requirement in a rule or regulation that applies to a permittee is not included in this section or in the “Facility Specific Requirements” it does not relieve the permittee from the obligation to comply with that regulation.
 24. The following Department offices may be referenced in a preconstruction permit. Please use the following addresses when submitting any correspondence to these offices:

Emission Measurement Section
Mail Code: 09-01, P.O. Box 420
Trenton, NJ 08625-0420

Central Regional Enforcement Office
Mail Code: 22-03A; P.O. Box 420
Trenton, NJ 08625-0420

Northern Regional Enforcement Office
7 Ridgedale Avenue
Cedar Knolls, NJ 07927

Southern Regional Enforcement Office
2 Riverside Drive – Suite 201
Camden, NJ 08103

25. In accordance with N.J.A.C. 7:27-8.13(e), facilities are subject to 4 billable compliance inspections over the life of the Operating Certificate. Facilities will be invoiced for a service fee per inspection pursuant to N.J.A.C. 7:27-8.6 after the periodic compliance inspection is conducted.
26. The permittee shall pay fees to the Department pursuant to N.J.A.C.7:27-8.

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section D

Facility Name: WELDON QUARRY CO LLC

Facility ID No.: 83008

Permit Activity No.: PCP220001

PERMIT INFORMATION

FACILITY SPECIFIC REQUIREMENTS INDEX

FACILITY SPECIFIC REQUIREMENTS

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FACILITY PROFILE (GENERAL)

EQUIPMENT INVENTORY

CONTROL DEVICE INVENTORY

EMISSION POINT INVENTORY

EMISSION UNIT/BATCH PROCESS INVENTORY

AIR POLLUTION CONTROL PRECONSTRUCTION PERMIT

Section D

Facility Name: WELDON QUARRY CO LLC

Facility ID No.: 83008

Permit Activity No.: PCP220001

FACILITY SPECIFIC REQUIREMENTS INDEX

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PCP220001

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Subject Item: FC

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The Permittee shall not cause, suffer, or allow to emit into the outdoor atmosphere substances in quantities which shall result in air pollution as defined at N.J.A.C. 7:27-5.1. [N.J.A.C. 7:27- 5]	None.	None.	None.
2	The permittee shall not suffer, allow, or permit any air contaminant detectable by the sense of smell to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or would unreasonably interfere with the enjoyment of life or property. This shall not include an air contaminant which occurs only in areas over which the permittee has exclusive use or occupancy. In determining whether an odor unreasonably interferes with the enjoyment of life or property, the Department shall consider all of the relevant facts and circumstances, including, but not limited to, the character, severity, frequency, and duration of the odor, and the number of persons affected thereby. In considering these and other relevant facts and circumstances, no one factor shall be dispositive, but each shall be considered relevant in determining whether an odor interferes with the enjoyment of life and property, and, if so, whether such interference is unreasonable considering all of the circumstances. [N.J.A.C. 7:27- 8.3(j)]	None.	None.	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
3	Process monitors must be operated at all times when the associated process equipment is operating except during outage time allowed by Department guidelines/procedures or as outlined in Technical Manual 1005. [N.J.A.C. 7:27-8.13(a)]	None.	Other: Keep records of parameters monitored by the process monitor(s) as instructed by the Department's guidelines/procedures or as outlined in Technical Manual 1005. [N.J.A.C. 7:27-8.13(d)].	None.
4	The permittee shall meet all requirements of the approved source emissions testing and monitoring protocol during the term of the preconstruction permit. Whenever the permittee makes a replacement, modification, change or repair of a certified CEMS or COMS that may significantly affect the ability of the system to accurately measure or record data, the permittee must recertify the CEMS or COMS in accordance with Section V.B. and Appendix E of Technical Manual 1005. The permittee is responsible for contacting the Emission Measurement Section to determine the need for recertification and/or to initiate the recertification process. The permittee is responsible for any downtime associated with the replacement, modification, change or repair of the CEMS or COMS. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
5	A person who causes a release of air contaminants in a quantity or concentration which poses a potential threat to public health, welfare or the environment or which might reasonably result in citizen complaints shall immediately notify the department. A person who fails to so notify the department is liable to the penalties and procedures prescribed in this section. [N.J.S.A. 26: 2C-19(e)]	None.	None.	Notify by phone: Upon occurrence of event. The Permittee shall immediately notify the Department of any non-compliance by calling the Environmental Action Hotline at (877) 927-6337. [N.J.S.A. 26: 2C-19(e)]

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	<p>The permittee is required to submit annual emission statements of their actual emissions if the Potential-to-emit for the entire facility equals to or exceeds any of the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional information about Emission Statement reports can be obtained by calling (609) 984-5483.</p> <p>Air Contaminant Threshold in Tons per Year: VOC: 10 tons per year NOx: 25 tons per year CO: 100 tons per year SO2: 100 tons per year TSP: 100 tons per year PM2.5: 100 tons per year PM10: 100 tons per year Ammonia (NH3): 100 tons per year Lead(Pb): 5 tons per year</p> <p>[N.J.A.C. 7:27-21]</p>	None.	None.	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	<p>The permittee is required to submit a Title V Operating Permit application, within one year, if the potential-to-emit for the entire facility equal to or exceeds any of the following thresholds (including all emissions from the facility, both permitted and unpermitted). Additional information about Operating Permits can be obtained by calling the Operating Permit Hotline at (609) 633 - 8248.</p> <p>Air Contaminant Threshold in Tons per Year:</p> <p>CO: 100 tons per year PM10: 100 tons per year PM2.5: 100 tons per year TSP: 100 tons per year SO2: 100 tons per year SO2 (as a PM2.5 precursor): 100 tons per year NOx: 25 tons per year NOx (as a PM2.5 precursor): 100 tons per year VOC: 25 tons per year Lead: 10 tons per year Any HAP: 10 tons per year All HAPs collectively: 25 tons per year Any other air contaminant, except CO2: 100 tons per year [N.J.A.C. 7:27-22]</p>	None.	None.	None.
8	<p>Potential to Emit (PTE) of all other air contaminants, not listed in this permit, shall be below their respective reporting thresholds for contaminants listed as N.J.A.C. 7:27-8, Appendix I, Table A, and N.J.A.C. 7:27-17.9(a), as applicable. [N.J.A.C. 7:27- 8.13(h)]</p>	None.	None.	None.
9	<p>The Department and its authorized representatives shall have the right to enter and inspect any facility subject to N.J.A.C. 7:27-8, or portion thereof. [N.J.A.C. 7:27- 1.31]</p>	None.	None.	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
10	Continuous recording for process monitors must be at a sufficient frequency and resolution to be able to document compliance or non-compliance in accordance with Technical Manual 1005 for CEMS (TM1005(B)(3)). [N.J.A.C. 7:27-8.13(a)]	None.	None.	None.
11	Consistent with EPA's National Stack Testing Guidance and Technical Manual 1004, a facility may not stop an ongoing stack test because it would have failed the test unless the facility also ceases operation of the equipment in question to correct the issue. Stopping an ongoing stack test in these instances will be considered credible evidence of emissions non-compliance. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
12	All information provided in the application as well as the information related to the application included as Attachments to the application shall be considered as a part of the permit and is subject to enforcement. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
13	Any information contained in an approved application and any condition of approval thereof, are subject to enforcement. This includes the following application information, which shall constitute maximum allowable limits, unless the Department establishes other limits in the conditions of approval: 1. Rates of emission of each air contaminant and each category of air contaminant listed; 2. Total hours of operation per time period; and 3. Any rate of production. [N.J.A.C. 7:27-8.13(h)]	None.	None.	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Subject Item: CD210 Water Spray at Crushers

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The crushing operation shall cease operation if the water flow rate through the spray nozzles is discontinued and visible emissions are present. [N.J.A.C. 7:27-8.13(a)]	None.	None.	None.
2	The water spray system shall be installed and operated at critical processing points where fresh dry aggregate faces are created or dust becomes airborne. Water spray shall be sufficient to dampen the material surfaces to prevent visible emissions. [N.J.A.C. 7:27-8.13(a)]	Monitored by visual determination each month during operation. The permittee must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. [40 CFR 60.674(b)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The permittee shall maintain the following records: 1. date of inspection 2. name of the inspector 3. inspection results [40 CFR 60.676(b)(1)]	Repair equipment: As per the approved schedule. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. [40 CFR 60.674(b)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete**Subject Item:** CD230 Buell Baghouse

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Pressure Drop ≥ 0.5 and Pressure Drop ≤ 12 inches w.c. If the pressure drop varies outside the normal operating range, corrective action shall be taken. [N.J.A.C. 7:27- 8.13(a)]	Pressure Drop: Monitored by pressure drop Instrument continuously, based on an instantaneous determination. [N.J.A.C. 7:27- 8.13(d)2]	Pressure Drop: Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. [N.J.A.C. 7:27- 8.13(d)3]	None.
2	The permittee shall operate and maintain the dust collector and replace the filter media on a schedule necessary to achieve the required particulate removal efficiency as specified by the manufacturer. [N.J.A.C. 7:27- 8.13(a)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The permittee shall record each instance of dust collector maintenance and filter media replacement. [N.J.A.C. 7:27- 8.13(d)3]	None.

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New Jersey Department of Environmental Protection Facility Specific Requirements

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The facility shall comply with the approved Dust Management Plan (DMP) dated 1/23/23. Any changes to the DMP shall be submitted as a RADIUS application pursuant to N.J.A.C. 7:27-8. [N.J.A.C. 7:27-8.13(a)]	Other: As required by the DMP.[N.J.A.C. 7:27- 8.13(d)].	Other: As required by the DMP.[N.J.A.C. 7:27- 8.13(d)].	Other (provide description): As per the approved schedule as required by the DMP. [N.J.A.C. 7:27- 8.13(d)]
2	TSP <= 37.5 tons/yr Based on maximum hourly emission rate and annual operating hours for the process equipment. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
3	PM-10 (Total) <= 17 tons/yr Based on maximum hourly emission rate and annual operating hours for the process equipment. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
4	PM-2.5 (Total) <= 17 tons/yr Based on maximum hourly emission rate and annual operating hours for the process equipment. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
5	Hours of Operation <= 4,000 hr/yr. [N.J.A.C. 7:27- 8.13(a)]	None.	Hours of Operation: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27- 8.13(d)]	None.
6	Opacity: No visible emissions, exclusive of condensed water vapor. [N.J.A.C. 7:27- 8.13(a)]	Opacity: Monitored by visual determination each week during operation. The plant operator shall conduct periodic visual opacity inspections throughout daylight operating hours, one day per week, to identify if the stack or mineral processing equipment has visible emissions, other than condensed water vapor. [N.J.A.C. 7:27- 8.13(d)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. Record and retain the following:(1) Date of observations; (2) Emission Point number; 3) Operational status of equipment;(4) Observed results and conclusions;(5) Description of corrective action taken if needed;(6) Date and time opacity problem was solved, if applicable; and (7) Name of person(s) conducting inspection. . [N.J.A.C. 7:27- 8.13(d)]	Other (provide description): Upon occurrence of event. If visible emissions are observed, verify the equipment and/or control device causing visible emissions is operating according to manufacturer's specifications. The visible emissions must be eliminated or the plant shall be shut down until the problem is identified and corrective action taken. [N.J.A.C. 7:27- 8.13(a)]

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	The permittee shall comply with the provisions of 40 CFR 60, Subpart A as set forth in 40 CFR 60, Subpart OOO, Table 1 [40 CFR 60.670(f)]	None.	None.	None.
8	The subpart A requirement under 40 CFR 60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under 40 CFR 60 Subpart OOO. [40 CFR 60.676(h)]	None.	None.	None.
9	For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in 40 CFR 60.7(a)(6) and 60.8(d) to a 7-day advance notification. [40 CFR 60.675(g)]	None.	None.	None.

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS210 Nordberg C160 Primary Jaw with five (5) conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 2.28 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.924 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.924 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 12 % (fugitive emissions from crusher). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]
5	Opacity <= 7 % (fugitive emissions from conveyors). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS211 Primary Screen with five (5) conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 2.03 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.679 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.679 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS212 Feed Hopper with Grizzly by-pass

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.168 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.0552 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.0552 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). . [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS214 HP 400 Cone Crusher C2 and one (1) conveyor

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.67 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.293 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.293 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 12 % (fugitive emissions from crusher). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]
5	Opacity <= 7 % (fugitive emissions from conveyors). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS215 HP 400 Cone Crusher C3 and one (1) conveyor

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.67 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.293 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.293 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 12 % (fugitive emissions from crusher). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]
5	Opacity <= 7 % (fugitive emissions from conveyors). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS216 HP300 Cone Crusher C4 and two (2) conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.74 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.316 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.316 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 12 % (fugitive emissions from crusher). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). . [40 CFR 60.8(a)]
5	Opacity <= 7 % (fugitive emissions from conveyors). [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). . [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS220 S1 5x20 Dbl Deck Screen with feed hopper and three (3) conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 2.21 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.739 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.739 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). . [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS221 S2A 6x16 Dbl Deck Screen with two (2) conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 1.36 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.458 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.458 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS222 S2B 6x16 Dbl Deck Screen with two (2) conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 1.36 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.458 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.458 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). . [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS223 S3 8x20 Tpl Deck Screen with three (3) Conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.681 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.228 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.228 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS224 S4 8x20 Tpl Deck Screen with seven (7) Conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 1.11 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.372 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.372 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). . [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS225 S5 8x20 Dbl Deck Screen with five (5) Conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 1.02 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.34 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.34 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS226 S6 6x20 Dbl Deck Screen with three (3) Conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.786 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.263 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.263 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). . [40 CFR 60.8(a)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete

Operating Scenario: OS227 S7 8x20 Tpl Deck Screen with five (5) Conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 0.87 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 0.291 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 0.291 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
4	Opacity <= 7 %. [40 CFR 60.672(b)]	Opacity: Monitored by visual determination once initially, based on 6 minute blocks. When determining compliance with the fugitive emissions standard, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages. [40 CFR 60.675(c)(3)]	Opacity: Recordkeeping by manual logging of parameter or storing data in a computer data system once initially. [40 CFR 60.676(b)(1)]	Conduct a performance test: As per the approved schedule within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The owner or operator shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s). [40 CFR 60.8(a)]

PCP220001

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U210 Stone Plant complete**Operating Scenario:** OS230 Buell Classifier with five (5) conveyors

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	TSP <= 2.81 lb/hr. [N.J.A.C. 7:27-8.13(h)1]	None.	None.	None.
2	PM-10 (Total) <= 2.77 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.
3	PM-2.5 (Total) <= 2.77 lb/hr. [N.J.A.C. 7:27- 8.13(h)1]	None.	None.	None.

WELDON QUARRY CO LLC (83008)
PCP220001

Date: 8/1/2023

New Jersey Department of Environmental Protection
Reason for Application

Permit Being Modified

Permit Class: **Number:** 0

Description The stone plant at the Weldon Quarry Co. LLC facility in Lake Hopatcong is currently
of Modifications: permitted under an air permit identified as PCP180001. By letter dated January 18, 2022,
the NJDEP indicated that this permit will not be renewed upon its expiration date, which is
December 3, 2022. As such, this application is being submitted to obtain a new air
preconstruction permit for the existing stone plant.

New Jersey Department of Environmental Protection
Facility Profile (General)

Facility Name (AIMS): Weldon-Lake Hopatcong 2018 Stone Plant

Facility ID (AIMS): 83008

Street RT 181

Address: LAKE HOPATCONG, NJ 07849

Mailing 181 RT 181

Address: LAKE HOPATCONG, NJ 07849

County: Sussex

Location Straight in from gate

Description:

State Plane Coordinates:

X-Coordinate: 461,184

Y-Coordinate: 785,017

Units: New Jersey State Plane 8

Datum: NAD83

Source Org.: Address Match

Source Type: Prop Loc - Dig Image

Industry:

Primary SIC: 2951

Secondary SIC:

NAICS: 212313

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Air Permit Information Contact

Organization: Weldon Materials Inc.

Org. Type: Private

Name: Jeff Woods

NJ EIN: 93514000000

Title: Safety & Environmental Director

Phone: (908) 223-4444 x

Mailing Address: 181 Route 181

Fax: (908) 223-4215 x9351

Lake Hopatcong, NJ 07849

Other: () - x

Type:

Email: jwoods@weldonmat.com

Contact Type: Consultant

Organization: LAN Associates

Org. Type: Private

Name: Elizabeth Bouvier

NJ EIN:

Title: Consultant

Phone: (201) 447-6400 x

Mailing Address: 445 Godwin Avenue

Fax: (201) 447-1233 x

Suite 9

Other: (201) 447-6400 x

Midland Park, NJ 07432

Type: Other Line

Email: beth.bouvier@lanassociates.com

Contact Type: Fees/Billing Contact

Organization: Weldon Materials Inc.

Org. Type: Private

Name: Jeff Woods

NJ EIN: 93514000000

Title: Safety & Environmental Director

Phone: (908) 223-4444 x

Mailing Address: 181 Route 181

Fax: (908) 223-4215 x9351

Lake Hopatcong, NJ 07849

Other: () - x

Type:

Email: jwoods@weldonmat.com

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: General Contact

Organization:

Name: Domenic Mileto

Title:

Phone: () - x

Fax: () - x

Other: () - x

Type:

Email: dmileto@weldonmat.com

Org. Type:

NJ EIN:

Mailing Address: 141 Central Avenue
Westfield, NJ 07090

Contact Type: On-Site Manager

Organization: Weldon Asphalt Company

Name: Kevin Babus

Title: Superintendent

Phone: (973) 663-2017 x

Fax: (973) 663-0909 x

Other: () - x

Type:

Email:

Org. Type: Private

NJ EIN:

Mailing Address: 181 Route 181
Lake Hopatcong, NJ 07849

Contact Type: Responsible Official

Organization: Weldon Materials Inc.

Name: Jeff Woods

Title: Safety & Environmental Director

Phone: (908) 223-4444 x

Fax: (908) 223-4215 x9351

Other: () - x

Type:

Email: jwoods@weldonmat.com

Org. Type: Private

NJ EIN: 93514000000

Mailing Address: 181 Route 181
Lake Hopatcong, NJ 07849

WELDON QUARRY CO LLC (83008)
PCP220001

Date: 8/1/2023

New Jersey Department of Environmental Protection
Insignificant Source Emissions

**New Jersey Department of Environmental Protection
Equipment Inventory**

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E210	C160 Jaw	Nordberg C160 Primary Jaw Crusher with five (5) conveyors	Manufacturing and Materials Handling Equipment	PCP180001	4/1/2017	No	4/1/2017	
E211	Primary Scrn	Primary Screen Deck with five (5) conveyors	Manufacturing and Materials Handling Equipment	PCP180001	4/1/2017	No	4/1/2017	
E212	Feed Hopper	Primary Feed Hopper	Manufacturing and Materials Handling Equipment	PCP180001	4/1/2017	No	4/1/2017	
E214	C2 Cone	HP 400 Cone Crusher C2 with one (1) conveyor	Manufacturing and Materials Handling Equipment	PCP180001		No		
E215	C3 Cone	HP 400 Cone Crusher C3 with one (1) conveyor	Manufacturing and Materials Handling Equipment	PCP180001		No		
E216	C4 Cone	HP 300 Cone Crusher C4 with two (2) conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E220	S1 Screen	S1 5x20 Dbl Deck Screen with feed hopper and three (3) conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E221	S2A Screen	S2A 6x16 Dbl Deck Screen with two (2) conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E222	S2B Screen	S2B 6x16 Dbl Deck Screen with two (2) conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		

**New Jersey Department of Environmental Protection
Equipment Inventory**

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E223	S3 Screen	S3 8x20 Tpl Deck Screen with three (3) Conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E224	S4 Screen	S4 8x20 Tpl Deck Screen with seven (7) Conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E225	S5 Screen	S5 8x20 Dbl Deck Screen with five (5) Conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E226	S6 Screen	S6 6x20 Dbl Deck Screen with three (3) Conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E227	S7 Screen	S7 8x20 Tpl Deck Screen with five (5) Conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		
E230	Buell Class	Buell Classifier with five (5) conveyors	Manufacturing and Materials Handling Equipment	PCP180001		No		

83008 WELDON QUARRY CO LLC PCP220001 E210 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	
Manufacturer:	Nordberg
Model:	C160
Type of Manufacturing and Materials Handling Equipment:	Jaw Crusher
Capacity:	1.20E+03
Units:	other units
Description (if other):	tons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E211 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	
Manufacturer:	Nordberg
Model:	C160
Type of Manufacturing and Materials Handling Equipment:	Screen
Capacity:	7.00E+02
Units:	other units
Description (if other):	tons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E212 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	
Manufacturer:	Nordberg
Model:	C160
Type of Manufacturing and Materials Handling Equipment:	Feed Hopper
Capacity:	1.20E+03
Units:	other units
Description (if other):	tons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E214 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	
Manufacturer:	Nordberg
Model:	HP 400
Type of Manufacturing and Materials Handling Equipment:	Cone Crusher
Capacity:	5.00E+02
Units:	other units
Description (if other):	tons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E215 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	
Manufacturer:	Nordberg
Model:	HP 400
Type of Manufacturing and Materials Handling Equipment:	Cone Crusher
Capacity:	5.00E+02
Units:	other units
Description (if other):	tons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E216 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	
Manufacturer:	Nordberg
Model:	HP 300
Type of Manufacturing and Materials Handling Equipment:	Cone Crusher
Capacity:	5.00E+02
Units:	other units
Description (if other):	tons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E220 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="5x20 Dbl Deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="8.00E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E221 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="6x16 Dbl Deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="5.50E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E222 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="6x16 Dbl Deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="5.50E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E223 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="8x20 triple deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="2.60E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E224 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="8x20 triple deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="3.50E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E225 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="8x20 double deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="3.50E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E226 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="6x20 double deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="3.00E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E227 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="8x20 triple deck"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Screen"/>
Capacity:	<input type="text" value="3.00E+02"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="tons per hour"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/> <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/> <input type="button" value="v"/>
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 E230 (Manufacturing and Materials Handling Equipment)
Print Date: 4/1/2022

Make:	
Manufacturer:	Buell
Model:	
Type of Manufacturing and Materials Handling Equipment:	Sand Classifier
Capacity:	1.00E+02
Units:	other units
Description (if other):	tons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

WELDON QUARRY CO LLC (83008)
PCP220001

Date: 8/1/2023

New Jersey Department of Environmental Protection
Control Device Inventory

CD NJID	Facility's Designation	Description	CD Type	Install Date	Grand- Fathered	Last Mod. (Since 1968)	CD Set ID
CD210	Water Spray	Water Spray at Crushers	Other	4/1/2017	No		
CD230	Buell BH	Buell Baghouse	Particulate Filter (Baghouse)	1/1/2006	No		

83008 WELDON QUARRY CO LLC PCP220001 CD210 (Other)

Print Date: 4/1/2022

Make:	<input type="text" value="Custom"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text" value="Water spray system"/>
Maximum Air Flow Rate to Control Device (acfm):	<input type="text"/>
Maximum Temperature of Vapor Stream to Control Device (°F):	<input type="text"/>
Minimum Temperature of Vapor Stream to Control Device (°F):	<input type="text"/>
Minimum Moisture Content of Vapor Stream to Control Device (%):	<input type="text"/>
Minimum Pressure Drop Across Control Device (in. H2O):	<input type="text"/>
Maximum Pressure Drop Across Control Device (in. H2O):	<input type="text"/>
Maximum Number of Sources Using this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):	<input type="text"/>
Alternative Method to Demonstrate Control Apparatus is Operating Properly:	<input type="text"/>
Have you attached data from recent performance testing?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Have you attached any manufacturer's data or specifications in support of the feasibility and/or effectiveness of this control apparatus?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Have you attached a diagram showing the location and/or configuration of this control apparatus?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Comments:	

83008 WELDON QUARRY CO LLC PCP220001 CD230 (Particulate Filter (Baghouse))
Print Date: 4/1/2022

Make:	
Manufacturer:	Fisher Klosterman, Inc.
Model:	GI-120
Number of Bags:	368
Size of Bags (ft²):	
Total Bag Area (ft²):	5,343.0
Bag Fabric:	Dacron Polyester
Fabric Weight (oz/ft²):	16.00
Fabric Weave:	
Fabric Finish:	
Maximum Design Temperature Capability (°F):	225.0
Maximum Design Air Flow Rate (acfm):	16,000.0
Draft Type:	Induced
Maximum Air Flow Rate to Cloth Area Ratio:	3.00
Minimum Operating Pressure Drop (in. H2O):	0.10
Maximum Operating Pressure Drop (in. H2O):	12.00
Method of Monitoring Pressure Drop:	Magnehelic
Maximum Inlet Temperature (°F):	
Minimum Inlet Temperature (°F):	
Dew Point of Gas Stream Maximum Inlet Temperature (°F):	
Maximum Operating Exhaust Gas Flow Rate (acfm):	
Maximum Inlet Gas Stream Moisture Content (%):	
Method for Determining When Bag Replacement is Required:	Visual observation
Method for Determining When Cleaning is Required:	Pressure drop setpoint
Method of Bag Cleaning:	Reverse Air
Description:	
Is Bag Cleaning Conducted On-Line?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Maximum Number of Sources Using this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):	1
Alternative Method to Demonstrate Control Apparatus is Operating Properly:	
Have you attached a Particle Size Distribution Analysis?	<input type="radio"/> Yes <input checked="" type="radio"/> No

83008 WELDON QUARRY CO LLC PCP220001 CD230 (Particulate Filter (Baghouse))
Print Date: 4/1/2022

Have you attached data from recent performance testing?

☐ Yes ☒ No

Have you attached any manufacturer's data or specifications in support of the feasibility and/or effectiveness of this control apparatus?

☐ Yes ☒ No

Have you attached a diagram showing the location and/or configuration of this control apparatus?

☐ Yes ☒ No

Comments:

WELDON QUARRY CO LLC (83008)
PCP220001

Date: 8/1/2023

New Jersey Department of Environmental Protection
Emission Points Inventory

PT NJID	Facility's Designation	Description	Config.	Equiv. Diam. (in.)	Height (ft.)	Dist. to Prop. Line (ft)	Exhaust Temp. (deg. F)			Exhaust Vol. (acfm)			Discharge Direction	PT Set ID
							Avg.	Min.	Max.	Avg.	Min.	Max.		
PT210	Fugitives	Fugitive Emissions	Surface	0	10	500	65.0	32.0	100.0	0.0	0.0	0.0	Horizontal	
PT230	Buell BH	Buell Baghouse Stack	Round	32	25	500	65.0	32.0	225.0	8,000.0	0.0	16,000.0	Up	

WELDON QUARRY CO LLC (83008)
PCP220001

Date: 8/1/2023

New Jersey Department of Environmental Protection
Emission Unit/Batch Process Inventory

U 210 Stone Plant Stone Plant complete

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS210	Primary Jaw	Nordberg C160 Primary Jaw with five (5) conveyors	Normal - Steady State	E210	CD210 (P)	PT210	3-05-020-01	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS211	PrimaryScrn	Primary Screen with five (5) conveyors	Normal - Steady State	E211		PT210	3-05-020-01	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS212	Feed Hopper	Feed Hopper with Grizzly by-pass	Normal - Steady State	E212		PT210	3-05-020-01	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS214	C2 Cone	HP 400 Cone Crusher C2 and one (1) conveyor	Normal - Steady State	E214	CD210 (P)	PT210	3-05-020-01	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS215	C3 Cone	HP 400 Cone Crusher C3 and one (1) conveyor	Normal - Steady State	E215	CD210 (P)	PT210	3-05-020-01	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS216	C4 Cone	HP300 Cone Crusher C4 and two (2) conveyors	Normal - Steady State	E216	CD210 (P)	PT210	3-05-020-01	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS220	S1 Screen	S1 5x20 Dbl Deck Screen with feed hopper and three (3) conveyors	Normal - Steady State	E220		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS221	S2A Screen	S2A 6x16 Dbl Deck Screen with two (2) conveyors	Normal - Steady State	E221		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS222	S2B Screen	S2B 6x16 Dbl Deck Screen with two (2) conveyors	Normal - Steady State	E222		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS223	S3 Screen	S3 8x20 Tpl Deck Screen with three (3) Conveyors	Normal - Steady State	E223		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS224	S4 Screen	S4 8x20 Tpl Deck Screen with seven (7) Conveyors	Normal - Steady State	E224		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS225	S5 Screen	S5 8x20 Dbl Deck Screen with five (5) Conveyors	Normal - Steady State	E225		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS226	S6 Screen	S6 6x20 Dbl Deck Screen with three (3) Conveyors	Normal - Steady State	E226		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0
OS227	S7 Screen	S7 8x20 Tpl Deck Screen with five (5) Conveyors	Normal - Steady State	E227		PT210	3-05-020-06	1,000.0	4,000.0		0.0	0.0	32.0	100.0

WELDON QUARRY CO LLC (83008)
PCP220001

Date: 8/1/2023

New Jersey Department of Environmental Protection
Emission Unit/Batch Process Inventory

U 210 Stone Plant Stone Plant complete

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS230	Buell Class	Buell Classifier with five (5) conveyors	Normal - Steady State	E230	CD230 (P)	PT230	3-05-020-99	1,000.0	4,000.0		0.0	16,000.0	32.0	225.0

83008 WELDON QUARRY CO LLC PCP220001 U210 OS210 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS210 (Efficiency Table - CD210)

Print Date: 5/2/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)			
PM-10			90
PM-2.5			90
Pb			
SO2			
TSP			90
VOC (Total)			

83008 WELDON QUARRY CO LLC PCP220001 U210 OS211 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS212 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS214 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS214 (Efficiency Table - CD210)

Print Date: 5/2/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)			
PM-10			90
PM-2.5			90
Pb			
SO2			
TSP			90
VOC (Total)			

83008 WELDON QUARRY CO LLC PCP220001 U210 OS215 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS215 (Efficiency Table - CD210)

Print Date: 5/2/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)			
PM-10			90
PM-2.5			90
Pb			
SO2			
TSP			90
VOC (Total)			

83008 WELDON QUARRY CO LLC PCP220001 U210 OS216 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS216 (Efficiency Table - CD210)

Print Date: 5/2/2022

Pollutant Category	Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO			
HAP (Total)			
NOx			
Other (Total)			
PM-10			90
PM-2.5			90
Pb			
SO2			
TSP			90
VOC (Total)			

83008 WELDON QUARRY CO LLC PCP220001 U210 OS220 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS221 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS222 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS223 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS224 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS225 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS226 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS227 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Non HAP non-metallic minerals ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS230 (Raw Materials)

Print Date: 5/2/2022

Raw Material	CAS Number	Physical State	Molecular Weight (lbs/lbs-mole)	Does the Material Contain VOC?	Weight Fraction (%)	Vapor Pressure @ 70 deg F (mmHg)	Organic Density	Units
Quarried Stone ▼		Solid ▼		No ▼				▼

83008 WELDON QUARRY CO LLC PCP220001 U210 OS230 (Efficiency Table - CD230)

Print Date: 5/2/2022

Pollutant Category		Capture Efficiency (%)	Removal Efficiency (%)	Overall Efficiency (%)
CO	▼			
HAP (Total)	▼			
NOx	▼			
Other (Total)	▼			
PM-10	▼			
PM-2.5	▼			
Pb	▼			
SO2	▼			
TSP	▼	100	99.9	99.9
VOC (Total)	▼			

Facility Name: WELDON QUARRY CO LLC

Program Interest Number: 83008

Permit Activity Number: PCP 220001

Dust Management Control Plan

Executive Summary

This dust management plan describes Weldon Materials Inc.'s monitoring and general housekeeping responsibilities to minimize and control fugitive dust at the facility.

Facility Description

The subject facility contains an asphalt plant, a stone plant, a recycling plant, and a quarry pit. Stone is processed through various equipment at the facility, including crushers, screens, conveyors, and a classifier. Similarly, the recycling plant includes a crusher, a screen deck, and conveyors. Aggregate, recycled asphalt product (RAP), and dust are used as part of the production of asphalt at the facility's asphalt plant.

Listing of Potential Fugitive Dust Sources

Potential fugitive dust sources at the facility include:

- Paved/unpaved surfaces (aggregate hauling vehicle traffic)
- Aggregate stockpiles
- Aggregate transfer points (loading/unloading of hauling vehicles)

Paved/Unpaved Surfaces

Fugitive particulate matter (dust) emissions from interior roads and parking lots shall be controlled by the following measures:

- Facility shall operate a water truck around the facility to control dust on an as needed basis.
- Facility shall sweep paved areas within the site on an as needed basis to control dust.
- Facility personnel shall conduct daily housekeeping activities around the site.

Aggregate Stockpiles

Fugitive particulate matter (dust) emissions from aggregate stockpiles shall be controlled by the following measures:

- Keeping stockpile areas maintained in an orderly condition.
- Treating unpaved areas around the stockpile areas with water on an as needed basis.
- Treating stockpiles with water on an as needed basis.

Facility Name: WELDON QUARRY CO LLC

Program Interest Number: 83008

Permit Activity Number: PCP 220001

Aggregate Transfer

Fugitive particulate matter (dust) emissions from the transferring of aggregates (materials processing equipment transfer points, loader to truck transfers, etc.) shall be controlled by the following measures:

- Locating stockpiles as close as possible to materials processing equipment.
- Applying water on an as needed basis.

Additionally, fugitive particulate matter (dust) emissions from transporting aggregates shall be controlled by maintaining a 15 mile per hour (MPH) speed limit on site. Traffic speed signs will be posted around the facility to ensure that aggregate hauling vehicle drivers are aware of and adhere to the speed limit.

Further, in accordance with Department of Transportation (DOT) requirements, aggregate hauling vehicles are responsible for tarping prior to leaving the site onto public roadways.

Visual Inspections & Training

Daily visual inspections, including morning and afternoon inspections during plant operations, will be conducted by an environmental coordinator, a designated individual in that department, or a member of the management team.

The subject facility will train employees who are involved with operations relating to dust emission sources on an annual basis on dust management practices.

Recordkeeping

The following visual inspection records shall be maintained in a logbook or other method approved by the Department:

1. date and time of each inspection
2. results of visual inspection
3. any action taken to reduce dust
4. initials of the inspector

Procedures for Contacting the NJDEP

In accordance with the Air Pollution Control Act at N.J.S.A. 26:2C-19(e), any site operation which may cause off-property effect or potential threat to public health, welfare, or the environment shall be immediately reported by calling the NJDEP Environmental Action Hotline at (877) 927-6337.

Facility Name: WELDON QUARRY CO LLC
Program Interest Number: 83008
Permit Activity Number: PCP 220001

Procedures for Updating the Dust Management Plan

In the event that the facility begins processing new material or undergoes a change in operations that would lead to an increase in fugitive dust generation at the source, this Dust Management Plan shall be revised in order to address these changes and minimize potential for dust generation.

Any changes or updates to this Dust Management Plan must be approved by the New Jersey Department of Environmental Protection.

Plan Implementation

- Effective date of this plan: _____
- Date of most recent update: _____

Definitions

- An "as needed basis" means the frequency or quantity of application necessary to minimize visible particulate matter emissions.