



Department of Environmental Protection

Division of Air Resource Management

NONMETALLIC MINERAL PROCESSING PLANT AIR GENERAL PERMIT NOTIFICATION FORM

D.E.P.

JUN 09 2004

Southwest District Tampa

Part I. Procedures For Use of Air General Permit

- (1) **Eligibility Determination.** The Department of Environmental Protection has established an air general permit under Rule 62-210.300(4)(c)5., Florida Administrative Code (F.A.C.), for nonmetallic mineral processing plants, the principal terms and conditions of which are listed in Part II of this Nonmetallic Mineral Processing Plant Air General Permit Notification Form. The owner or operator of a nonmetallic mineral processing plant may use this air general permit provided the facility meets the eligibility criteria set forth in the rule and, throughout the term of the air general permit, complies with the terms and conditions of the air general permit. The owner or operator of a nonmetallic mineral processing plant shall determine the facility's eligibility for use of the air general permit and notify the Department of intent to use the air general permit.
- (a) No facility which contains an emissions unit, other than a nonmetallic mineral processing plant or a unit exempted from permitting pursuant to Rule 62-210.300(3)(a) or (b), F.A.C., or Rule 62-4.040, F.A.C., shall be eligible to use the nonmetallic mineral processing plant air general permit. A nonmetallic mineral processing plant shall not be eligible to use the nonmetallic mineral processing plant air general permit if the unit would be a Title V source as defined at Rule 62-210.200, F.A.C., be located at or relocated to a Title V source, or create a Title V source with other facilities or emissions units.
 - (b) The owner or operator of any nonmetallic mineral processing plant that would use this air general permit must surrender all existing "nonmetallic mineral processing plant" air permits authorizing operation of the facility.
 - (c) The owner or operator of any nonmetallic mineral processing plant that is eligible and has submitted notification to use an air general permit pursuant to Rule 62-210.300(4)(c)5., F.A.C., and who operates the facility in compliance with the terms and conditions of the air general permit shall not be required to obtain an air construction permit pursuant to Rule 62-210.300(1), F.A.C. In addition, such owner or operator shall not be required to obtain a regular air operation permit pursuant to Rule 62-210.300(2), F.A.C.
 - (d) If a facility or emissions unit permitted by an air general permit under Rule 62-210.300(4), F.A.C., at any time becomes ineligible for the use of the air general permit, or if any facility or emissions unit utilizing an air general permit is determined to have been initially ineligible for use of the air general permit, it shall be subject to enforcement action for constructing or operating without an air permit under Rule 62-210.300(1) or (2), F.A.C.
 - (e) The owner or operator of a stationary nonmetallic mineral processing plant using an air general permit may operate a stationary concrete batching plant using an air general permit at the same location provided all nonmetallic mineral processing plant units operate under a single nonmetallic mineral processing plant air general permit, all concrete batching plant units operate under a single concrete batching plant air general permit, and the resultant facility contains no additional nonexempt units and would not be a Title V source.
 - (f) The owner or operator of a stationary nonmetallic mineral processing plant using an air general permit may operate, or allow the operation of, one or more relocatable concrete batching plants using individual air general permits at the same location as the nonmetallic mineral processing plant provided the resultant facility contains no additional nonexempt units and would not be a Title V source.
 - (g) The owner or operator of multiple relocatable nonmetallic mineral processing plants using individual nonmetallic mineral processing plant air general permits may operate more than one such plant at the same location provided the resultant facility contains no additional nonexempt units, the total combined annual facility-wide fuel oil usage of all plants is less than 240,000 gallons per calendar year, the material processed is less than 10 million tons per calendar year, and the fuel oil sulfur content does not exceed

0.5%, by weight. The owner or operator of the nonmetallic mineral processing plants shall maintain a log book to account for fuel consumption and material processed on a monthly basis. Fuel supplier certifications shall be maintained to account for the sulfur content of the fuel being burned.

- (h) If a relocatable nonmetallic mineral processing plant is used to perform a routine function of a facility subject to regular air permitting, such as crushing recycled asphalt (rap) at an asphalt plant, it shall not operate under the authority of an air general permit. In such case, the regularly permitted facility air construction or air operation permit(s) must provide for operation of the nonmetallic mineral processing plant as an emission unit. If a relocatable nonmetallic mineral processing plant is used at a regularly permitted facility for a non-routine activity, such as destruction of a building, it may do so under the authority of its air general permit. In either case, the resultant facility shall not be a Title V source.
- (2) **Notification.** For each eligible facility intending to operate under the provisions of the nonmetallic mineral processing plant air general permit (Rule 62-210.300(4)(c)5., F.A.C.), the owner or operator must complete and submit Part III of this Nonmetallic Mineral Processing Plant Air General Permit Notification Form to give notice to the Department of intent to use such permit. The owner or operator shall submit Part III of this notification form to the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority. Any nonmetallic mineral processing plant proposing to change location may operate under the terms and conditions included herein, provided the facility is eligible to use the air general permit and the owner or operator notifies the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority by phone prior to changing location and submits a Facility Relocation Notification Form (DEP Form No. 62-210.900(6)) to the Department no later than one (1) business day following relocation.
- (3) **Processing Fee.** The air general permit notification form must be accompanied by the appropriate general permit processing fee pursuant to Rule 62-4.050, F.A.C.
- (4) **Administrative Correction.** Within 30 days of any changes requiring corrections to information contained in this notification form, the owner or operator shall notify the appropriate permitting office in writing. Such changes shall include:
- (a) Any change in the name of the authorized representative or facility address or phone number; or
 - (b) Any other similar minor administrative change at the facility or emissions unit.
- (5) **Equipment Changes.** In case of the installation of new process equipment, alteration of existing process equipment without replacement, or the replacement of existing process equipment with equipment substantially different than that noted on the most recent notification form, the owner or operator shall submit a new and complete general permit notification form with the appropriate fee pursuant to Rule 62-4.050, F.A.C., to the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority.
- (6) **Violation of Permit.** The nonmetallic mineral processing plant air general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity is a violation of the permit. The owner or operator is placed on notice that violation of the permit constitutes grounds for revocation and suspension pursuant to Rules 62-4.100 and 62-4.530(4), F.A.C., and initiation of enforcement action pursuant to Sections 403.141 through 403.161, Florida Statutes (F.S.). No revocation shall become effective except after notice is served by personal service, certified mail, or newspaper notice pursuant to Section 120.60(5), F.S., upon the person or persons named therein and a hearing held, if requested within the time specified in the notice. The notice shall specify the provision of the law or rule alleged to be violated, or the permit condition or Department order alleged to be violated, and the facts alleged to constitute a violation thereof.
- (7) **Nullification of Eligibility.** Eligibility for use of an air general permit under Rule 62-210.300(4), F.A.C., is nullified by submission of false or inaccurate information in the notification form for use of the air general permit or in the required reports.
- (8) **Use of Permit.** Any facility or emissions unit eligible to operate under the terms of an air general permit may use the permit 30 days after giving notice to the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority without any agency action.

NONMETALLIC MINERAL PROCESSING PLANT
AIR GENERAL PERMIT NOTIFICATION FORM

Part II. Permit Terms and Conditions
(Keep this Part onsite for use by facility staff.)

- (1) Applicability.** This part of the Nonmetallic Mineral Processing Plant Air General Permit Notification Form includes the principal terms and conditions of the air general permit for a nonmetallic mineral processing plant established by the Department at Rule 62-210.300(4)(c)5., Florida Administrative Code (F.A.C.). Throughout the term of the air general permit, the owner or operator shall ensure that the facility maintains its eligibility to use this air general permit and complies with all terms and conditions of the air general permit.
- (2) General Conditions.** All terms, conditions, requirements, limitations, and restrictions set forth in Rule 62-210.300(4)(e), F.A.C., and listed below (Rule 62-210.300(4)(e)1. through 15., F.A.C.) are “general permit conditions” and are binding upon the owner or operator of the facility utilizing the nonmetallic mineral processing plant air general permit.
- (a) A permittee’s use of a general permit is limited to five years. No later than 30 days prior to the fifth anniversary of the filing of intent to use the general permit, the owner or operator shall submit a new notice of intent which shall contain all current information regarding the facility or emissions unit. Eligibility to use the general permit is not transferable and does not follow a change in ownership of the facility or emissions unit. Prior to any sale, other change of ownership, or permanent shutdown of the facility, the owner or operator is encouraged to notify the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority of the pending action. The owner shall remain liable for corrective actions that may be required as a result of any violations occurring in the time after the sale or legal transfer of the facility or emissions unit, but before a new owner is entitled to use an air general permit.
 - (b) The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit.
 - (c) The general permit does not convey any vested rights or any exclusive privileges, nor does it authorize any injury to public or private property nor any invasion of personal rights. It does not authorize any infringement of federal, state, or local laws or regulations.
 - (d) The general permit does not relieve the owner or operator of the facility or emissions unit from liability and penalties when the construction or operation of the permitted activity causes harm or injury to human health or welfare; causes harm or injury to animal, plant or aquatic life; or causes harm or injury to property. It does not allow the owner or operator to cause pollution in contravention of Florida law.
 - (e) The general permit conveys no title to land or water, nor does it constitute State recognition or acknowledgment of title.
 - (f) The owner or operator shall make every reasonable effort to conduct the specific activity authorized by the general permit in a manner that will minimize any adverse effects on adjacent property or on public use of the adjacent property, where applicable, and on the environment, including fish, wildlife, natural resources, water quality or air quality.
 - (g) The owner or operator shall allow a duly authorized representative of the Department access to the permitted facility, emissions unit, or activity at reasonable times to inspect and test, upon presentation of credentials or other documents as may be required by law, to determine compliance with the general permit and Department rules.
 - (h) The owner or operator shall maintain any permitted facility, emissions unit, or activity in good condition. Throughout the term of the air general permit, the owner or operator shall ensure that the facility or emissions unit maintains its eligibility to use the air general permit and complies with all terms and conditions of the air general permit.

- (i) The air general permit shall be effective until suspended, revoked, surrendered, expired, or nullified pursuant to Rule 62-210.300(4), F.A.C. The general permit may be modified, suspended or revoked in accordance with Chapter 120, Florida Statutes (F.S.), if the Secretary determines that there has been a violation of any of the terms or conditions of the permit, there has been a violation of state water quality standards or state air quality standards, or the permittee has submitted false, incomplete or inaccurate data or information.
- (j) The air general permit does not authorize any demolition or renovation of the facility or emissions unit or its parts or components which involves asbestos removal. The air general permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C.
- (k) The general permit does not authorize any open burning.
- (l) No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the proper operation of all applicable air pollution control devices.
- (m) If, for any reason, the owner or operator of any facility or emissions unit operating under an air general permit pursuant to Rules 62-210.300(4)(b) through (c), F.A.C., does not comply with or will be unable to comply with any condition or limitation of the permit, the permittee shall immediately provide the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority with the following information:
 - 1. A description of and cause of noncompliance; and,
 - 2. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result.
- (n) The general permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent air standards established by federal or local law.
- (o) Each facility located within the borders of any of the following counties shall also comply with the requirements of that county:
 - 1. Broward County.
 - 2. Dade County.
 - 3. Duval County.
 - 4. Hillsborough County.
 - 5. Orange County.
 - 6. Palm Beach County.
 - 7. Pinellas County.
 - 8. Sarasota County.

(3) Definitions. For purposes of the nonmetallic mineral processing plant air general permit, the definitions of 40 CFR 60.671, adopted and incorporated by reference at Rule 62-204.800, F.A.C., shall apply. The following words and phrases, when used in this form, shall have the following meanings:

- (a) "Capacity" – Per 40 CFR 60.671, the cumulative rated capacity of all initial crushers that are part of the plant.
- (b) "Department" or "DEP" - The State of Florida Department of Environmental Protection.
- (c) "Emission Limiting Standard" - Any restriction established in or pursuant to a regulation adopted by the Department which limits the quantity, rate, concentration or opacity of any pollutant released, allowed to escape or emitted, whether intentionally or unintentionally, into the atmosphere, including any restriction which prescribes equipment, sets fuel specifications, or prescribes operation or maintenance procedures for an emissions unit to assure emission reduction or control.

- (d) "Emissions Unit" - Any part or activity of a facility that emits or has the potential to emit any air pollutant.
- (e) "Facility" - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).
- (f) "Owner" or "Operator" - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.
- (g) "Nonmetallic Mineral Processing Plant" - Per 40 CFR 60.671, any combination of equipment that is used to crush or grind any nonmetallic mineral wherever located, including lime plants, power plants, steel mills, asphalt concrete plants, portland cement plants or any other facility processing nonmetallic minerals.
- (h) "Relocatable Facility" - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.
- (i) "Screening Operation" - Per 40 CFR 60.671, a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series and retaining oversize material on the mesh surfaces (screens).
- (j) "Size" - Per 40 CFR 60.671, the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.
- (k) "Unconfined Emissions" - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

(4) Emission Standards.

- (a) The owner or operator shall comply with the following emissions standards, as applicable:
 1. Stack emissions from any crusher, grinding mill, screening operation, bucket elevator, transfer point on belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading station, or any other affected emission point subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., shall not contain particulate matter in excess of 0.05 grams per dry standard cubic meter (g/dscm) nor exceed 7% opacity, unless the stack emissions are discharged from a wet scrubbing control device.
 2. Stack emissions from any baghouse that controls emissions from only an individual, enclosed storage bin subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., shall not exceed 7% opacity.
 3. Visible emissions from any grinding mill, screening operation, bucket elevator, transfer point on belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading station, or any other affected emission point subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., shall not exceed 10% opacity; and visible emissions from any crusher without a capture system subject to 40 CFR Part 60, Subpart OOO, shall not exceed 15% opacity.
 4. If any crusher, grinding mill, screening operation, bucket elevator, transfer point on belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading station, or any other emission point subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., is enclosed in a building, then each enclosed emission point must comply with the emission limits in Rule 62-210.300(4)(c)5.e.(i) through (iii), F.A.C., or the building enclosing the emission point(s) shall not discharge any visible fugitive emissions, except emissions from a vent, and the vent emissions shall not exceed the stack emissions limits of Rule 62-210.300(4)(c)5.e.(i), F.A.C.
 5. Visible emissions from any crusher, grinding mill, screening operation, bucket elevator, transfer point on belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading station, or any other emission point not subject to 40 CFR Part 60, Subpart OOO, shall be less than 20% opacity, pursuant to Rule 62-296.320(4)(b)1., F.A.C.

6. Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., is exempt from the emissions standards of Rule 62-210.300(4)(c)5.e., F.A.C.
- (b) The owner or operator shall ensure that wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin and are subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., do not discharge any visible emissions. The owner or operator shall also ensure that screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line and are subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., do not discharge any visible emissions.

(5) Control Technology.

- (a) For all relocatable nonmetallic mineral processing plants, except those located at mines or quarries and processing only material from onsite natural deposits, and for all stationary nonmetallic mineral processing plants processing dry material, the owner or operator shall have a water suppression system with spray bars located at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points.
- (b) The owner or operator shall comply with Rule 62-296.320(4)(c), F.A.C., using at least the following reasonable precautions:
 1. Unconfined emissions that might be generated from various activities throughout a nonmetallic mineral processing plant processing dry material shall be controlled by using a water suppression system with spray bars located at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points.
 2. Unconfined emissions that might be generated by vehicular traffic or wind shall be controlled by applying water (by water trucks equipped with spray bars) or effective dust suppressant(s) on a regular basis to all stockpiles, roadways and work-yards where this nonmetallic mineral processing plant is located.
- (c) The owner or operator of a nonmetallic mineral processing plant subject to 40 CFR Part 60, Subpart OOO, adopted and incorporated by reference at Rule 62-204.800, F.A.C., and using a wet scrubber to control emissions shall comply with the monitoring requirements of 40 CFR 60.674, adopted and incorporated by reference at Rule 62-204.800, F.A.C.

(6) Testing Requirements.

- (a) The visible emission reference test method shall be EPA Method 9, the visible fugitive emission reference test method shall be EPA Method 22, the particulate matter reference test method shall be either EPA method 5 or 17, and the test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C., 40 CFR 60.675, and 40 CFR Part 60, Appendix A, adopted and incorporated by reference at Rule 62-204.800, F.A.C.
- (b) The owner or operator shall provide a compliance demonstration with the emission standards of Rule 62-210.300(4)(c)5.e., F.A.C., along with a request for renewal of authorization for use of the air general permit. The owner or operator of any new facility shall demonstrate initial compliance with the emission standards of Rule 62-210.300(4)(c)5.e., F.A.C., prior to beginning commercial operation and shall demonstrate renewal compliance with the emission standards of Rule 62-210.300(4)(c)5.e., F.A.C., within 60 days prior to the anniversary of the initial air general permit notification form submittal date. The owner or operator of any existing facility shall demonstrate compliance with the emission standards of Rule 62-210.300(4)(c)5.e., F.A.C., within 60 days prior to submitting an air general permit notification form and shall demonstrate renewal compliance within 60 days prior to the anniversary of the initial air general permit notification form submittal date.
- (c) If the facility is subject to the provisions of 40 CFR Part 60, Subpart OOO, the owner or operator shall be in compliance with 40 CFR 60.8, Performance Tests, and 40 CFR 60.11, Compliance with Standards and Maintenance Requirements.

(7) Reporting and Recordkeeping Requirements.

- (a) The owner or operator shall notify the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator pursuant to Rule 62-297.310(7)(a)9., F.A.C.
- (b) The owner or operator shall file the test report(s) to the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority, no later than 45 days after the last sampling run of each test is completed pursuant to Rules 62-297.310(8)(a) & (b), F.A.C. The details of the reports shall be in accordance with Rule 62-297.310(8)(c), F.A.C.
- (c) If the facility is subject to the provisions of 40 CFR Part 60, Subpart OOO, the owner or operator shall be in compliance with the provisions of 40 CFR 60.676, Reporting and Recordkeeping, 40 CFR 60.7, Notification and Recordkeeping, and 40 CFR 60.19, General Notification and Reporting Requirements.

NONMETALLIC MINERAL PROCESSING PLANT
AIR GENERAL PERMIT NOTIFICATION FORM

Part III. Notification of Intent to Use Air General Permit

(Submit this Part to the appropriate permitting office and keep copy of completed form onsite. Instructions follow.)

Instructions to Owner or Operator: To give notice to the Department of an eligible facility's intent to use the nonmetallic mineral processing plant air general permit, the owner or operator of the facility must detach and complete Part III of this Nonmetallic Mineral Processing Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(o), F.A.C. Please note, the form will not be considered complete unless: 1) the processing fee is attached; 2) if the facility is new, initial visible and particulate matter emissions testing was conducted before beginning commercial operation and the test results have already been submitted to the appropriate permitting authority or accompany the form; and, 3) if the facility is existing, visible and particulate matter emissions testing (initial and renewal) was conducted within 60 days prior to submitting the form and the test results have already been submitted to the appropriate permitting authority or accompany the form. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner): Bedrock Resources		
Site Name (For example, plant name or number): Sumter Mine—CR6 Portable Crushing Unit		
Facility Location: Street Address: 4289 East C.R. 470 City: Sumterville County: Sumter Zip Code: 33585		
Facility Start-Up Date:		
Relocatable: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

Notification Type

Check one: <input checked="" type="checkbox"/> NEW: Notification of a proposed <i>new</i> nonmetallic mineral processing plant. <input type="checkbox"/> EXISTING: Notification of an <i>existing</i> nonmetallic mineral processing plant. <input type="checkbox"/> RENEWAL: Notification for permit renewal of an <i>existing</i> nonmetallic mineral processing plant.

Owner/Authorized Representative

Name and Title: Darryl Lanker, President		
Owner/Authorized Representative Mailing Address: Organization/Firm: Bedrock Resources Street Address: 1510 SW 17th Street City: Ocala County: Marion Zip Code: 34474		
Owner/Authorized Representative Telephone Number: Telephone: (352) 369-8600 Fax: (352) 369-8837		

Facility Contact (If different from Owner/Authorized Representative)

Name and Title: Lee Madsen		
Facility Contact Mailing Address: Organization/Firm: Bedrock Resources Street Address: 1510 SW 17th Street City: Ocala County: Marion Zip Code: 34474		
Facility Contact Telephone Number: Telephone: (352) 369-8600 Fax: (352) 369-8837		

Facility Comments

The plant process limestone. The amount of material to be processed is 1000 tons per hour. The plant is expected to operate for approximately 5000 hrs/year.

Material to be Processed and Plant Capacities

Material to be Processed	Capacity of Plant	Yes	No
<input type="checkbox"/> Concrete	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Recycled asphalt pavement	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Crushed and broken stone, including limestone, dolomite, traprock, sandstone, quartz, quartzite, slate, shale, or oilshale	>150 tons/hour (relocatable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sand, shell or gravel	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Common clay	>10 tons per hour	<input type="checkbox"/>	<input type="checkbox"/>
Facility will be located at mines or quarries and used to process only material from onsite natural deposits: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Comments: N/A			

Affected Facilities Description

Affected Facility	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)	Subject to 40 CFR Part 60, Subpart OOO	
						Yes	No
Primary Crusher(s)	Universal	2001	42X54	616X92	1000 TPH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secondary Crusher(s)	N/A	N/A	N/A	N/A	N/A TPH	<input type="checkbox"/>	<input type="checkbox"/>
Tertiary Crusher	N/A	N/A	N/A	N/A	N/A TPH	<input type="checkbox"/>	<input type="checkbox"/>
Grinding Mill(s)	N/A	N/A	N/A	N/A	N/A TPH	<input type="checkbox"/>	<input type="checkbox"/>
Bucket Elevator(s)	N/A	N/A	N/A	N/A	N/A TPH	<input type="checkbox"/>	<input type="checkbox"/>
Screening Operation(s)	N/A	N/A	N/A	N/A	N/A FT ²	<input type="checkbox"/>	<input type="checkbox"/>
Bagging Operation	N/A	N/A	N/A	N/A	N/A TPH	<input type="checkbox"/>	<input type="checkbox"/>
Storage Bin(s)	N/A	N/A	N/A	N/A	N/A TONS	<input type="checkbox"/>	<input type="checkbox"/>
Enclosed Truck or Railcar Loading Station	N/A	N/A	N/A	N/A	N/A TPH	<input type="checkbox"/>	<input type="checkbox"/>
Crusher Engine	CAT 3456	2003	CC800904	7W601573	390 HP	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Auxiliary Generator(s)	CAT 3456	2003	---	CER00768	455 KW	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Belt Conveyor(s)	Superior 150' X 42"	11-03	42150	I-Stacker 5312	42 IN.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	In House	11-03	N/A	Delivery Belt	48 IN.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

Comments:

No Grizzly Screens for this unit.

Attached to this application is a process diagram.

Surrender of Existing Air Permit(s) except Air General Permits (do not complete for renewal notifications)

Check one:

I hereby surrender all existing air permits authorizing operation of the facility* indicated on this form; specifically permit number(s) 1190019-004-AO previously surrendered; this will be the third individual General Permit for this site.

No air permits currently exist for the operation of the facility indicated on this form.

* Except a regular air permit containing a relocatable nonmetallic mineral processing plant as an emissions unit.

Owner/Authorized Representative Statement

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the facility and any air pollution control equipment described in this notification so as to comply with all applicable standards and requirements for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this notification.

Al Fisher, Pres.
Signature

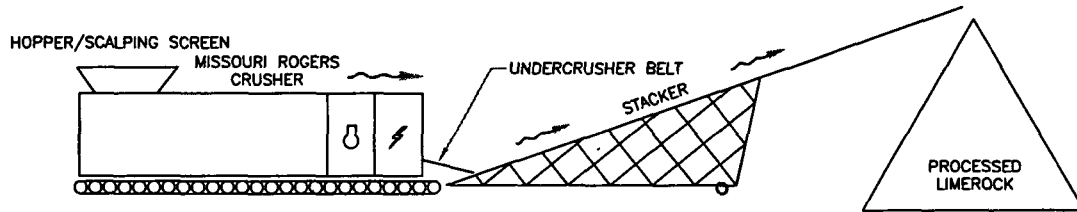
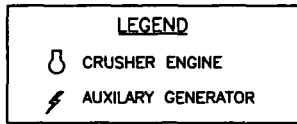
6-7-04
Date

BEDROCK RESOURCES - SUMTER MINE
 SUMTERVILLE, FLORIDA

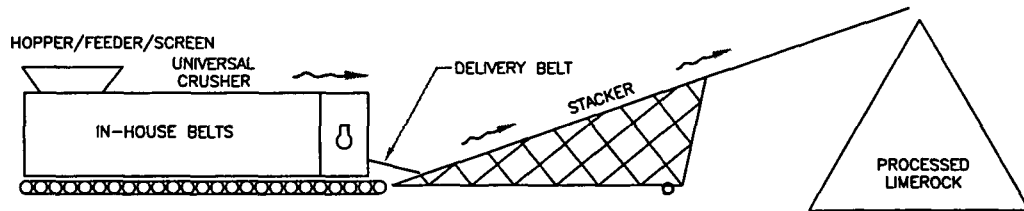
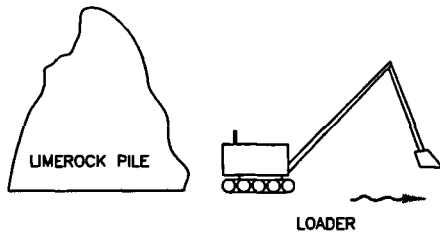
FIGURE 1.
 PROCESS SCHEMATIC
 DATE: APRIL 2004

ROCKLER & ASSOCIATES
 ENVIRONMENTAL SERVICES
 4014 NW THIRTIETH STREET
 SUITE 202 • FORT LAUDERDALE, FL 33309
 TEL: 954-777-7188

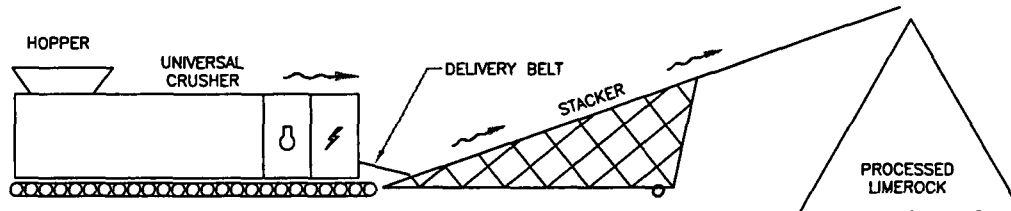
CR2: 1190019-005-AG



CR4: 1190034-001-AG



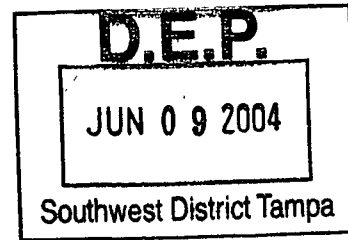
CR6: GP APPLICATION SUBMITTED



KA590-04-01
May 19, 2004



4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
352/377-5822 ■ FAX/377-7158



Mr. Gerald Kissel
Air Program Administrator
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

SUBJECT: Bedrock Resources—Sumter Mine, CR-6 Universal Plant
Air General Permit Application

Dear Mr. Kissel:

This letter transmits the *Air General Permit Notification Form* to the referenced equipment at the referenced facility.

Please note:

- 1) The processing fee is attached; in accordance with Rule 62-4.050(4)(p)(2) F.A.C, the processing fee is **\$100** for a general permit not requiring Professional Engineer Certification.
- 2) Visible emissions testing was conducted within 60 days prior to submitting the form (testing conducted April 26, 2004), and the results were submitted to the compliance section within 45 days of the completion of testing. A copy is also included for your convenience.

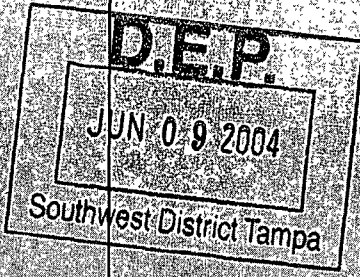
Please provide written confirmation of coverage under the General Permit. If you have any questions, please call me at (352) 377-5822.

Best Regards,

Veronica N. Sgro, E.I.
KOOGLER & ASSOCIATES

Cc: Darryl Lanker, Bedrock Resources

REFERENCE NO.	DESCRIPTION	INVOICE DATE	INVOICE AMOUNT	DISCOUNT TAKEN	AMOUNT PAID
AIR PERMIT 6/04		6/4/04	100.00		100.00



CHECK DATE	CHECK NO.	PAYEE	DISCOUNTS TAKEN	CHECK AMOUNT
6/4/04	25919	DEPT OF ENVIRONMENTAL		\$100.00

ORIGINAL CHECK HAS A COLORED BACKGROUND PRINTED ON CHEMICAL REACTIVE PAPER - SEE BACK FOR DETAILS

BEDROCK RESOURCES

1510 S.W. 17TH ST., SUITE 302
OCALA, FLORIDA 34474

WACHOVIA BANK, N.A.
OCALA, FLORIDA
63-751
831

025919

Memo:

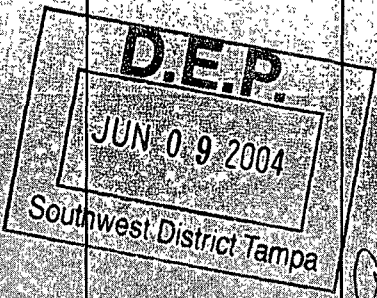
CHECK NO.	DATE	AMOUNT
25919	Jun 4, 2004	*****\$100.00

One Hundred and 00/100 Dollars
TO THE ORDER OF:
DEPT OF ENVIRONMENTAL PROTECTION- SW DISTRICT
3804 COCONUT PALM DRIVE
TAMPA, FL 33619-8318

VOID AFTER 90 DAYS
Alston
AUTHORIZED SIGNATURE

⑈025919⑈ ⑆063607563⑆ 2090002033009⑈

REFERENCE NO.	DESCRIPTION	INVOICE DATE	INVOICE AMOUNT	DISCOUNT TAKEN	AMOUNT PAID
AIR PERMIT 6/04		6/4/04	100.00		100.00



CHECK DATE	CHECK NO.	PAYEE	DISCOUNTS TAKEN	CHECK AMOUNT
6/4/04	25919	DEPT OF ENVIRONMENTAL		\$100.00

Re. 5/21/04
RA

VISIBLE EMISSIONS OBSERVATIONS

Bedrock Resources
~~CONSOLIDATED MINERALS, INC.~~
Center Hill, Sumter County, Florida
Sumterville

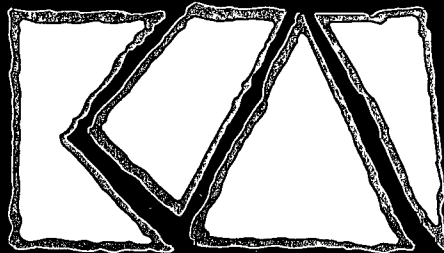
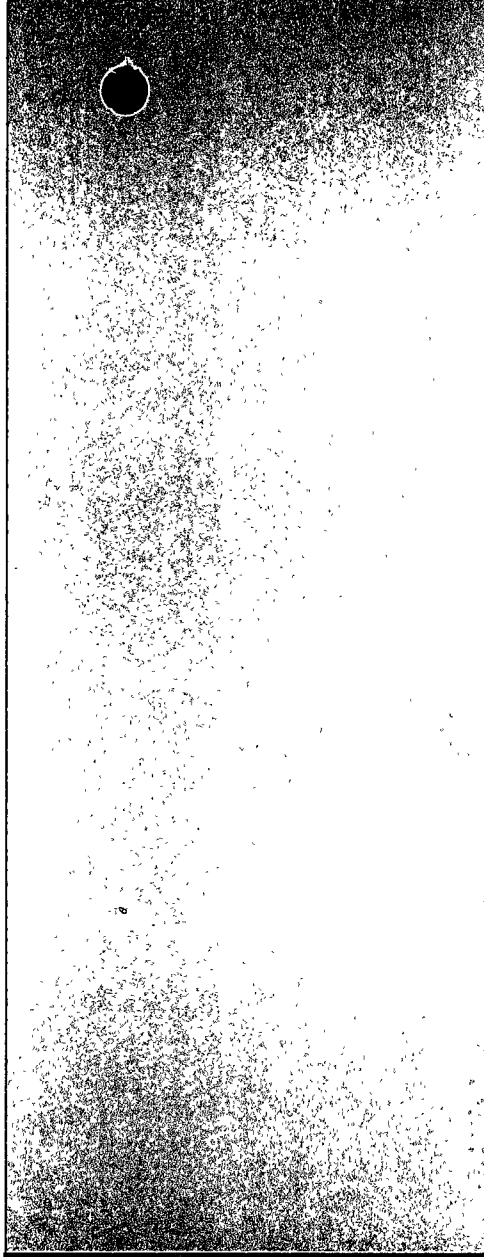
Emission Units 002 - 006 CR6

In support of
Nonmetallic Mineral Processing Plant
Air General Permit Notification Form

7775244-001-AG

Permit No. ~~1190018-008-AO~~ *NEW FACILITY

Test Date: April 26, 2004
Report Date: May 3, 2004



**KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES**

4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
352/377-5822 ■ FAX/377-7158

VISIBLE EMISSIONS
OBSERVATIONS REPORT

Limestone Processing Plant

**BEDROCK RESOURCES
SUMTER MINE**
Sumterville, Florida

Portable Crushing Unit No. CR6

**In support of Nonmetallic Mineral Processing Plant
Air General Permit Notification Form**

Test Date: April 26, 2004
Report Date: May 3, 2004

*Koogler & Associates
Environmental Services
4014 N.W. 13th Street
Gainesville, Florida 32609
(904) 377-5822*

590-04-02



To the best of my knowledge, all applicable field and analytical procedures comply with the Florida Department of Environmental Protection requirements and all test data and plant operating data are true and correct.

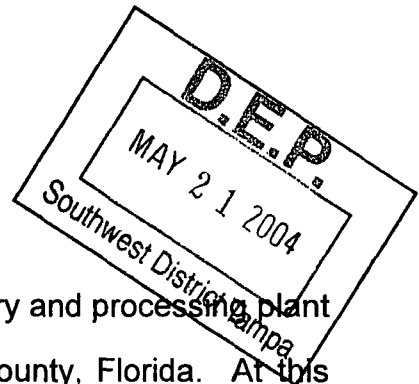


John B. Koogler, Ph.D., P.E.

State of Florida
Registration No. 12925

05/03/04

Date



1.0 INTRODUCTION

Bedrock Resources owns and operates a limestone quarry and processing plant at 4289 East County Road 470, Sumterville, Sumter County, Florida. At this facility, limestone is excavated and processed to produce crushed stone.

On April 26, 2004, Koogler & Associates Environmental Services of Gainesville, Florida, conducted a visible emissions observation at the plant in accordance with EPA Method 9 as described in 40 CFR 60, Appendix A. The purpose of the testing was to demonstrate compliance with the emission limiting standards set forth in 40 CFR 60, Subpart OOO.

Prior to the test date, the Southwest District Office of the Florida Department of Environmental Protection (FDEP) in Tampa was notified of the test schedule and test methods.

During the test period, visible emission observations were conducted on CR6, the crusher hopper, crusher and crusher drop to the conveyor. Visible emission observations were conducted for 60-minute periods on each point. No visible emissions were observed from the crusher system or the limerock conveying system. The rule limits the opacity of emissions from limerock crushing to 15 percent and handling to 10 percent.

Based upon the data presented herein, it can be concluded that during the test period on April 26, 2004, the Portable Crushing Unit No. CR6 was operating in compliance with the emission limiting standards set forth by the EPA in 40 CFR 60, Subpart 000.

Appendix

Calculations

Field Data Sheets

Plant Information

Project Participants

Calculations

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
 SOURCE: CRUSHER (CR6), HOPPER LOADING AREA
 DATE : APRIL 26, 2004
 TIME START: 08:10
 TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
 SOURCE: CRUSHER (CR6), HOPPER LOADING AREA
 DATE : APRIL 26, 2004
 TIME START: 08:10
 TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
SOURCE: CRUSHER (CR6), HOPPER LOADING AREA
DATE : APRIL 26, 2004
TIME START: 08:10
TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
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MINUTES	OPACITY (%)			
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31	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
 SOURCE: CRUSHER (CR6), CRUSHER AREA
 DATE : APRIL 26, 2004
 TIME START: 08:10
 TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
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20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

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SOURCE: CRUSHER (CR6), CRUSHER AREA
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SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0

AVERAGE OPACITY: 0.0 %
MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
SOURCE: CRUSHER (CR6), CRUSHER AREA
DATE : APRIL 26, 2004
TIME START: 08:10
TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1.	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

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31	0.0	0.0	0.0	0.0
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33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

KOUGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
 SOURCE: CRUSHER (CR6), CRUSHER EXIT TO CONVEYOR
 DATE : APRIL 26, 2004
 TIME START: 08:10
 TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
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31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0

AVERAGE OPACITY: 0.0 %
 MAXIMUM OPACITY: 0 %

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
SOURCE: CRUSHER (CR6), CRUSHER EXIT TO CONVEYOR
DATE : APRIL 26, 2004
TIME START: 08:10
TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	0.0
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 60 MINUTE VISIBLE EMISSIONS

PLANT : BEDROCK RESOURCES
SOURCE: CRUSHER (CR6), CRUSHER EXIT TO CONVEYOR
DATE : APRIL 26, 2004
TIME START: 08:10
TIME FINISH: 09:10

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS				
31	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0
33	0.0	0.0	0.0	0.0
34	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0
36	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0
49	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0
51	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0
57	0.0	0.0	0.0	0.0
58	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0

HIGHEST SIX-MINUTE ROLLING AVERAGE: 0.0 %

Field Data Sheets



EP 2

CONTINUED ON VEO FC NUMBER

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SOURCE NAME		OBSERVATION DATE				START TIME				STOP TIME						
BED ROCK RESOURCES		4/26/04				08:10				09:10						
ADDRESS		SEC				SEC				SEC						
SUMTER MINE		MIN	0	15	30	45	MIN	0	15	30	45	MIN	0	15	30	45
4289 EAST CR. 470		1	0	0	0	0	31	0	0	0	0	31	0	0	0	0
CITY	STATE	ZIP														
SUMTERVILLE	FL															
PHONE		SOURCE ID NUMBER														
352-369-8600		- #6														
PROCESS EQUIPMENT		OPERATING MODE														
CRUSHER AREA		NORMAL														
CONTROL EQUIPMENT		OPERATING MODE														
		NORMAL														
DESCRIBE EMISSION POINT		LIME STONE CRUSHER														
START CRUSHER AREA		STOP														
HEIGHT ABOVE GROUND LEVEL		HEIGHT RELATIVE TO OBSERVER														
START 26' STOP -		START 15' STOP														
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER														
START 150' STOP -		START 325° STOP -														
DESCRIBE EMISSIONS		NONE														
START -		STOP														
EMISSION COLOR		PLUME TYPE: CONTINUOUS <input type="checkbox"/>														
START - STOP -		FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>														
WATER DROPLETS PRESENT:		IF WATER DROPLET PLUME:														
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>														
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED																
START CRUSHER BOTTOM		STOP -														
DESCRIBE BACKGROUND																
START SKY & TAN ROCK		STOP -														
BACKGROUND COLOR		SKY CONDITIONS														
START BLUE/TAN		START CLEAR				STOP -										
WIND SPEED		WIND DIRECTION														
START 0-1 STOP 3-5		START S STOP S														
AMBIENT TEMP.		WET BULB TEMP.		RH, percent												
START 75°F STOP		71°F		82%												
<p>Source Layout Sketch</p> <p>Crusher Emission Point Conveyor Boom/Belt Crane Rock Pile Sun Wind Plume and Stack Observers Position Sun Location Line Processed Rock</p>																
		AVERAGE OPACITY FOR HIGHEST PERIOD				NUMBER OF READINGS ABOVE % WERE										
		RANGE OF OPACITY READINGS				MINIMUM				MAXIMUM						
		OBSERVER'S NAME (PRINT)				NEIL A. LOFGREN										
		OBSERVER'S SIGNATURE				DATE				4/26/04						
		ORGANIZATION				Kogler ASSO										
		I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE				CERTIFIED BY				DATE						
		TITLE				DATE				12/03						
		VERIFIED BY				DATE										
		COMMENTS				NO OBSERVABLE EMISSION										



EPI

CONTINUED ON VEO FL. NUMBER

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME					
BEDROCK RESOURCES			4/26/04				08:10		09:10					
ADDRESS			SEC	MIN	0	15	30	45	SEC	MIN	0	15	30	45
SUMTER MINE														
4289 EAST GR. 470			1	0	0	0	0	0	31	0	0	0	0	0
CITY	STATE	ZIP	2	0	0	0	0	0	32	0	0	0	0	0
SUMTERVILLE	FL		3	0	0	0	0	0	33	0	0	0	0	0
PHONE	SOURCE ID NUMBER		4	0	0	0	0	0	34	0	0	0	0	0
352-369-8600	# 6		5	0	0	0	0	0	35	0	0	0	0	0
PROCESS EQUIPMENT	OPERATING MODE		6	0	0	0	0	0	36	0	0	0	0	0
HOPPER LOAD AREA	NORMAL		7	0	0	0	0	0	37	0	0	0	0	0
CONTROL EQUIPMENT	OPERATING MODE		8	0	0	0	0	0	38	0	0	0	0	0
	NORMAL		9	0	0	0	0	0	39	0	0	0	0	0
DESCRIBE EMISSION POINT LIME STONE CRUSHER			10	0	0	0	0	0	40	0	0	0	0	0
START HOPPER AREA	STOP		11	0	0	0	0	0	41	0	0	0	0	0
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER		12	0	0	0	0	0	42	0	0	0	0	0
START 23' STOP	START 18' STOP		13	0	0	0	0	0	43	0	0	0	0	0
DISTANCE FROM OBSERVER	DIRECTION FROM OBSERVER		14	0	0	0	0	0	44	0	0	0	0	0
START 150' STOP	START 325° STOP		15	0	0	0	0	0	45	0	0	0	0	0
DESCRIBE EMISSIONS NONE			16	0	0	0	0	0	46	0	0	0	0	0
START	STOP		17	0	0	0	0	0	47	0	0	0	0	0
EMISSION COLOR	PLUME TYPE: CONTINUOUS <input type="checkbox"/>		18	0	0	0	0	0	48	0	0	0	0	0
START NONE STOP	FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		19	0	0	0	0	0	49	0	0	0	0	0
WATER DROPLETS PRESENT:	IF WATER DROPLET PLUME:		20	0	0	0	0	0	50	0	0	0	0	0
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		21	0	0	0	0	0	51	0	0	0	0	0
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			22	0	0	0	0	0	52	0	0	0	0	0
START HOPPER ENTRANCE	STOP		23	0	0	0	0	0	53	0	0	0	0	0
DESCRIBE BACKGROUND			24	0	0	0	0	0	54	0	0	0	0	0
START SKY	STOP		25	0	0	0	0	0	55	0	0	0	0	0
BACKGROUND COLOR	SKY CONDITIONS		26	0	0	0	0	0	56	0	0	0	0	0
START BLUE STOP	START CLEAR STOP		27	0	0	0	0	0	57	0	0	0	0	0
WIND SPEED	WIND DIRECTION		28	0	0	0	0	0	58	0	0	0	0	0
START 0-1 STOP 3-5	START S STOP S		29	0	0	0	0	0	59	0	0	0	0	0
AMBIENT TEMP. F	WET BULB TEMP.	RH, percent	30	0	0	0	0	0	60	0	0	0	0	0
START 75° STOP	71°F	82%	AVERAGE OPACITY FOR HIGHEST PERIOD			NUMBER OF READINGS ABOVE			RANGE OF OPACITY READINGS			OBSERVER'S NAME (PRINT)		
			6			0% WERE			MINIMUM			NEIL A. KOOGLER		
COMMENTS: NO OBSERVABLE EMISSION			6			0% WERE			MAXIMUM			OBSERVER'S SIGNATURE		
												DATE 4/26/04		
												ORGANIZATION: KOOGLER ASSOCIATES		
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			CERTIFIED BY			DATE			VERIFIED BY			DATE		
SIGNATURE			ETA			2/03								
TITLE			DATE											



EP 3

CONTINUED ON VEO FC. NUMBER

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME			
BEOROCK RESOURCES INC			4/26/04				08:10		09:10			
ADDRESS			SEC				MIN		SEC			
SUMTER MINE			MIN				0		0			
4289 EAST CR. 470			15				31		0			
CITY STATE ZIP			30				32		0			
SUMTERVILLE FL			45				33		0			
PHONE SOURCE ID NUMBER			0				34		0			
352-369-8600 #6 CRUSHER			0				35		0			
PROCESS EQUIPMENT OPERATING MODE			0				36		0			
CRUSHER EXIT TO CONVEYOR NORMAL			0				37		0			
CONTROL EQUIPMENT OPERATING MODE			0				38		0			
-			0				39		0			
DESCRIBE EMISSION POINT Limestone CRUSHER			0				40		0			
START FEED TO CONVEYOR/STOP			0				41		0			
HEIGHT ABOVE GROUND LEVEL HEIGHT RELATIVE TO OBSERVER			0				42		0			
START 4-5' STOP - START 0 STOP			0				43		0			
DISTANCE FROM OBSERVER DIRECTION FROM OBSERVER			0				44		0			
START 150' STOP - START 325° STOP			0				45		0			
DESCRIBE EMISSIONS NONE			0				46		0			
START - STOP -			0				47		0			
EMISSION COLOR PLUME TYPE: CONTINUOUS <input type="checkbox"/>			0				48		0			
START NONE STOP FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>			0				49		0			
WATER DROPLETS PRESENT: IF WATER DROPLET PLUME:			0				50		0			
NO <input type="checkbox"/> YES <input type="checkbox"/> ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>			0				51		0			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			0				52		0			
START CRUSHER FEED TO STOP CONVEYOR BELT			0				53		0			
DESCRIBE BACKGROUND IN UNITS OF CRUSHER			0				54		0			
START MACHINERY STOP -			0				55		0			
BACKGROUND COLOR SKY CONDITIONS			0				56		0			
START Tan STOP CLEAR STOP			0				57		0			
WIND SPEED WIND DIRECTION			0				58		0			
START 0-1 STOP 3-5 START S STOP S			0				59		0			
AMBIENT TEMP. WET BULB TEMP. RH. percent			0				60		0			
START 75°F STOP - START 71°F RH. 82%			0				0		0			
<p>Source Layout Sketch CONVEYOR BOOM/BELT CRUSHER OPERATOR Draw North Arrow Emission Point CRUSHER FEED DROP TO BELT Sun Wind Plume and Stack Observers Position 140° Sun Location Line</p>			0				0		0			
			AVERAGE OPACITY FOR HIGHEST PERIOD				NUMBER OF READINGS ABOVE % WERE					
			RANGE OF OPACITY READINGS				MINIMUM MAXIMUM					
			OBSERVER'S NAME (PRINT)									
			NEIL A. LOFOREN									
			OBSERVER'S SIGNATURE				DATE					
			[Signature]				4/26/04					
			ORGANIZATION									
			Kogler Associates									
			I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE				CERTIFIED BY				DATE	
[Signature]				[Signature]				12/03				
TITLE			DATE			VERIFIED BY			DATE			

VISIBLE EMISSIONS EVALUATOR

This is to certify that

Neil Lofgren

met the specifications of Federal Reference Method 9 and qualified as a visible emissions evaluator.

Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, North Carolina. This certificate is valid for six months from date of issue.

371168

Certificate Number

Jacksonville, Florida

Location

December 3, 2003

Date of Issue

Thomas Hord

President

Michael W. Jansford

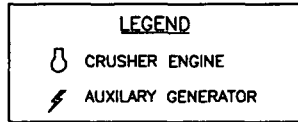
Director of Training

Plant Information

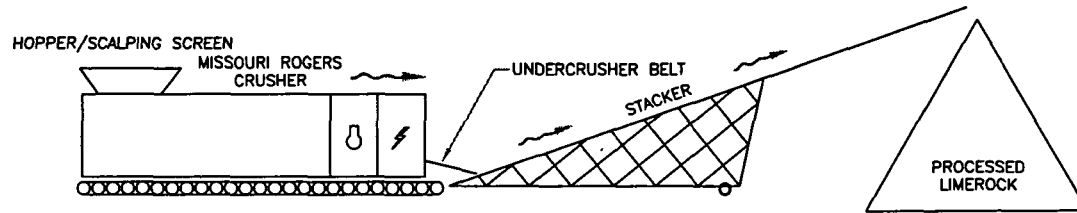
BEDROCK RESOURCES - SUMTER MINE
 SUMTERVILLE, FLORIDA

FIGURE 1.
 PROCESS SCHEMATIC
 DATE: APRIL 2004

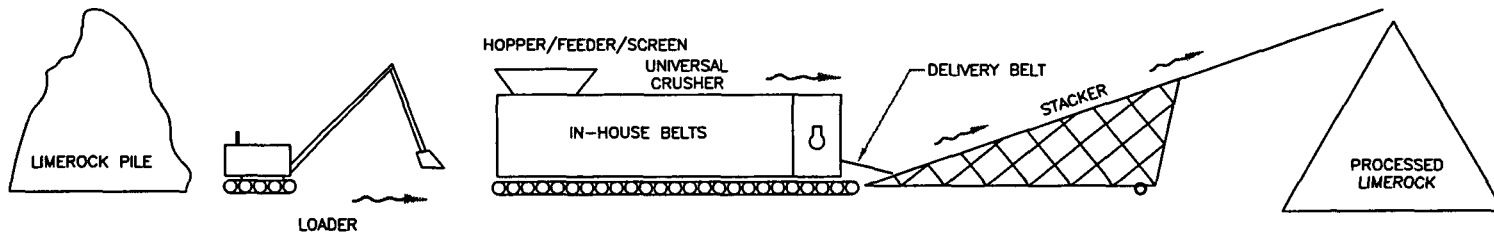
ENVIRONMENTAL SERVICES
 4014 NW THIRTIETH STREET
 GAINESVILLE, FLORIDA 32609
 352/377-4422 • FAX 352/377-1788



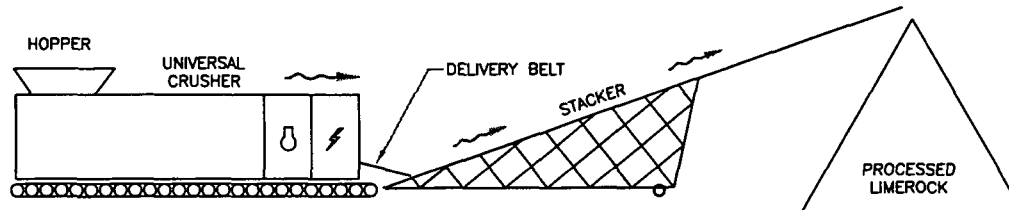
CR2: 1190019-005-AG



CR4: 1190034-001-AG



CR6: GP APPLICATION SUBMITTED



Project Participants

PROJECT PARTICIPANTS

Koogler & Associates

John B. Koogler, Ph.D., P.E. Project Advisor
Neil Lofgren Field Test Engineer

Bedrock Resources

Earl Henderson Production Supervisor

