

**New York State Department of Environmental Conservation  
Facility DEC ID: 3132600049**



**PERMIT  
Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

PAir State Facility

Permit ID: 3-1326-00049/00022

Effective Date: 04/22/2005

Expiration Date: No expiration date

Permit Issued To:

WINGDALE MATERIALS LLC  
20 HAARLEM AVE  
WHITE PLAINS, NY 10603

ROBERT YAREMKO

PECKHAM MATERIALS CORP  
20 HAARLEM AVE  
WHITE PLAINS, NY 10603  
(914) 949-2000

Facility:

WINGDALE MATERIALS CORP  
PLEASANT RIDGE RD  
WINGDALE, NY 12594

Description:

The facility is an existing stone quarry. It is composed of a mine, stone processing plant, and garnet processing plant. The owner/operator has accepted a federally enforceable emissions cap that will limit its particulate emissions to below the threshold that would require it to obtain a Title V operating permit. This cap will limit the amount of stone and garnet by weight that the facility can process during any rolling twelve month period. The facility agrees to maintain on-site monthly production records showing total tons of stone and total tons of garnet processed.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:

ROBERT J STANTON  
NYS DEC DIVISION OF AIR RESOURCES  
21 SOUTH PUTT CORNERS RD  
NEW PALTZ, NY 12561-1696

Authorized Signature: \_\_\_\_\_

Date: \_\_\_ / \_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal-REGION 3

HEADQUARTERS



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

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301.2(m)**

**Item 2.1:**

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

**Condition 3: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

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

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transfer of ownership.

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

**Item 4.1:**

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

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

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

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**Permit Under the Environmental Conservation Law (ECL)**

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

**IDENTIFICATION INFORMATION**

Permit Issued To: WINGDALE MATERIALS LLC  
20 HAARLEM AVE  
WHITE PLAINS, NY 10603

Facility: WINGDALE MATERIALS CORP  
PLEASANT RIDGE RD  
WINGDALE, NY 12594

Authorized Activity By Standard Industrial Classification Code:  
1429 - CRUSHED AND BROKEN STONE NEC

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**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 200.7: Maintenance of Equipment
- 2 6NYCRR 200.7: Compliance Demonstration
- 3 40CFR 60.8(a), NSPS Subpart A: Compliance Demonstration
- 4 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver
- 5 40CFR 60.672(b), NSPS Subpart OOO: Compliance Demonstration
- 6 40CFR 60.672(c), NSPS Subpart OOO: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 7 ECL 19-0301: Contaminant List
- 8 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 9 6NYCRR 201-5: Emission Unit Definition
- 10 6NYCRR 201-7: Facility Permissible Emissions
- \*11 6NYCRR 201-7: Capping Monitoring Condition
- \*12 6NYCRR 201-7: Capping Monitoring Condition
- 13 6NYCRR 211.2: Air pollution prohibited
- 14 6NYCRR 211.2: Compliance Demonstration

**Emission Unit Level**

- 15 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 16 6NYCRR 201-5: Process Definition By Emission Unit

**NOTE: \* preceding the condition number indicates capping.**

Permit Effective Date: 04/22/2005

Permit Expiration Date: No expiration date.



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: Sealing - 6NYCRR Part 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

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

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

**Item C: Maintenance of Equipment - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination



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

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

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

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

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

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

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event

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

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

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

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

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

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

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

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

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

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



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

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

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

**Item K: Visible Emissions Limited - 6 NYCRR Part 211.3**

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

**Item L: Open Fires - 6 NYCRR Part 215**

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

**Item M: Permit Exclusion - ECL 19-0305**

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



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

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

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

**FEDERAL APPLICABLE REQUIREMENTS**  
**The following conditions are federally enforceable.**

**Condition 1: Maintenance of Equipment**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 1.1:**

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

**Condition 2: Compliance Demonstration**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 2.1:**

The Compliance Demonstration activity will be performed for the Facility.

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

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**Item 2.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

At all times during which the garnet processing plant is in operation, the operator will monitor the pressure differential across the baghouse on a daily basis. Daily records of the pressure differential readings, including corrective actions taken, are to be maintained on-site for a period of at least five years.

Parameter Monitored: PRESSURE

Lower Permit Limit: 0.5 inches of water

Monitoring Frequency: DAILY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 3: Compliance Demonstration**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

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

**Item 3.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-0PM-10

**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No later than 90 days after the permit effective date, the facility owner or operator must conduct performance testing and provide the results of such test to the Administrator.

EPA Method 9 will be used for the performance test at crushers, conveyors, and screens, to confirm compliance with particulate matter standards in 40 CFR 60.672(b) and

(c).

At the time this permit is issued, the garnet processing plant is not operational. The following terms apply if and

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when the garnet processing plant is restarted:

1. The facility will submit written notification to the Department no later than 30 days prior to restart of the plant.
2. No later than 60 days after restart, the facility will perform a stack test to demonstrate that the plant is operating in compliance with the particulate matter standards in 40 CFR 60.672 (a).
3. The performance test will be conducted in accordance with the requirements of 40 CFR 60.8.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4:**

**Performance Test Methods - Waiver**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

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

**Item 4.1:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

**Condition 5: Compliance Demonstration**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

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

**Item 5.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged

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into the atmosphere from any screen or conveyor fugitive emissions which exhibit greater than 10 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 6: Compliance Demonstration**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

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

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere from any crusher fugitive emissions which exhibit greater than 15 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 15 percent

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

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

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





law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**

**Condition 7: Contaminant List**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: ECL 19-0301**

**Item 7.1:**

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

CAS No: 0NY075-00-5

Name: PM-10

**Condition 8: Unavoidable noncompliance and violations**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State6NYCRR 201-1.4**

**Item 8.1:**

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction



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occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

**Condition 9:**

**Emission Unit Definition**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 9.1:**

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

Emission Unit: 0-00001

Emission Unit Description:

STONE PROCESSING PLANT - PRIMARY CRUSHER  
RATED AT 450 TPH AND THREE (3) SECONDARY  
CRUSHERS RATED AT 300 TPH, 350 TPH, AND 400  
TPH; ALL WITH WATER SPRAY.

**Item 9.2:**

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

Emission Unit: 0-00002

Emission Unit Description:

STONE PROCESSING PLANT - THREE (3) TRIPLE  
DECK SCREENS RATED AT 650 TPH AND ONE (1)  
DOUBLE DECK SCREEN RATED AT 350 TPH, ALL  
WITH WATER SPRAY.

**Item 9.3:**

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



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Emission Unit: 0-00003

Emission Unit Description:

STONE PROCESSING PLANT - ONE DOUBLE DECK  
SCREEN RATED AT 350 TPH WITHOUT WATER

SPRAY.

**Item 9.4:**

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

Emission 0-00004

Emission Unit Description:

STONE PROCESSING PLANT - ONE TRIPLE DECK  
SCREEN RATED AT 650 TPH WITHOUT WATER

SPRAY

**Item 9.5:**

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

Emission Unit: 0-00005

Emission Unit Description:

STONE PROCESSING PLANT - ONE (1) 48"  
CONVEYOR; TWO (2) 42" CONVEYORS; TWO (2)  
36" CONVEYORS; TWENTY-THREE (23) 30"  
CONVEYORS; AND FOUR (4) 24" CONVEYORS.

**Item 9.6:**

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

Emission Unit: 0-00006

Emission Unit Description:

GARNET PROCESSING PLANT - GARNET IS  
SCREENED, CRUSHED AND BAGGED (AT A RATE OF  
<10 TPH) - FUGITIVE EMISSIONS ARE VENTED  
THROUGH THE PLANT BAGHOUSE.

**Item 9.7:**

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

Emission Unit: 0-00007

Emission Unit Description:

GARNET PROCESSING PLANT - GARNET IS DRIED  
IN A FLUIDIZED BED DRYER RUN ON LP GAS (AT  
A RATE OF <10 TPH)

**Condition 10:**

**Facility Permissible Emissions**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7**

**Item 10.1:**

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



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following

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

CAS No: 0NY075-00-5                      PTE: 102,649 pounds per year  
Name: PM-10

**Condition 11: Capping Monitoring Condition**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-7**

**Item 11.1:**

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

6NYCRR 201-6

**Item 11.2:**

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

**Item 11.3:**

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

**Item 11.4:**

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

**Item 11.5:**

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

**Item 11.6:**

The Compliance Demonstration activity will be performed for the Facility.

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

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**Item 11.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility accepts a federally enforceable cap that will limit PM-10 emissions to below major source thresholds. It will limit production of finished garnet product to an amount equal to or less than 87,600 tons for any rolling 12 month period.

To confirm compliance with this limit the facility will maintain monthly production records.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: STONE

Upper Permit Limit: 87,600 tons

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 12: Capping Monitoring Condition**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State 6NYCRR 201-7**

**Item 12.1:**

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

6NYCRR 201-6

**Item 12.2:**

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

**Item 12.3:**

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

**Item 12.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an



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emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 12.5:**

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

**Item 12.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 12.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility accepts a federally enforceable cap that limits PM-10 emissions to below major source thresholds. It will limit production of finished crushed stone product to an amount equal to or less than 2,125,000 tons for any rolling 12 month period.

To confirm compliance with the cap, the facility will maintain monthly production records.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: STONE

Upper Permit Limit: 2,125,000 tons

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 13:**

**Air pollution prohibited**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 13.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any

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particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 14:**                    **Compliance Demonstration**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 14.1:**  
The Compliance Demonstration activity will be performed for the Facility.

**Item 14.2:**  
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits.

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

The following data must be recorded for each observation:

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

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

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 15: Emission Point Definition By Emission Unit**  
**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 15.1:**

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

Emission Unit: 0-00001

Emission Point: 00001  
Height (ft): 65  
Diameter (in.): 65

**Item 15.2:**

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

Emission 0-00002

Emission Point: 00002  
Height (ft.): 40  
Diameter (in.): 72

**Item 15.3:**

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

Emission Unit: 0-00003

Emission Pt 00003  
Height (ft.): 50  
Diameter (in.): 60

**Item 15.4:**

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



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Emission Unit: 0-00004

Emission Pt 00004

Height (ft.): 50

Diameter (in.): 72

**Item 15.5:**

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

Emission Unit: 0-00005

Emission Point: 00005

Height (ft.) Diameter (in.): 28

**Item 15.6:**

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

Emission 0-00006

Emission Point: 00006

Height (ft.): 38

Diameter (in.): 30

**Item 15.7:**

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

Emission Unit: 0-00007

Emission Pt 00007

Height (ft.): 38

Diameter (in.): 30

**Condition 16:**

**Process Definition By Emission Unit**

**Effective between the dates of 04/22/2005 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 16.1:**

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

Emission Unit: 0-00001

Process: 001

Source Classification Code: 3-05-040-30

Process Description:

STONE PROCESSING PLANT - PRIMARY CRUSHER  
RATED AT 450 TPH ALONG WITH THREE (3)  
SECONDARY CRUSHERS RATED AT 300 TPH, 350  
TPH AND 400 TPH; ALL WITH SPRAY BARS.

Emission Source/Control: 00001 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

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Emission S00011 - Process  
Design Capacity: 450 tons per hour

**Item 16.2:**

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

Emission Unit: 0-00001  
Process: 011  
Process Description: crusher  
Source Classification Code: 3-05-040-30

Emission S00001 - Control  
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: 00011 - Process  
Design Capacity: 450 tons per hour

**Item 16.3:**

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

Emission Unit: 0-00002  
Process: 002  
Process Description:  
Stone processing plant - three (3) triple deck screens  
rated at 650 tph and one (1) double deck screen rated at  
350 tph, all with water spray.  
Source Classification Code: 3-05-020-06

Emission Source/Control: 00002 - Control  
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: 00022 - Process

**Item 16.4:**

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

Emission Unit: 0-00002  
Process: 022  
Process Description: screen  
Source Classification Code: 3-05-020-06

Emission Source/Control: 00002 - Control  
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission S00022 - Process

**Item 16.5:**

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



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Emission Unit: 0-00003

Process: 003

Source Classification Code: 3-05-020-06

Process Description:

STONE PROCESSING PLANT - ONE (1) DOUBLE  
DECK SCREEN RATED AT 350 TPH; WITHOUT A  
SPRAY BAR.

Emission Source/Control: 00003 - Process

**Item 16.6:**

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

Emission Unit: 0-00004

Process: 004

Source Classification Code: 3-05-020-06

Process Description:

STONE PROCESSING PLANT - ONE (1) TRIPLE  
DECK SCREEN RATED AT 650 TPH; WITHOUT A  
SPRAY BAR.

Emission Source/Control: 00004 - Process

**Item 16.7:**

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

Emission Unit: 0-00005

Process: 005

Process Description:

STONE PROCESSING PLANT - ONE (1) 48"  
CONVEYOR; TWO (2) 42" CONVEYORS; (2) 36"  
CONVEYORS; TWENTY-THREE (23) 30" CONVEYORS;  
AND FOUR (4) 24" CONVEYORS.

Emission Source/Control: 00005 - Control

Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission S00055 - Process

**Item 16.8:**

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

Emission Unit: 0-00006

Process: 006

Process Description:

GARNET PROCESSING PLANT - GARNET IS  
SCREENED, CRUSHED AND BAGGED - FUGITIVE  
EMISSIONS ARE VENTED



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Emission Source/Control: 00006 - Control  
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: 00066 - Process  
Design Capacity: 10 tons per hour

**Item 16.9:**

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

Emission Unit: 0-00007

Process: 007

Process Description:

GARNET PROCESSING PLANT - GARNET IS DRIED  
IN A FLUIDIZED BED DRYER RUN ON LP GAS.

Emission Source/Control: 00007 - Control  
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission S00077 - Process  
Design Capacity: 10 tons per hour