

Ross Pollock

Florida Department of
Environmental Protection

Memorandum

BAR

TO: Howard L. Rhodes
THRU: Clair Fancy *[Signature]*
Jonathan Holtom *JH.*
FROM: Ross Pollock *RP*
DATE: December 30, 1999
SUBJECT: White Rock Quarries
Operation Permit for a Relocatable Concrete and Asphalt Crusher
Final Permit No. 7775081-003-AO

Attached is the air operation permit for a portable concrete and asphalt material crusher with a diesel powered generator to be used at industrial and construction sites in Florida.

The application for this minor source is being processed by BAR because it is a relocatable unit that operates in different Districts. This facility has previously applied for and received an Air Construction Permit. All requirements of permit 7775081-002-AC to obtain an operation permit have been met.

I recommend your approval and signature of the Final Permit.

Enclosures

/RJP

FINAL DETERMINATION

White rock Quarries Relocatable Concrete and Asphalt Material Crusher

Permit No. 7775081-003-AO

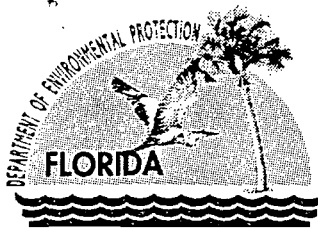
An Intent to Issue an air construction permit for a relocatable concrete and asphalt material crusher belonging to White Rock Quarries was distributed on April 27, 1999. The Public Notice of Intent to Issue Air Construction Permit was published in the following newspapers:

Newspaper	Date Published	Counties Covered by Notice
The Ft. Myers News Press	May 28, 1999	Lee, Collier, Charlotte, Glades and Hendry
The Tampa Tribune	May 28, 1999	Highlands, Manatee, Polk, Sarasota and Sumter
The St. Petersburg Times	May 26, 1999	Citrus, Hernando, Hillsborough, Pasco and Pinellas
The Orlando Sentinel	May 30, 1999	Orange, Osceola, Seminole, Volusia and Lake
The Orlando Sentinel	May 31, 1999	Brevard
The Miami Herald	June 9, 1999	Broward, Dade, St. Lucie, Palm Beach, Collier, Monroe and Martin
The Florida Times-Union	May 26, 1999	Duval, St. Johns, Nassau, Clay, Putnam, Bradford, Union, Columbia and Baker
The Ocala Star Banner	June 11, 1999	Marion, Citrus, Levy and Sumter

The facility will not be authorized to operate in counties other than those listed above until the proper public notice requirements are met for any additional counties and the permit is amended to authorize operation in those counties.

No comments were submitted by the general public in response to the public notice for this facility. In addition, no comments were submitted by the Department's district offices or any local agencies.

On December 3, 1999 an application for an air operation permit was submitted for the facility. All requirements of the final construction permit have been met. The Department's action will be to issue the air operation permit.



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

In the Matter of an
Application for Permit

Mr. Jim Hurley, Executive Vice President
White Rock Quarries
P.O. Box 15065
West Palm Beach, Florida 33416


DEP File No. 7775081-003-AO

NOTICE OF FINAL PERMIT

Enclosed is Final Permit Number 7775081-003-AO for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permits pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.


C.H. Fancy, P.E., Chief
Bureau of Air Regulation

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Jim Hurley, Executive Vice President
White Rock Quarries
P.O. Box 15065
West Palm Beach, Florida 33416

4a. Article Number
Z 094 212 724

4b. Service Type
 Registered
 Express Mail
 Return Receipt for Merchandise
 Certified
 Insured
 COD

7. Date of Delivery

5. Received By: (Print Name)
Robert Sm. TH

6. Signature: (Addressee or Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 102595-98-B-0229 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Z 094 212 724

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Mr. Jim Hurley	
Street & Number	
P.O. Box 15065	
Post Office, State, & ZIP Code	
West Palm Beach, Fl 33416	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	1/11/00
DEP File No. 7775081-003-A0	
White Rock Quarries	

PS Form 3800, April 1995

WHITE ROCK QUARRIES

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 1/11/00 to the person(s) listed:

- Mr. Jim Hurley, Executive Vice President, White rock Quarries*
- Mr. Bernard A. Ball, Jr., Environmental Specialist, Central Florida Testing Laboratories, Inc.
- Daniela Banu, Broward County Department of Natural Resource Protection
- H. Patrick Wong, Dade County Department of Environmental Resources Management
- Richard Robinson, Regulatory & Environmental Services Department
- James E. Stormer, Palm Beach County Health Department
- Jerry Campbell, Hillsborough County Environmental Protection Commission
- Peter Hessling, Pinellas County Department of Environmental Management
- Marie Driscoll, Orange County Environmental Protection Department
- Kent Kimes, Sarasota County Natural Resources Department

The following persons were sent copies by E-Mail:

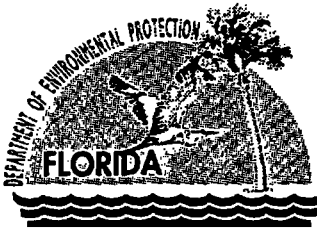
- Chris Kirts, DEP, Northeast District
- Gerald Kissell, DEP, Southwest District
- Phil Barbaccia, DEP, South District
- Len Kozlov, DEP, Central District
- Isidore Goldman, DEP, Southeast District

Department Clerk Stamp

1/11/00 cc: Reading File

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Barbara J. Bontuel 1/11/00
(Clerk) (Date)



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

PERMITTEE

White Rock Quarries
P.O. Box 15065
West Palm Beach, Florida 33416

FID No.: 7775081
Permit No.: 7775081-003-AO
SIC No.: 1429
Expires: January 5, 2005

AUTHORIZED REPRESENTATIVE

Mr. Jim Hurley, Executive Vice President

PROJECT

This permit allows the applicant to operate a diesel engine powered portable concrete and asphalt material crushing plant.

STATEMENT OF BASIS

This operation permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

APPENDICES

The attached appendices are a part of this permit:

Appendix GC – General Permit Conditions
Appendix PC – Permitted Counties

Howard L. Rhodes, Director
Division of Air Resources
Management

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

FACILITY DESCRIPTION

This facility consists of a 250 ton per hour (TPH) Bohringer Model RC10 portable impact crusher and associated equipment (feeder, screens, and conveyors) and a Caterpillar Model 400 KVA diesel powered engine, which drives a 320 kilowatt (KW) generator set. Fugitive particulate matter emissions throughout the crushing unit are controlled by a water suppression system.

REGULATORY CLASSIFICATION

The crusher portion of this facility is subject to regulation under 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The generator portion of the facility is regulated under Rule 62-210.300, F.A.C., Permits Required, however there are no unit specific regulatory requirements that apply.

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Application received (Bureau of Air Regulation) February 26, 1999
- Draft Permit issued April 27, 1999
- Public notice of intent published in The St. Petersburg Times and The Florida Times-Union May 26, 1999
- Public notice of intent published in The Ft. Myers News Press and The Tampa Tribune May 28, 1999
- Public notice of intent published in The Orlando Sentinel May 30, 1999
- Public notice of intent published in The Orlando Sentinel May 31, 1999
- Public notice of intent published in The Miami Herald June 9, 1999
- Public notice of intent published in The Ocala Star Banner June 11, 1999
- Application for Air Operation permit received December 3, 1999

PERMITTED COUNTIES

(Please see Appendix PC – Permitted Counties for a list of counties in which the facility is currently permitted to operate)

OPERATING LOCATION

The facility began initial operation at 12030 Alico Road, Fort Myers, Lee County. The UTM coordinates of this location are Zone 17; 425.7 km E; 2930.3 km N.

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

The following specific conditions apply to all emissions units at this facility.

ADMINISTRATIVE

1. **Regulating Agencies:** All documents relating to the initial application for a permit to operate and all initial compliance tests shall be submitted to the Department's Bureau of Air Regulation in Tallahassee. Subsequent applications for permit renewals, reports, tests, minor modifications, and notifications shall be submitted to the district office or local program that has permitting/compliance jurisdiction over the current or proposed operating location.
2. **General Conditions:** In addition to the specific conditions of this permit, the owner and operator are subject to and shall operate under the General Permit Conditions G.1 through G.15, contained in the attached Appendix GC – General Permit Conditions of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes.
[Rule 62-4.160, F.A.C.]
3. **Terminology:** The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. **Forms and Application Procedures:** The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C., and follow the application procedures in Chapter 62-4, F.A.C.
[Rule 62-210.900, F.A.C.]
5. **Permit Renewal:** Prior to sixty days before the expiration date of the operation permit, the permittee shall apply for a renewal of a permit. A renewal application shall be timely and sufficient. If the application is submitted prior to the days specified above before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department.
[Rules 62-4.090, F.A.C.]
6. **Relocation Notification:** At least 7 days prior to relocating the plant to an approved county where public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's district office and/or, if applicable, appropriate local program. The notification shall be submitted using DEP Form 62-210.900(3), F.A.C., along with the appropriate processing fee. All potential operation sites shall be shown on a USGS topographic map. A county license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the district office or local program. If the public notice for a proposed county is more than 5 years old, or if the proposed county was never covered by a public notice, this form shall be submitted at least 30 days in advance of the move and a public notice shall be published prior to operating in the proposed county. Each time that the permittee submits a Notice to Relocate, the operation permit shall be revised to reflect the new location.
[Rule 62-210.370(1), F.A.C.]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

7. **Operation Permit Required:** This permit authorizes construction and/or installation of the permitted emissions unit and initial operation for testing purposes in order to determine compliance with Department rules. An operation permit is required for continued commercial operation of the permitted emissions unit. The owner or operator shall apply for and receive an operation permit prior to expiration of this permit. To apply for an operation permit, the applicant shall submit the appropriate application fee and, in quadruplicate, the appropriate application form, a certification that construction was completed with a notation of any deviations from the conditions in the construction permit, compliance test results, and such additional information as the Department may by law require.
[F.A.C. Rules 62-4.030, 62-4.050, 62-4.220 and 62-210.300(2)]
8. **Applicable Regulations:** Unless otherwise indicated in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4, 62-110, 62-204, 62-296, 62-297 and the Code of Federal Regulations Title 40, Part 60, adopted by reference in the Florida Administrative Code (F.A.C.) regulations. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations.
[Rules 62-204.800 and 62-210.300, F.A.C.]

EMISSION LIMITING STANDARDS

9. **General Visible Emissions Standard:** Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions elsewhere in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). If a special compliance test is required (see specific condition 21), the test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rule 62-296.320(4)(b)1, F.A.C.]
10. **Unconfined Emissions of Particulate Matter:**
- (a) No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions.
 - (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
 - (c) Reasonable precautions committed to by the permittee:
 - Emissions that might be generated from various emission points throughout the crushing unit shall be controlled by a water suppression system with spray bars located at the various emissions points located throughout the plant.
 - All stockpiles and roadways where this crushing unit is located shall be watered on a regular basis by water trucks equipped with spray bars, to control any fugitive emissions that may be generated by vehicular traffic or prevailing winds.

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

- (d) In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

[Rule 62-296.320(4)(c), F.A.C. and Permit Application received 11/2/98.]

11. General Pollutant Emission Limiting Standards:

- (a) No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

[Note: An objectionable odor is defined in Rule 62-210.200(198), F.A.C., as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.]

[Rule 62-296.320(1)(a)&(2), F.A.C.]

OPERATIONAL REQUIREMENTS

12. Modifications: No emissions unit or facility subject to this rule shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification.
[Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
13. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's district office and, if applicable, appropriate local program. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules.
[Rule 62-4.130, F.A.C.]
14. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650, F.A.C.]
15. Excess Emissions: The following excess emissions provisions can not be used to vary any NSPS requirements (from any subpart of 40 CFR 60).
- (a) Excess emissions resulting from start-up, shutdown or malfunction of any emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

- (b) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

16. Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity (i.e., at less than 90 percent of the maximum operation rate allowed by the permit); in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted provided however, operations do not exceed 100 percent of the maximum operation rate allowed by the permit. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rule 62-297.310(2), F.A.C.]

17. Test Procedures shall meet all applicable requirements of Rule 62-297.310(4), F.A.C.

[Rule 62-297.310(4), F.A.C.]

18. Determination of Process Variables:

- (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

19. Test Notification: The owner or operator shall notify the Department's district office and, if applicable, appropriate local program, at least 15 days prior to the date on which each formal compliance test is to begin. Notification shall include the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

[Rule 62-297.310(7)(a)9., F.A.C., 40 CFR 60.8]

[Note: The federal requirements of 40 CFR 60.8 require 30 days notice of the initial test and any tests required under section 114 of the Clean Air Act, but the Department rules require 15 days notice for the annual compliance tests. Unless otherwise advised by the Department, provide 15 days notice prior to conducting annual tests, except for the initial test when 30 days notice is required.]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

20. Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Department.
[Rule 62-297.310(7)(b), F.A.C.]

REPORTING AND RECORD KEEPING REQUIREMENTS

21. Duration of Record Keeping: Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These records shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
[Rule 62-4.160(14)(a)&(b), F.A.C.]
22. Test Reports: The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test. The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed. The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the applicable information listed in Rule 62-297.310(8)(c), F.A.C.
[Rule 62-297.310(8), F.A.C.]
23. Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the Standards of Performance for New Stationary Sources, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A.
[Rule 62-4.130, F.A.C.]
24. Excess Emissions Report - Malfunctions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department or the appropriate local program in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

25. Annual Operating Report for Air Pollutant Emitting Facility: The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form 62-210.900(5)) shall be completed each year for facilities with the potential to emit ten (10) tons per year or more of volatile organic compounds or twenty-five (25) pounds per year or more of nitrogen oxides and located in an ozone nonattainment area or ozone air quality maintenance area. Therefore, the form Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed for each year that the facility exceeds 2,700 hours of operation in any one of the following counties: Broward, Dade, Duval, Hillsborough, Orange, Palm Beach, or Pinellas. The form shall be submitted to the Department's district office or local program which has permitting/compliance jurisdiction over the facility, by March 1 of the following year.

[Rule 62-210.370(3)(a),F.A.C.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	This unit consists of a 250 ton per hour (TPH) Bohringer Model RC10 portable impact crusher, and associated equipment (feeder, screens, and conveyors)
002	This unit consists of a Caterpillar Model 400 KVA diesel powered engine. (Which drives a 320 KW generator set.)

NOTE: Emissions unit 001 is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR 60.670 - 60.676) and 40 CFR 60 Subpart A, revised as of July 1, 1997.

OPERATIONAL REQUIREMENTS

- Hours of Operation: These emissions units are allowed to operate up to 3,120 hours during any calendar year.
[Rule 62-210.200, F.A.C., Definitions-potential to emit (PTE); and, applicant request]
- Permitted Capacity: The crusher may process up to 250 TPH and 780,000 TPY of material (total).
[Rule 62-210.200, F.A.C., Definitions-potential to emit (PTE); and, applicant request]
- Operation and Maintenance (O&M): The permittee shall keep an O&M plan for the air pollution control equipment with the facility. The O&M log shall include the list of the parameters being monitored, the frequency of the check/maintenance, observations, and comments.
[Rule 62-4.070(3), F.A.C.]

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

- Visible Emissions: The emission points described in unit 001 are subject to the visible emission limits of 40 CFR 60 Subpart OOO, as outlined below in Table 1.

Table 1: Process Emission Source Visible Emission Limits

Emission Source	VE Limit (% Opacity)
Receiving Hopper/Grizzly Feeder	10
Crusher	15*
Portable Belt Conveyor(s)	10**
Screen(s)	15
Truck Loading/Unloading	<20

* This limit applies since no capture system is used.

** This limit applies to transfer points onto conveyor belts only.

[40 CFR 60.672; and, Rule 62-296.711, F.A.C.]

Note: When operating in Hillsborough County, the permittee shall not cause, permit, or allow any visible emissions (five percent opacity). This includes, but is not limited to, the receiving hopper, crushers, belt conveyors, screens, and truck loading/unloading.

[40 CFR 60.672; and, 1-3.61, Rules of the Environmental Protection Commission of Hillsborough County.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

5. **No Visible Emissions - Saturated Materials:** No owner or operator shall cause to be discharged into the atmosphere any visible emissions from:
- (a) 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.
 - (b) 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.
- [40 CFR 60.672 (h)(1)&(2)]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

6. **Test Frequency:** The owner or operator of the facility shall conduct visible emissions tests annually, in accordance with the conditions listed below.
[Rule 62-297.310(7)(a)4.a., F.A.C.]
7. **Visible Emissions Test Duration - Truck Loading/Unloading:** For the truck loading/unloading operation, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297.401, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 12 minutes in duration (or 3 batches) during truck loading. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.
[Rule 62-210.200, F.A.C.]
8. **Visible Emissions Test Method:** In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and (c) (see specific condition 4), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
- (a) The minimum distance between the observer and the emissions source shall be 4.57 meters (15 feet).
 - (b) The observer shall, when possible, select a position that minimizes interference from other fugitive emissions units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
 - (c) For affected emissions units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.
- [40 CFR 60.675(c)(1)(i), (ii) & (iii)]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

9. When determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR 60.672(b) (see specific condition 4), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
- (a) There are no individual readings greater than 10 percent opacity; and
 - (b) There are no more than 3 readings of 10 percent for the 1-hour period.
- [40 CFR 60.675(c)(3)(i) & (ii)]
10. When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under 40 CFR 60.672(c), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
- (a) There are no individual readings greater than 15 percent opacity; and
 - (b) There are no more than 3 readings of 15 percent for the 1-hour period.
- [40 CFR 60.675(c)(4)(i) & (ii)]
11. Visible Emissions Test - Emissions Interference: For the method and procedure of 40 CFR 60.675(c) [specific condition 8 of Section III of this permit, above], if emissions from two or more emissions units continuously interfere so that the opacity of fugitive emissions from an individual affected emissions unit cannot be read, either of the following procedures may be used:
- (a) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emissions units contributing to the emissions stream.
 - (b) Separate the emissions so that the opacity of emissions from each affected emissions unit can be read.
- [40 CFR 60.675(e)(1)(i)&(ii)]
12. No Tests Required - Saturated Materials: Method 9 performance tests under 40 CFR 60.11 and 40 CFR 60.675 are not required for:
- (a) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin.
 - (b) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, that process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.
- [40 CFR 60.675(h)(1)&(2)]

REPORTING AND RECORD KEEPING REQUIREMENTS

13. Log: The permittee shall maintain a log showing the annual hours of operation per year and fuel consumption. Operators shall keep a log to include, at a minimum, the following information:
- (a) The daily location and production rate.
 - (b) The daily hours of operation of the crusher system.
 - (c) Maintenance and repair logs for any work performed on the permitted emissions units.
 - (d) Daily logs regarding the use of wetting agents to control fugitive dust.

This data shall be made available to the Department or county upon request.

[Rule 62-4.070(3), F.A.C.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

14. **Test Reports:** The owner or operator shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c).
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
 - (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA Method 9 test, shall provide the following information:
 - 1. The type, location, and designation of the emissions unit tested.
 - 2. The facility at which the emissions unit is located.
 - 3. The owner or operator of the emissions unit.
 - 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 - 5. The method, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 - 6. The type of air pollution control devices installed on the emissions unit, its general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- [40 CFR 60.676(f), Rule 62-297.310(8)(b)&(c)1. - 6., F.A.C.]
15. **Change From Saturated to Unsaturated Material:** The owner or operator of any screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to 40 CFR 60.672(h) and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in 40 CFR 60.672(b) and the emission test requirements of 40 CFR 60.11 and 40 CFR 60.676. Likewise a screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in 40 CFR 60.672(h).
[40 CFR 60.676(g)]
16. **Records Retention:** This facility shall maintain a central file containing all measurements, records, and other data that are required to be collected pursuant to the various specific conditions of this permit. (See also, specific condition 21, Section II of this permit.)
[Rule 62-4.160(14)(a)&(b), F.A.C.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

NSPS GENERAL PROVISIONS

[Note: The numbering of the original rules in the following conditions has been preserved for ease of reference. In cases where the state requirements are more restrictive than the NSPS general requirements, the state requirements shall prevail.]

17. Pursuant to 40 CFR 60.7 Notification And Record Keeping:

- (a) Any owner or operator subject to the provisions of 40 CFR 60 shall furnish the Administrator written notification as follows:
- (4) A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.
- (b) The owner or operator subject to the provisions of 40 CFR 60 shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
- (f) The owner or operator subject to the provisions of 40 CFR 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least three years following the date of such measurements, maintenance, reports, and records.

[40 CFR 60.7]

18. Pursuant to 40 CFR 60.8 Performance Tests:

- (a) Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility and at such other times as may be required by the Administrator under section 114 of the Act, the owner or operator of such facility shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s).
- (b) Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart 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 alternative 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. Nothing in this paragraph shall be construed to abrogate the Administrator's authority to require testing under section 114 of the Act.

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- (c) Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.
- (d) The owner or operator of an affected facility shall provide the Administrator at least 30 days prior notice of any performance test, except as specified under other subparts, to afford the Administrator the opportunity to have an observer present.

[40 CFR 60.8]

19. Pursuant to 40 CFR 60.11 Compliance With Standards And Maintenance Requirements:

- (a) Compliance with standards in 40 CFR 60, other than opacity standards, shall be determined only by performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard.
- (b) Compliance with opacity standards in 40 CFR 60.11 shall be determined by conducting observations in accordance with Reference Method 9 in appendix A of 40 CFR 60.11, any alternative method that is approved by the Administrator, or as provided in 40 CFR 60.11(e)(5). [Under certain conditions (40 CFR 60.675(c)(3)&(4)), Method 9 observation time may be reduced from 3 hours to 1 hour. Some affected facilities are exempted from Method 9 tests (40 CFR 60.675 (h)). See specific conditions 9 and 10, Section III, above for test duration requirements.]
- (c) The opacity standards set forth in 40 CFR 60.11 shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.
- (d) At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
- (g) For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

[40 CFR 60.11]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

20. Pursuant to 40 CFR 60.12 Circumvention:

No owner or operator subject to the provisions of 40 CFR 60.12 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

[40 CFR 60.12]

21. Pursuant to 40 CFR 60.19 General notification and reporting requirements:

- (a) For the purposes of this part, time periods specified in days shall be measured in calendar days, even if the word "calendar" is absent, unless otherwise specified in an applicable requirement.
- (b) For the purposes of this part, if an explicit postmark deadline is not specified in an applicable requirement for the submittal of a notification, application, report, or other written communication to the Administrator, the owner or operator shall postmark the submittal on or before the number of days specified in the applicable requirement. For example, if a notification must be submitted 15 days before a particular event is scheduled to take place, the notification shall be postmarked on or before 15 days preceding the event; likewise, if a notification must be submitted 15 days after a particular event takes place, the notification shall be delivered or postmarked on or before 15 days following the end of the event. The use of reliable non-Government mail carriers that provide indications of verifiable delivery of information required to be submitted to the Administrator, similar to the postmark provided by the U.S. Postal Service, or alternative means of delivery agreed to by the permitting authority, is acceptable.
- (c) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. Procedures governing the implementation of this provision are specified in paragraph (f) of this section.
- (d) If an owner or operator of an affected facility in a State with delegated authority is required to submit periodic reports under this part to the State, and if the State has an established timeline for the submission of periodic reports that is consistent with the reporting frequency(ies) specified for such facility under this part, the owner or operator may change the dates by which periodic reports under this part shall be submitted (without changing the frequency of reporting) to be consistent with the State's schedule by mutual agreement between the owner or operator and the State. The allowance in the previous sentence applies in each State beginning 1 year after the affected facility is required to be in compliance with the applicable subpart in this part. Procedures governing the implementation of this provision are specified in paragraph (f) of this section.
- (f)(1)(i) Until an adjustment of a time period or postmark deadline has been approved by the Administrator under paragraphs (f)(2) and (f)(3) of this section, the owner or operator of an affected facility remains strictly subject to the requirements of this part.
- (ii) An owner or operator shall request the adjustment provided for in paragraphs (f)(2) and (f)(3) of this section each time he or she wishes to change an applicable time period or postmark deadline specified in this part.

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- (2) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. An owner or operator who wishes to request a change in a time period or postmark deadline for a particular requirement shall request the adjustment in writing as soon as practicable before the subject activity is required to take place. The owner or operator shall include in the request whatever information he or she considers useful to convince the Administrator that an adjustment is warranted.
- (3) If, in the Administrator's judgment, an owner or operator's request for an adjustment to a particular time period or postmark deadline is warranted, the Administrator will approve the adjustment. The Administrator will notify the owner or operator in writing of approval or disapproval of the request for an adjustment within 15 calendar days of receiving sufficient information to evaluate the request.
- (4) If the Administrator is unable to meet a specified deadline, he or she will notify the owner or operator of any significant delay and inform the owner or operator of the amended schedule.

[40 CFR 60.19]

APPENDIX GC – GENERAL PERMIT CONDITIONS
[F.A.C. 62-4.160]

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and

APPENDIX GC – GENERAL PERMIT CONDITIONS

[F.A.C. 62-4.160]

- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ()
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards (X).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

APPENDIX GC – GENERAL PERMIT CONDITIONS

[F.A.C. 62-4.160]

(c) Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements;
2. The person responsible for performing the sampling or measurements;
3. The dates analyses were performed;
4. The person responsible for performing the analyses;
5. The analytical techniques or methods used; and
6. The results of such analyses.

G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

APPENDIX PC – PERMITTED COUNTIES

The applicant has published the proper public notices and is authorized to operate in the following counties:

Permitted Counties:	Public Notice Valid Until:	Permitted Counties:	Public Notice Valid Until:	Permitted Counties:	Public Notice Valid Until:
Alachua		Hamilton		Okeechobee	
Baker	May 26, 2004	Hardee		Orange	May 30, 2004
Bay		Hendry	May 28, 2004	Osceola	May 30, 2004
Bradford	May 26, 2004	Hernando	May 26, 2004	Palm Beach	June 9, 2004
Brevard	May 31, 2004	Highlands	May 28, 2004	Pasco	May 26, 2004
Broward	June 9, 2004	Hillsborough	May 26, 2004	Pinellas	May 26, 2004
Calhoun		Holmes		Polk	May 28, 2004
Charlotte	May 28, 2004	Indian River		Putnam	May 26, 2004
Citrus	June 11, 2004	Jackson		St. Johns	May 26, 2004
Clay	May 26, 2004	Jefferson		St. Lucie	June 9, 2004
Collier	June 9, 2004	Lafayette		Santa Rosa	
Columbia	May 26, 2004	Lake	May 30, 2004	Sarasota	May 28, 2004
Dade	June 9, 2004	Lee	May 28, 2004	Seminole	May 30, 2004
DeSoto		Leon		Sumter	June 11, 2004
Dixie		Levy	June 11, 2004	Suwannee	
Duval	May 26, 2004	Liberty		Taylor	
Escambia		Madison		Union	May 26, 2004
Flagler		Manatee	May 28, 2004	Volusia	May 30, 2004
Franklin		Marion	June 11, 2004	Wakulla	
Gasden		Martin	June 9, 2004	Walton	
Gilchrist		Monroe	June 9, 2004	Washington	
Glades	May 28, 2004	Nassau	May 26, 2004		
Gulf		Okaloosa			

DATE	INVOICE NO.	DESCRIPTION	INVOICE AMOUNT	DISCOUNT TAKEN	TOTAL
111299	11/12/99	FDEP Operation Permit	1,000.00		1,000.00
			----- 1,000.00	-----	----- 1,000.00

PLEASE PRESENT FOR PAYMENT PROMPTLY DETACH BEFORE DEPOSITING

THIS IS WATERMARKED PAPER - DO NOT ACCEPT WITHOUT NOTING WATERMARK - HOLD TO LIGHT TO VERIFY WATERMARK



White Rock Quarries

WHITE ROCK QUARRIES
P.O. BOX 15065
WEST PALM BEACH, FL 33416-5065

009563

BANK ONE
BECKLEY, WV 25801
69-323/515

DATE	CHECK NUMBER	CHECK AMOUNT
12/02/99	5486	\$*****1,000.00

VOID AFTER 60 DAYS

PAY ONE THOUSAND AND 00/100 *****

TO THE ORDER OF:

18122
Florida Dept. of Environmental Protection
2600 Blair Stone Rd.
Tallahassee FL 32399-2405

[Signature]
AUTHORIZED SIGNATURE

BEST AVAILABLE COPY



Department of Environmental Protection

Division of Air Resources Management

NOTIFICATION OF INTENT TO RELOCATE AIR POLLUTANT EMITTING FACILITY

See Instructions for Form No. 62-210.900(6)
Submit to DEP district office for the area in which the facility is to be relocated.

(DEP Note: Update existing facility location data in ARMS. Do not create new facility record.)

Current Facility Information

1. Facility ID: 7775081	2. Permit Number: 7775081-001-AC
3. Facility Owner or Operator: Mr. Jim Hurley, Executive Vice President - White Rock Quarries	
4. Facility Name: White Rock Quarries - Reclaimed Asphalt & Concrete Crushing and Processing Facility	
5. Facility Street Address or Location Description: 1200 Elhoc Way	
6. City: Winter Garden	7. County: Orange
8. Shutdown Date at This Location: December 10, 1999	

Proposed New Facility Location

1. Facility Street Address or Location Description: 4510 Glades Cut Off Road			
2. City: Ft. Pierce	3. County: St. Lucie	4. Zip Code: 34981	
5. Facility Coordinates: UTM Zone 17		UTM East or Latitude 27°23.67' N	UTM North or Longitude 80°22.30' W
6. Startup Date at New Location: December 21st, 1999			
7. Facility Comment:			

BEST AVAILABLE COPY

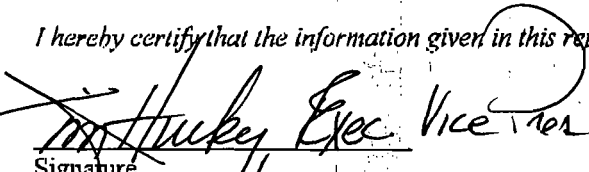
Owner/Authorized Representative or Responsible Official

Name and Title of Owner/Authorized Representative or Responsible Official: Mr. Jerry Kinkead, Manager of Recycle Division		
Organization/Firm: White Rock Quarries		
Street Address or P. O. Box: Post Office Box 15065		
City: West Palm Beach	State: Florida	Zip: 33416
Telephone: (561) 793-2102	Fax: (561) 798-3778	

Facility Contact

Name and Title of Facility Contact: SAME AS ABOVE		
Organization/Firm: SAME AS ABOVE		
Street Address or P. O. Box: SAME AS ABOVE		
City:	State:	Zip:
Telephone:	Fax:	

Certification

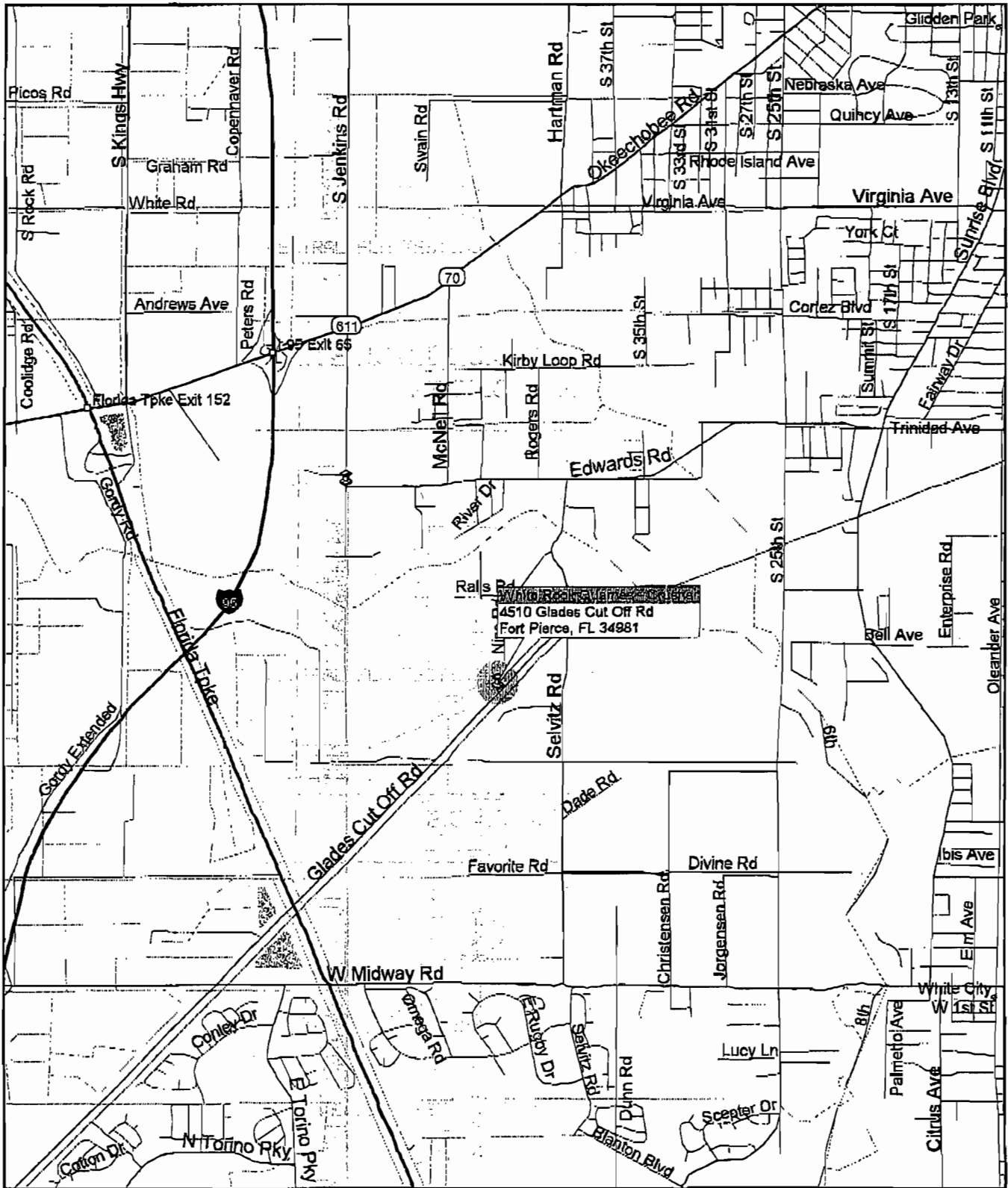
Statement by Owner/Authorized Representative or Responsible Official:	
<i>I hereby certify that the information given in this report is correct to the best of my knowledge.</i>	
 Signature	<u>12/15/99</u> Date

Supplemental Requirements

1. Provide a scale map (e.g., the relevant portion of a USGS topographic map) showing the proposed new location of the facility and points of air pollutant emissions in relation to residences, roads, and other features of the surrounding area.
2. If relocating to a different DEP district, provide a copy of the most recent compliance test report.

BEST AVAILABLE COPY

WHITE ROCK QUARRIES - CRUSHER
NEXT LOCATION



Microsoft
Streets98

RECEIVED

DEC 03 1999

BUREAU OF AIR REGULATION

**WHITE ROCK
QUARRIES**

**Portable Reclaimed Asphalt &
Concrete Crushing Unit**

FDEP Operation Permit Application
FDEP Construction Permit No. 7775081-001-AC
003 A0

NOVEMBER - 1999



Department of Environmental Protection

RECEIVED

Division of Air Resources Management **DEC 03 1999**

APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE

BUREAU OF AIR REGULATION

See Instructions for Form No. 62-210.900(3)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Mr. Jim Hurley, Executive Vice President White Rock Quarries	
2. Site Name: WHITE ROCK QUARRIES – PORTABLE CRUSHING PLANT	
3. Facility Identification Number: 7775081 [] Unknown	
4. Facility Location: (Relocatable Plant – Current Location) Street Address or Other Locator: 12030 Alico Road City: Ft. Myers County: Lee Zip Code: 33913	
5. Relocatable Facility? <input checked="" type="checkbox"/> Yes [] No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes [] No

Application Contact

1. Name and Title of Application Contact: Mr. Bernard A. Ball, Jr., Environmental Engineer	
2. Application Contact Mailing Address: Organization/Firm: Central Florida Testing Laboratories, Inc. Street Address: 12625 – 40th Street North City: Clearwater State: Florida Zip Code: 33762	
3. Application Contact Telephone Numbers: Telephone: (727) 572-9797 Fax: (727) 299-0023	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Initial non-Title V air operation permit for one or more existing, but previously unpermitted, emissions units.
- Initial non-Title V air operation permit for one or more newly constructed or modified emissions units.

Current construction permit number: 7775081-001-AC.

- Non-Title V air operation permit revision to address one or more newly constructed or modified emissions units.

Current construction permit number: _____

Operation permit number to be revised: _____

- Initial non-Title V air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s):

- Non-Title V air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit number to be revised: _____

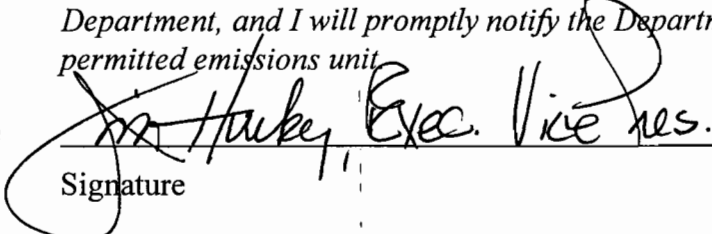
Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Air construction permit to construct or modify one or more emissions units.
- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative: Mr. Jim Hurley, Executive Vice President
2. Owner/Authorized Representative Mailing Address: Organization/Firm: White Rock Quarries Street Address: Post Office Box 15065 City: West Palm Beach State: Florida Zip Code: 33416
3. Owner/Authorized Representative Telephone Numbers: Telephone: (561) 793-2102 Fax: (561) 798-3778
4. Owner/Authorized Representative Statement: <i>I, the undersigned, am the owner or authorized representative* of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards 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 understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  Signature _____ Date <u>11/18/99</u>

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: Mr. George C. Sinn, Jr., P.E. Registration Number: 16911
2. Professional Engineer Mailing Address: Organization/Firm: Central Florida Testing Laboratories, Inc. Street Address: 12625 - 40th Street North City: Clearwater State: Florida Zip Code: 33762
3. Professional Engineer Telephone Numbers: Telephone: (727) 572-9797 Fax: (727) 299-0023

4. Professional Engineer Statement:

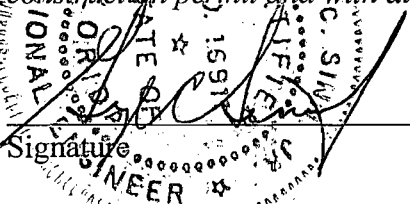
I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

A circular professional engineer seal for the State of Florida. The seal contains the text "STATE OF FLORIDA" at the top, "PROFESSIONAL ENGINEER" at the bottom, and "1591" in the center. A signature is written across the seal.

(seal)

11-15-89

Date

- Attach any exception to certification statement.
- ***With the exception of production and efficiency guarantees by the manufacturer.***

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	Bohringer, Model RC10 – raw material receiving hopper / vibrating grizzly feeder system used to feed uncrushed material to crusher.	AO2B	
002	Bohringer, Model RC10 – Under Crusher Discharge Pan / Discharge Belt – where material exits crushing unit to conveyor system	AO2B	
003	Drop Point from Crusher Discharge Belt to Pre-Screener Conveyor Belt	AO2B	
004	Drop point from Pre-Screener Screener Belt to Vibrating Screener Deck	AO2B	
005	Drop point from Vibrating Screener to Screened Material Discharge Belt	AO2B	
006	Drop point Screened Material Discharge Belt to Radial Stacker Belt No.1	AO2B	
007	Drop Radial Stacker Belt No.1 to Radial Stacker Belt No.2	AO2B	
008	Drop from Radial Stacker Belt No.1 or No.2 to stockpile	AO2B	
009	Caterpillar Inc. – 400 KVA, 320 kW generator set, fired on No.2 virgin diesel fuel with a sulfur limit of 0.5% by weight.	AO2B	

Application Processing Fee

Check one: Attached - Amount: \$ **1000.00** Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:

This project consists of a "statewide" operation permit application for a Portable Bohringer Manufacturing Company, Inc. – Model RC10, Enclosed Crusher – Crushing, Screening and Aggregate Processing Plant recently purchased and refurbished by White Rock Quarries. This is a portable crushing unit and will be moved from site to site statewide, as needed, within the counties applied for and advertised in, to crush and process reclaimed asphalt and concrete materials. There will be no base or main location for this crushing unit as it will move from site to site in the counties applied for in the construction permit application. Any emissions that might be generated at various potential emission points throughout the crushing and conveying system will be controlled by self-fabricated water spray bar and spray head systems located at potential fugitive emission points where deemed necessary throughout the reclaimed crushing and processing system.

This facility was built as stated in the FDEP Construction Permit submitted with no alterations made during the construction phase.

All stockpiles and roadways throughout different sites are the responsibility of the site that this company will be crushing for.

This facility is a natural non-Title V facility and as in the past will comply with all applicable FDEP air pollution rules and regulations.

2. Projected or Actual Date of Commencement of Construction: Unknown

3. Projected Date of Completion of Construction: 10-26-99 (first day of operation)

Application Comment

This project consists of a “statewide” operation permit application for a Portable Bohringer Manufacturing Company, Inc. – Model RC10, Enclosed Crusher – Crushing, Screening and Aggregate Processing Plant recently purchased and refurbished by White Rock Quarries. This is a portable crushing unit and will be moved from site to site statewide, as needed, within the counties mentioned and applied for in the FDEP Construction Permit Application, to crush and process reclaimed asphalt and concrete materials. There will be no base or main location of this crushing unit as it will travel site to site at the locations in the counties listed in the construction permit application. Any emissions that might be generated at various potential emission points throughout the crushing and conveying system will be controlled by self-fabricated water spray bar and spray head systems located at potential fugitive emission points where deemed necessary throughout the reclaimed crushing and processing system.

This facility was built as stated in the FDEP Construction Permit submitted with no alterations made during the construction phase.

All stockpiles and roadways throughout different sites are the responsibility of the site that this company will be crushing for.

This facility is a natural non-Title V facility and will comply with all applicable FDEP air pollution rules and regulations.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: (Present Location other coordinates not known yet) Zone: 17 East (km): 425.7 E North (km): 2930.3 N			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 26°29'34" N Longitude (DD/MM/SS): 81°44'43" W			
3. Governmental Facility Code: O	4. Facility Status Code: ACTIVE	5. Facility Major Group SIC Code: 14	6. Facility SIC(s): 1422
<p>This project consists of a "statewide" operation permit application for a Portable Bohringer Manufacturing Company, Inc. – Model RC10, Enclosed Crusher – Crushing, Screening and Aggregate Processing Plant recently purchased and refurbished by White Rock Quarries. This is a portable crushing unit and will be moved from site to site statewide, as needed, within the counties mentioned and applied for in the FDEP Construction Permit Application, to crush and process reclaimed asphalt and concrete materials. There will be no base or main location of this crushing unit as it will travel site to site at the locations in the counties listed in the construction permit application. Any emissions that might be generated at various potential emission points throughout the crushing and conveying system will be controlled by self-fabricated water spray bar and spray head systems located at potential fugitive emission points where deemed necessary throughout the reclaimed crushing and processing system.</p> <p>This facility was built as stated in the FDEP Construction Permit submitted with no alterations made during the construction phase.</p> <p>All stockpiles and roadways throughout different sites are the responsibility of the site that this company will be crushing for.</p> <p>This facility is a natural non-Title V facility and will comply with all applicable FDEP air pollution rules and regulations.</p>			

Facility Contact:

1. Name and Title of Facility Contact: Mr. Jerry Kinkead, Plant Operations Supervisor
2. Facility Contact Mailing Address: Organization/Firm: White Rock Quarries Street Address: P.O. Box 15065 City: West Palm Beach State: Florida Zip Code: 33416
3. Facility Contact Telephone Numbers: Telephone: (561) 793-2102 Fax: (561) 798-3778

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input checked="" type="checkbox"/> Unknown
2. <input checked="" type="checkbox"/> Synthetic Non-Title V Source? (Emissions less than 100 ton/yr)	
3. <input checked="" type="checkbox"/> Synthetic Minor Source of Pollutants Other than Haps?	
4. <input checked="" type="checkbox"/> Synthetic Minor Source of HAPs? (Total HAP's less than 25 ton/yr)	
5. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS?	
6. <input type="checkbox"/> One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?	
7. Facility Regulatory Classifications Comment (limit to 200 characters): This facility does not meet the criteria of Title V "conditional exemption" in 62-210.300 (3) but is considered a "synthetic minor source" and is exempt from Title V permitting in accordance with EPA's definition. Emissions from facility less than 100 ton/year, regulated total HAPs emissions (in fuel oil) less than 25 ton/year.	

Rule Applicability Analysis

This facility is subject to 40 CFR 60, subpart 000.

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
PM10	B	NA	NA	RULE	FACILITY SUBJECT TO VISIBLE EMISSION LIMITATIONS ONLY AS STATED IN FDEP CONSTRUCTION PERMIT
SO2	B	NA	NA	RULE	
NOx	B	NA	NA	RULE	
CO	B	NA	NA	RULE	
TOC	B	NA	NA	RULE	

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: <u>I</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested * Present Location, other locations not determined as of yet
2. Facility Plot Plan: (TYPICAL PLOT PLAN SUBMITTED) <input checked="" type="checkbox"/> Attached, Document ID: <u>II</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested * Present Location, other locations may vary with space available.
3. Process Flow Diagram(s): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
5. Supplemental Information for Construction Permit Application: <input checked="" type="checkbox"/> Attached, Document ID <u>III</u> <input type="checkbox"/> Not Applicable
6. Supplemental Requirements Comment:

EMISSIONS ID. NO. 001

RECEIVING HOPPER / VIBRATING FEEDER

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. - raw material receiving hopper / vibrating grizzly feeder system used to feed uncrushed material to crushing unit.		
2. Emissions Unit Identification Number: [] No Corresponding ID [] Unknown		
3. Emissions Unit Status Code: Operation	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters): 		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters): The fugitive emissions generated by dumping of uncrushed material into raw material receiving hopper and vibration of material by grizzly feeder into crusher are controlled by wetting of material in stockpiles as needed to dampen the material to control any emissions generated in the grizzly feeder and crushing unit.
2. Control Device or Method Code: <p align="center">061, 099</p>

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date: 10/26/99 @ Alico Road Facility		
2. Long-term Reserve Shutdown Date: NOT APPLICABLE		
3. Package Unit: Raw Material Receiving Hopper / Vibrating Grizzly Feeder System Manufacturer: Bohringer Machinery Company, Inc. Model No: RC10		
4. Generator Nameplate Rating:	MW	
5. Incinerator Information:		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE	mmBtu/hr
2. Maximum Incineration Rate: NA	lb/hr tons/day
3. Maximum Process or Throughput Rate: 250 ton/hr as raw (uncrushed) reclaimed asphalt or concrete	
4. Maximum Production Rate: 250 ton/hr as reclaimed crushed concrete or asphalt material.	
5. Operating Capacity Comment (limit to 200 characters): Dampened, uncrushed reclaimed concrete or asphalt material is fed into the material receiving hopper and grizzly feeder of the plant where any fugitive emissions generated are controlled by water spray heads mounted in the receiving hopper which sprays the material before it enters the grizzly feeder and crusher.	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	24 hours/day	6 days/week
	52 weeks/year	not to exceed: 3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Raw Material Receiving Hopper / Vibrating Grizzly Feeder	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4	
2. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p>Visible Emissions testing will be read in the vicinity of the receiving hopper / grizzly feeder area, probably above the receiving hopper.</p>	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: <p>NOT APPLICABLE</p>	
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height: NOT APPLICABLE	feet
7. Exit Diameter:	feet
8. Exit Temperature:	°F
9. Actual Volumetric Flow Rate:	acfm

Emissions Unit Information Section 1 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 15.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i> Zone: 17 East (km): 425.7 North (km): 2930.3	
14. Emission Point Comment (limit to 200 characters): Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment _____ of _____

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Eagle Crusher Company, Inc. – Portable Crushing Unit – Raw Material Receiving Hopper / Vibrating Grizzly Feeder System. (Material Handling – Emissions related to vibrating and screening of reclaimed material)</p>	
<p>2. Source Classification Code (SCC): 30502511</p>	
<p>3. SCC Units: tons product processed</p>	
<p>4. Maximum Hourly Rate: 250 ton/hr</p>	<p>5. Maximum Annual Rate: 780,000 ton/yr</p>
<p>6. Estimated Annual Activity Factor: NA</p>	
<p>7. Maximum Percent Sulfur: NA</p>	<p>8. Maximum Percent Ash:</p>
<p>9. Million Btu per SCC Unit: NA</p>	
<p>10. Segment Comment (limit to 200 characters):</p>	

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM 10	061	099	WP
TSP	061	099	WP

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 0.53 lb/hr PM₁₀_{yearly} = 0.82 ton/yr TSP_{hourly} = 1.11 lb/hr TSP_{yearly} = 1.72 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year
6. Emission Factor: 0.0021 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): PM₁₀_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] / (2000 lb/ton) = 0.82 ton/yr PM₁₀_{hour} = [(250 ton/hr)(0.0021 lb/ton)] = 0.53 lb/hr TSP_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] (2.1) / (2000 lb/ton) = 1.72 ton/yr TSP_{hour} = [(200 ton/hr)(0.0021 lb/ton)] (2.1) = 1.11 lb/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Raw Material Receiving Hopper / Grizzly Feeder – subject to subpart 000 rules and regulations.

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: < 5% Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 002

DISCHARGE PAN/DISCHARGE BELT

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. – Under Crusher Gathering Hopper / Discharge Pan – where crushed material exits crushing unit to conveying system.		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: Construction	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters): 		

Emissions Unit Control Equipment

A.

3. Description (limit to 200 characters): The fugitive emissions generated by crushing of material and this material being dropped into the Under Crusher Gathering Hopper / Discharge Pan to conveying system are controlled by water spray bar system mounted at discharge pan / conveying system area, used to dampen the material to control any emissions generated coming out of the crusher or being dropped into discharge pan or conveying system. The material that is to be crushed is also is dampened in it's stockpile as needed, as to control emissions in the crushing unit as well as any fugitives generated by prevailing winds.
2. Control Device or Method Code: <p align="center">061, 099</p>

B.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	10/26/99
2. Long-term Reserve Shutdown Date:	NOT APPLICABLE
3. Package Unit: Discharge Pan/Belt Manufacturer: Bohringer Machinery Company, Inc. Model No: RC-10	
4. Generator Nameplate Rating:	MW
5. Incinerator Information:	
Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE	mmBtu/hr
2. Maximum Incineration Rate: NA	lb/hr tons/day
3. Maximum Process or Throughput Rate: 250 ton/hr as raw (uncrushed) reclaimed asphalt or concrete	
4. Maximum Production Rate: 250 ton/hr as reclaimed crushed concrete or asphalt material.	
5. Operating Capacity Comment (limit to 200 characters): The fugitive emissions generated by crushing of material and this material being dropped into the Under Crusher Discharge Pan / Belt to conveying system are controlled by water spray bar system mounted in the area of the discharge pan / conveying system, used to dampen the material to control any emissions generated coming out of the crusher or being dropped into discharge pan or conveying system.	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
	24 hours/day		6 days/week
	52 weeks/year	not to exceed:	3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1.	Identification of Point on Plot Plan or Flow Diagram: Crusher Discharge Pan / Discharge Belt	
2.	Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4	
4.	Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p align="center">Visible Emissions will be determined in the area of discharge pan, where material exits bottom of crusher.</p>	
4.	ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NOT APPLICABLE	
5.	Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6.	Stack Height: NOT APPLICABLE	feet
7.	Exit Diameter:	feet
8.	Exit Temperature:	°F
9.	Actual Volumetric Flow Rate:	acfm

Emissions Unit Information Section 2 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 5.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i> Zone: 17 East (km): 425.7 North (km): 2930.3	
14. Emission Point Comment (limit to 200 characters): Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment _____ of _____

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Bohringer Machinery Company, Inc. – Portable Crushing Unit – Crusher Discharge Pan/Belt. (Material Handling - Emissions related to dropping material out of crusher onto belt.)</p>	
<p>2. Source Classification Code (SCC): 30502511</p>	
<p>3. SCC Units: tons product processed</p>	
<p>4. Maximum Hourly Rate: 250 ton/hr</p>	<p>5. Maximum Annual Rate: 780,000 ton/yr</p>
<p>6. Estimated Annual Activity Factor: NA</p>	
<p>7. Maximum Percent Sulfur: NA</p>	<p>8. Maximum Percent Ash:</p>
<p>9. Million Btu per SCC Unit: NA</p>	
<p>10. Segment Comment (limit to 200 characters):</p>	

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM 10	061	099	WP
TSP	061	099	WP

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 0.53 lb/hr PM₁₀_{yearly} = 0.82 ton/yr TSP_{hourly} = 1.11 lb/hr TSP_{yearly} = 1.72 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year
6. Emission Factor: 0.0021 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): PM₁₀_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] / (2000 lb/ton) = 0.82 ton/yr PM₁₀_{hour} = [(250 ton/hr)(0.0021 lb/ton)] = 0.53 lb/hr TSP_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] (2.1) / (2000 lb/ton) = 1.72 ton/yr TSP_{hour} = [(200 ton/hr)(0.0021 lb/ton)] (2.1) = 1.11 lb/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Discharge Pan/Belt Emissions – subject to CFR40, subpart 000.

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: < 5% Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: _____ % Exceptional Conditions: _____ % Maximum Period of Excess Opacity Allowed: _____ min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

<p>1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable</p>
<p>6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable</p>
<p>9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 003

CRUSHER BELT TO PRE-SCREENER BELT
(DROP POINT)

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. – Crusher Discharge Conveying Belt to Pre-Screener Conveying Belt (drop point where material leaves Discharge conveying belt and drops to Pre-Screening Conveying Belt)		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: Operation	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters):		

Emissions Unit Control Equipment

A.

5. Description (limit to 200 characters): The fugitive emissions generated from the drop point where crushed material leaves the Crusher Discharge Belt Conveying System and is dropped onto the Pre-Screener Conveying Belt are controlled by water spray bar system mounted in the area discharge pan / discharge conveying system, on an as needed basis this spray bar system will be used to dampen the material to control any emissions generated coming out of the crusher or being dropped into discharge pan or conveying system. The material is also moistened enough as to control any emissions at the drop point mentioned above . The material that is to be crushed is also is dampened as needed, in it's stockpile as to control emissions in the crushing unit as well as any fugitives generated by prevailing winds.
2. Control Device or Method Code: 061, 099

B.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date: 10/26/99
2. Long-term Reserve Shutdown Date: NOT APPLICABLE
3. Package Unit: Crusher Discharge Belt and Pre-Screener Conveying Belt Manufacturer: Bohringer Machinery Company, Inc. Model No: RC10
4. Generator Nameplate Rating: MW
5. Incinerator Information: Dwell Temperature: °F Dwell Time: seconds Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE	mmBtu/hr
2. Maximum Incineration Rate: NA	lb/hr tons/day
3. Maximum Process or Throughput Rate: 250 ton/hr as raw (crushed) reclaimed asphalt or concrete	
4. Maximum Production Rate: 250 ton/hr as reclaimed crushed concrete or asphalt material.	
5. Operating Capacity Comment (limit to 200 characters): The fugitive emissions generated by crushing of material and this material being dropped into the Discharge Pan/Discharge Belt to conveying system are controlled by water spray bar system mounted in the area of the discharge pan / crusher discharge conveying system, used to dampen the material to control any emissions generated coming out of the crusher or being dropped into discharge pan or conveying system and the drop point at the discharge belt to Pre-Screener Conveying System.	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
	24 hours/day		6 days/week
	52 weeks/year	**not to exceed	3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Drop Point Crusher Discharge Belt and Pre-Screener Conveying System.	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4	
6. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p align="center">Visible Emissions will be determined in the area of drop point, where material exits the crusher discharge belt and falls onto the Pre-Screener Conveying System.</p>	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: <p align="center">NOT APPLICABLE</p>	
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height: NOT APPLICABLE	feet
7. Exit Diameter:	feet
8. Exit Temperature:	°F
9. Actual Volumetric Flow Rate:	acfm

Emissions Unit Information Section 3 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 10.0 feet	
13. Emission Point UTM Coordinates: <i>(for base/main location of crushing unit only, others not determined as of yet.)</i> Zone: 17 East (km): 425.7 North (km): 2930.3	
14. Emission Point Comment (limit to 200 characters): Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Bohringer Machinery Company, Inc. – Portable Crushing Unit – Drop Point between Crusher discharge belt and Pre-Screener Conveying System. (Material Handling - Emissions related to conveying of reclaimed material).	
2. Source Classification Code (SCC): 30502511	
3. SCC Units: tons product processed	
4. Maximum Hourly Rate: 250 ton/hr	5. Maximum Annual Rate: 780,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: NA	
10. Segment Comment (limit to 200 characters):	

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM10	061	099	WP
TSP	061	099	WP

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 0.60 lb/hr PM₁₀_{yearly} = 0.94 ton/yr TSP_{hourly} = 1.26 lb/hr TSP_{yearly} = 1.97 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 0.0024 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): PM₁₀_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0024 lb/ton)] / (2000 lb/ton) = 0.94 ton/yr PM₁₀_{hour} = [(250 ton/hr)(0.0024 lb/ton)] = 0.60 lb/hr TSP_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0024 lb/ton)] (2.1) / (2000 lb/ton) = 1.97 ton/yr TSP_{hour} = [(250 ton/hr)(0.0024 lb/ton)] (2.1) = 1.26 lb/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: < 10% Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: _____ % Exceptional Conditions: _____ % Maximum Period of Excess Opacity Allowed: _____ min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

<p>1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable</p>
<p>6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable</p>
<p>9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 004

**PRE-SCREENER BELT TO
VIBRATING SCREENER**

(DROP POINT)

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION (Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. - Pre-Screener Conveying Belt to Vibrating screener system (drop point from Pre-Screener Conveying System to Vibrating Screener)		
2. Emissions Unit Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: Construction	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters):		

Emissions Unit Control Equipment

A.

7. Description (limit to 200 characters): The fugitive emissions generated from this drop point where crushed material leaves the Pre-Screener Conveying Belt and drops onto the vibrating screening system is controlled by the water spray bar system as needed, mounted in the area discharge pan / conveying system. This material is still moist enough as to cause little to no fugitive emissions at this drop point. The material that is to be crushed is also dampened as needed, in it's stockpile as to control emissions in the crushing unit as well as any fugitives generated by prevailing winds.
2. Control Device or Method Code: 061, 099

B.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	ASAP
2. Long-term Reserve Shutdown Date:	NOT APPLICABLE
3. Package Unit:	Pre-Screener Conveying System to Vibrating Screener (Drop Point)
Manufacturer:	Bohringer Machinery Company, Inc. Model No: RC10
4. Generator Nameplate Rating:	MW
5. Incinerator Information:	
Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	NONE mmBtu/hr
2. Maximum Incineration Rate:	NA lb/hr tons/day
3. Maximum Process or Throughput Rate:	250 ton/hr as raw (crushed) reclaimed asphalt or concrete
4. Maximum Production Rate:	250 ton/hr as reclaimed crushed concrete or asphalt material. (dependent on screen size at the time)
5. Operating Capacity Comment (limit to 200 characters):	
<p>The fugitive emissions generated from this drop point where crushed material leaves the Pre-Screener Conveying System and is dropped to the Vibrating Screener is controlled by the water spray bar system on a as needed basis, mounted in the area of the discharge pan / conveying system. This material is still moist enough as to cause little to no fugitive emissions at this drop point. The material that is to be crushed is also is dampened as needed, in it's stockpile as to control emissions in the crushing unit as well as any fugitives generated by prevailing winds.</p>	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
24 hours/day	6 days/week	
52 weeks/year	<i>not to exceed</i>	3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

<p>1. Identification of Point on Plot Plan or Flow Diagram: Drop Point from Pre-Screener Conveying System to Vibrating Screener (004)</p>
<p>2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4</p>
<p>8. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):</p> <p align="center">Visible Emissions will be determined in the area of drop point, where material exits the Pre-Screener Conveying System and is dropped onto the vibrating screener.</p>
<p>4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:</p> <p align="center">NOT APPLICABLE</p>
<p>5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W</p>
<p>6. Stack Height: NOT APPLICABLE feet</p>
<p>7. Exit Diameter: feet</p>
<p>8. Exit Temperature: °F</p>
<p>9. Actual Volumetric Flow Rate: acfm</p>

Emissions Unit Information Section 4 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 10.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i>	
Zone: 17	East (km): 425.7
	North (km): 2930.3
14. Emission Point Comment (limit to 200 characters):	
Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Bohringer Machinery Company, Inc. – Portable Crushing Unit – Drop Point from Pre-Screener to vibrating screener (Material Handling - Emissions related to vibrating, screening and conveying of reclaimed crushed material).</p>	
<p>2. Source Classification Code (SCC): 30502503</p>	
<p>3. SCC Units: tons product processed</p>	
<p>4. Maximum Hourly Rate: 250 ton/hr</p>	<p>5. Maximum Annual Rate: 780,000 ton/yr</p>
<p>6. Estimated Annual Activity Factor: NA</p>	
<p>7. Maximum Percent Sulfur: NA</p>	<p>8. Maximum Percent Ash:</p>
<p>9. Million Btu per SCC Unit: NA</p>	
<p>10. Segment Comment (limit to 200 characters):</p>	

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM10	061	099	WP
TSP	061	099	WP

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 1.20 lb/hr PM₁₀_{yearly} = 1.87 ton/yr TSP_{hourly} = 2.52 lb/hr TSP_{yearly} = 3.93 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 0.0048 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): $\text{PM}_{10\text{yearly}} = [(250 \text{ ton/hr})(3120 \text{ hr/yr})(0.0048 \text{ lb/ton})] / (2000 \text{ lb/ton}) = 1.87 \text{ ton/yr}$ $\text{PM}_{10\text{hour}} = [(250 \text{ ton/hr})(0.0048 \text{ lb/ton})] = 1.20 \text{ lb/hr}$ $\text{TSP}_{\text{yearly}} = [(250 \text{ ton/hr})(3120 \text{ hr/yr})(0.0048 \text{ lb/ton})] (2.1) / (2000 \text{ lb/ton}) = 3.93 \text{ ton/yr}$ $\text{TSP}_{\text{hour}} = [(250 \text{ ton/hr})(0.0048 \text{ lb/ton})] (2.1) = 2.52 \text{ lb/hr}$
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: < 10% Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: _____ % Exceptional Conditions: _____ % Maximum Period of Excess Opacity Allowed: _____ min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

<p>1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable</p>
<p>6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input checked="" type="checkbox"/> Not Applicable</p>
<p>9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 005

**VIBRATING SCREENER to
SCREENED MATERIAL DISCHARGE BELT
(DROP POINT)**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. – Vibrating Screener to Screener Discharge Conveying System (drop point from Vibrating Screener to Screener Discharge Conveying System)		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: Construction	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters):		

Emissions Unit Control Equipment

A.

9. Description (limit to 200 characters): The fugitive emissions generated from this drop point where crushed material leaves the vibrating screener and is dropped onto the screened material discharge belt are controlled by the water spray bar system on a as needed basis, mounted in the area of the discharge pan / conveying system. This material is still moist enough as to cause little to no fugitive emissions at this drop point. This material is still moist from previous spray systems and is also dampened before it leaves the belt and drops to it's stockpile.
2. Control Device or Method Code: 061, 099

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Details

1. Initial Startup Date: 10/26/99
2. Long-term Reserve Shutdown Date: NOT APPLICABLE
3. Package Unit: Vibrating Screener to Screened Material Discharge Belt (Drop Point) Manufacturer: Bohringer Machinery Company, Inc. Model No: RC10
4. Generator Nameplate Rating: MW
5. Incinerator Information: Dwell Temperature: °F Dwell Time: seconds Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE mmBtu/hr
2. Maximum Incineration Rate: NA lb/hr tons/day
3. Maximum Process or Throughput Rate: 250 ton/hr as raw (crushed) reclaimed asphalt or concrete
4. Maximum Production Rate: 250 ton/hr as reclaimed crushed concrete or asphalt material. (dependent on screen size at the time)
5. Operating Capacity Comment (limit to 200 characters): The fugitive emissions generated from this drop point where crushed material leaves the vibrating screener and is dropped onto the screened material discharge belt are controlled by the water spray bar system on a as needed basis, mounted in the area of the discharge pan / conveying system. This material is still moist enough as to cause little to no fugitive emissions at this drop point. This material is still moist from previous spray systems and is also dampened before it leaves the belt and drops to it's stockpile.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:
24 hours/day 6 days/week
52 weeks/year <i>not to exceed</i> 3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Vibrating Screener Drop Point to Screened Material Discharge Belt (005)	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4	
10. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p style="text-align: center;">Visible Emissions will be determined in the area of drop point, where material exits Vibrating Screener and falls onto Screened Material Discharge Belt.</p>	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: <p style="text-align: center;">NOT APPLICABLE</p>	
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height: NOT APPLICABLE	feet
7. Exit Diameter:	feet
8. Exit Temperature:	°F
9. Actual Volumetric Flow Rate:	acfm

Emissions Unit Information Section 5 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 0.0 to 20.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i>	
Zone: 17	East (km): 425.7 North (km): 2930.3
14. Emission Point Comment (limit to 200 characters):	
Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Bohringer Machinery Company, Inc. – Portable Crushing Unit – Vibrating Screener to Screened Material Discharge Belt. (Material Handling - Emissions related to conveying of reclaimed crushed material).</p>	
<p>2. Source Classification Code (SCC): 30502503</p>	
<p>3. SCC Units: tons product processed</p>	
<p>4. Maximum Hourly Rate: 250 ton/hr</p>	<p>5. Maximum Annual Rate: 780,000 ton/yr</p>
<p>6. Estimated Annual Activity Factor: NA</p>	
<p>7. Maximum Percent Sulfur: NA</p>	<p>8. Maximum Percent Ash:</p>
<p>9. Million Btu per SCC Unit: NA</p>	
<p>10. Segment Comment (limit to 200 characters):</p>	

Emissions Unit Information Section 5 of 9

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM10	061	099	WP
TSP	061	099	WP

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 0.96 lb/hr PM₁₀_{yearly} = 1.50 ton/yr TSP_{hourly} = 2.02 lb/hr TSP_{yearly} = 3.14 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 0.0048 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): PM₁₀_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0048 lb/ton)] / (2000 lb/ton) = 1.87 ton/yr PM₁₀_{hour} = [(250 ton/hr)(0.0048 lb/ton)] = 1.20 lb/hr TSP_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0048 lb/ton)] (2.1) / (2000 lb/ton) = 3.93 ton/yr TSP_{hour} = [(250 ton/hr)(0.0048 lb/ton)] (2.1) = 2.52 lb/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: < 10% Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. Of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. Of Related Operating Method/Mode) (limit to 200 characters):		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: _____ % Exceptional Conditions: _____ % Maximum Period of Excess Opacity Allowed: _____ min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

<p>1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable</p>
<p>6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input checked="" type="checkbox"/> Not Applicable</p>
<p>9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 006

**SCREENED MATERIAL DISCHARGE BELT to
RADIAL STACKER BELT No. 1**

(DROP POINT)

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. – Crushing Unit - Drop Point from Screened Material Discharge Belt to Radial Stacker Belt No.1 (60'). (Material Handling, Fugitive Emissions Generated if any at all are generated at the drop point between the two belts)		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: Construction	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters):		

Emissions Unit Control Equipment

A.

11. Description (limit to 200 characters): The fugitive emissions generated from this drop point where crushed material leaves the screened material discharge belt and is dropped to Radial Stacker Belt No.1 (60') are controlled as needed by a water spray bar system mounted at the discharge hopper in the area under the crusher. This material is still moist from previous spray systems and is also dampened before it leaves the belt and drops to it's stockpile.
2. Control Device or Method Code: 061, 099

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date: ASAP
2. Long-term Reserve Shutdown Date: NOT APPLICABLE
3. Package Unit: Screened Material Discharge Belt (Drop Point) to Radial Stacker Belt No.1 (60') Manufacturer: Bohringer Machinery Company, Inc. Model No: RC10
4. Generator Nameplate Rating: MW
5. Incinerator Information:
Dwell Temperature: °F
Dwell Time: seconds
Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE mmBtu/hr
2. Maximum Incineration Rate: NA lb/hr tons/day
3. Maximum Process or Throughput Rate: 250 ton/hr as raw (crushed) reclaimed asphalt or concrete
4. Maximum Production Rate: 25 ton/hr as reclaimed crushed concrete or asphalt material. (dependent on screen size at the time)
5. Operating Capacity Comment (limit to 200 characters): This material is still moist from previous spray systems as needed.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
	24 hours/day		6 days/week
	52 weeks/year	<i>not to exceed</i>	3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Screened Material Discharge Belt (drop point) to Radial Stacker No.1 (006)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
12. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p>Visible Emissions will be determined in the area of drop point, where material drops from the screened material discharge belt and fall onto Radial Stacker Belt No.1 (60').</p>
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: <p align="center">NOT APPLICABLE</p>
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: NOT APPLICABLE feet
7. Exit Diameter: feet
8. Exit Temperature: °F
9. Actual Volumetric Flow Rate: acfm

Emissions Unit Information Section 6 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 0.0 to 20.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i> Zone: 17 East (km): 425.7 North (km): 2930.3	
14. Emission Point Comment (limit to 200 characters): Emissions Point will be fugitive only, if any emissions are generated at all.	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Screened Material Discharge Belt (drop point) to Radial Stacker No.1 (006)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
12. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p>Visible Emissions will be determined in the area of drop point, where material drops from the screened material discharge belt and fall onto Radial Stacker Belt No.1 (60').</p>
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: <p align="center">NOT APPLICABLE</p>
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: NOT APPLICABLE feet
7. Exit Diameter: feet
8. Exit Temperature: °F
9. Actual Volumetric Flow Rate: acfm

Emissions Unit Information Section 6 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 0.0 to 20.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i> Zone: 17 East (km): 425.7 North (km): 2930.3	
14. Emission Point Comment (limit to 200 characters): Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Bohringer Machinery Company, Inc. – Portable Crushing Unit – screened material discharge belt drop point to Radial Stacker Belt No.1. (Material Handling - Emissions related to conveying of crushed material).</p>	
<p>2. Source Classification Code (SCC): 30502511</p>	
<p>3. SCC Units: tons product processed</p>	
<p>4. Maximum Hourly Rate: 250 ton/hr</p>	<p>5. Maximum Annual Rate: 780,000 ton/yr</p>
<p>6. Estimated Annual Activity Factor: NA</p>	
<p>7. Maximum Percent Sulfur: NA</p>	<p>8. Maximum Percent Ash:</p>
<p>9. Million Btu per SCC Unit: NA</p>	
<p>10. Segment Comment (limit to 200 characters):</p>	

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM10	061	099	WP
TSP	061	099	WP

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 0.53lb/hr PM₁₀_{yaerly} = 0.81 ton/yr TSP_{hourly} = 1.11 lb/hr TSP_{yearly} = 1.70 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 0.0021 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): PM₁₀_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] / (2000 lb/ton) = 0.81 ton/yr PM₁₀_{hour} = [(250 ton/hr)(0.0021 lb/ton)] = 0.53 lb/hr TSP_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] (2.1) / (2000 lb/ton) = 1.70 ton/yr TSP_{hour} = [(200 ton/hr)(0.0021 lb/ton)] (2.1) = 1.11 lb/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test
3. Requested Allowable Emissions and Units: < 10% Opacity
4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):

B.

1. Basis for Allowable Emissions Code:
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions: lb/hr tons/year
5. Method of Compliance (limit to 60 characters):
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: _____ % Exceptional Conditions: _____ % Maximum Period of Excess Opacity Allowed: _____ min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 007

**RADIAL STACKER No.1 to
RADIAL STACKER No.2**

(DROP POINT)

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. – Drop Point from Radial Stacker Belt No.1 to Radial Stacker Belt No.2.		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: Construction	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters): 		

Emissions Unit Control Equipment

A.

13. Description (limit to 200 characters): The fugitive emissions generated from this drop point where crushed material leaves Radial Stacker No.1 and is dropped to radial stacker belt No. 2 are controlled as needed by the water spray bar system mounted in the area of the discharge hopper under the crusher.
2. Control Device or Method Code: 061, 099

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	10/26/99
2. Long-term Reserve Shutdown Date:	NOT APPLICABLE
3. Package Unit:	Radial Stacker Belt No.1 (drop point) to Radial Stacker Belt No. 2 Manufacturer: Self-Fabricated Model No: Unknown
4. Generator Nameplate Rating:	MW
5. Incinerator Information:	
	Dwell Temperature: °F
	Dwell Time: seconds
	Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	NONE mmBtu/hr
2. Maximum Incineration Rate:	NA lb/hr tons/day
3. Maximum Process or Throughput Rate:	250 ton/hr as raw (crushed) reclaimed asphalt or concrete
4. Maximum Production Rate:	250 ton/hr as reclaimed crushed concrete or asphalt material. (dependent on screen size at the time)
5. Operating Capacity Comment (limit to 200 characters):	 This material is still moist from previous spray systems and is also dampened before it leaves the belt and drops to it's stockpile. In addition, there may be periods when Radial Stacker Belt is not used, dependent on sites.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
	24 hours/day		6 days/week
	52 weeks/year	not to exceed	3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Drop Point from Radial Stacker No.1 to Radial Stacker Belt No.2 (007)
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4
14. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): <p>Visible Emissions will be determined in the area of drop point, where material exits Radial Stacker No.1 and falls to Radial Stacker Belt No.2.</p>
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: <p style="text-align: center;">NOT APPLICABLE</p>
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: NOT APPLICABLE feet
7. Exit Diameter: feet
8. Exit Temperature: °F
9. Actual Volumetric Flow Rate: acfm

Emissions Unit Information Section 7 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 8.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i>	
Zone: 17	East (km): 425.7 North (km): 2930.3
14. Emission Point Comment (limit to 200 characters):	
Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Bohringer Machinery Company, Inc. – Portable Crushing Unit – Radial Stacker Belt No.1 drop point to Radial Stacker Belt No.2. (Material Handling – Emissions related to conveying of reclaimed crushed material).	
2. Source Classification Code (SCC): 30502503	
3. SCC Units: tons product processed	
4. Maximum Hourly Rate: 250 ton/hr	5. Maximum Annual Rate: 780,000 ton/yr
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: NA	
10. Segment Comment (limit to 200 characters):	

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emittted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM10	061	099	WP
TSP	061	099	WP

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 1.20 lb/hr PM₁₀_{yearly} = 1.87 ton/yr TSP_{hourly} = 2.52 lb/hr TSP_{yearly} = 3.93 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 0.0048 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): PM₁₀_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0048 lb/ton)] / (2000 lb/ton) = 1.87 ton/yr PM₁₀_{hour} = [(250 ton/hr)(0.0048 lb/ton)] = 1.20 lb/hr TSP_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0048 lb/ton)] (2.1) / (2000 lb/ton) = 3.93 ton/yr TSP_{hour} = [(250 ton/hr)(0.0048 lb/ton)] (2.1) = 2.52 lb/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: < 10% Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: _____ % Exceptional Conditions: _____ % Maximum Period of Excess Opacity Allowed: _____ min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 008

**RADIAL STACKER No.1 or No.2
To STOCKPILE
(DROP POINT)**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Bohringer Machinery Company, Inc. – Drop Point from Radial Stacker Belt No.1 or No.2 to stockpile.		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: Construction	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters):		

Emissions Unit Control Equipment

A.

15. Description (limit to 200 characters): This material is still moist from previous spray systems. In addition, the stacker belts are kept close to the top of the stockpiles as to control airborne fugitive emissions.
2. Control Device or Method Code: 061, 099

B.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date: 10/26/99		
2. Long-term Reserve Shutdown Date: NOT APPLICABLE		
3. Package Unit: Radial Stacker Belt No. 1 or No.2 drop point to stockpile Manufacturer: Self - fabricated. Model No: Unknown		
4. Generator Nameplate Rating: MW		
5. Incinerator Information:		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NONE mmBtu/hr
2. Maximum Incineration Rate: NA lb/hr tons/day
3. Maximum Process or Throughput Rate: 250 ton/hr as raw (crushed) reclaimed asphalt or concrete
4. Maximum Production Rate: 250 ton/hr as reclaimed crushed concrete or asphalt material. (dependent on screen size at the time)
5. Operating Capacity Comment (limit to 200 characters): This material is still moist from previous spray systems. Radial Belt No.2 may not be used at all sites.

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	24 hours/day	6 days/week
	52 weeks/year	<i>not to exceed: 3120 hours/year</i>

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility will be subject to 40 CFR, Part 60, subpart 000 rules and regulations.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Drop Point from Radial Stacker Belt No.1 or No.2 to stockpile (008)	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4	
16. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Visible Emissions will be determined in the area of drop point, where material exits Radial Stacker Belt No.1 or No.2 and is dropped to it's stockpile.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NOT APPLICABLE	
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height: NOT APPLICABLE	feet
7. Exit Diameter:	feet
8. Exit Temperature:	°F
9. Actual Volumetric Flow Rate:	acfm

Emissions Unit Information Section 8 of 9

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height: ~ 0.0 to 20.0 feet	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i> Zone: 17 East (km): 425.7 North (km): 2930.3	
14. Emission Point Comment (limit to 200 characters): Emissions Point will be fugitive only, if any emissions are generated at all.	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Bohringer Machinery Company, Inc. – Portable Crushing Unit – Drop point from Radial Stacker Belt No.1 or No.2 to stockpile. (Material Handling - Emissions related to conveying of reclaimed crushed material).</p>	
<p>2. Source Classification Code (SCC): 30502503</p>	
<p>3. SCC Units: tons product processed</p>	
<p>4. Maximum Hourly Rate: 250 ton/hr</p>	<p>5. Maximum Annual Rate: 780,000 ton/yr</p>
<p>6. Estimated Annual Activity Factor: NA</p>	
<p>7. Maximum Percent Sulfur: NA</p>	<p>8. Maximum Percent Ash:</p>
<p>9. Million Btu per SCC Unit: NA</p>	
<p>10. Segment Comment (limit to 200 characters):</p>	

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM10	061	099	WP
TSP	061	099	WP

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: PM₁₀ , TSP
2. Total Percent Efficiency of Control: 80 %
3. Potential Emissions: PM₁₀_{hourly} = 1.20 lb/hr PM₁₀_{yearly} = 1.87 ton/yr TSP_{hourly} = 2.52 lb/hr TSP_{yearly} = 3.93 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year
6. Emission Factor: 0.0048 lbs/ton Reference: AP-42 (Table 11.19.2-2 controlled) and footnote © for TSP Emissions
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions (limit to 600 characters): PM₁₀_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0048 lb/ton)] / (2000 lb/ton) = 1.87 ton/yr PM₁₀_{hour} = [(250 ton/hr)(0.0048 lb/ton)] = 1.20 lb/hr TSP_{yearly} = [(250 ton/hr)(3120 hr/yr)(0.0048 lb/ton)] (2.1) / (2000 lb/ton) = 3.83 ton/yr TSP_{hour} = [(250 ton/hr)(0.0048 lb/ton)] (2.1) = 2.52 lb/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.		
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test		
3. Requested Allowable Emissions and Units: < 10% Opacity		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 10 % Exceptional Conditions: < 10 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: _____ % Exceptional Conditions: _____ % Maximum Period of Excess Opacity Allowed: _____ min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

EMISSIONS ID. NO. 009

**CATERPILLAR INC. -
GENERATOR SET**

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Caterpillar, No.2 virgin diesel fired, 400KVA, 320 kW Generator Set – used to supply electrical power to crushing plant. Sulfur limit in fuel oil limited to 0.5% by weight.		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: <p align="center">A</p>	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: <p align="center">14</p>
6. Emissions Unit Comment (limit to 500 characters): Caterpillar Diesel fired Generator Set used to supply electrical power to crushing plant. Generator fired on No.2 virgin diesel fuel oil with a maximum sulfur content of 0.5% by weight, 138,000 BTU/gal and maximum fuel consumption at maximum of 25 gal/hr.		

Emissions Unit Control Equipment

A.

17. Description (limit to 200 characters): UNCONTROLLED
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	ASAP	
2. Long-term Reserve Shutdown Date:	NOT APPLICABLE	
3. Package Unit:	Virgin Diesel fired Generator Set	
Manufacturer:	Caterpillar	Model No: 400 KVA
4. Generator Nameplate Rating:	320 kW	
5. Incinerator Information:		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	6.21 mmBtu/hr
2. Maximum Incineration Rate:	NA lb/hr tons/day
Maximum Process or Throughput Rate:	Consumes No.2 fuel oil at 25 gallons per hour maximum.
4. Maximum Production Rate:	25 gallons per hour
5. Operating Capacity Comment (limit to 200 characters):	
<p>Caterpillar Diesel fired Generator Set used to supply electrical power to crushing plant. Generator fired on No.2 virgin diesel fuel oil with a maximum sulfur content of 0.5% by weight, 138,000 BTU/gal and maximum fuel consumption at 25 gal/hr.</p>	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
	24 hours/day		6 days/week
	52 weeks/year	not to exceed:	3120 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This emissions unit will be subject to 62-296.320 of the FAC

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

62-212.200(56) FAC	
62-296.800 FAC	
40 CFR 60, Subpart 000	
62-296.310 (2) FAC	
62-297 FAC	
62-297.340 FAC	
62-297.350 FAC	
62-210.350 FAC	
Chapter 84-446, Section 3 (12) FS	
62-296.320 FAC	
62-296.310 (3) FAC	
40 CFR 60.11 (d)	
62-4 FAC	
62-210	

E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Caterpillar Diesel fired Generator-Set (009)
2. Emission Point Type Code: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
18. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Visible Emissions will be determined from the 12" round exhaust stack exiting this unit.
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NOT APPLICABLE
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height: ~ 15 feet
7. Exit Diameter: ~ 12"
8. Exit Temperature: ~ 750°F °F
9. Actual Volumetric Flow Rate: ~ 5300 acfm

Emissions Unit Information Section 9 of 9

10. Percent Water Vapor : unknown	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	
13. Emission Point UTM Coordinates: <i>(for Alico Road location of crushing unit only, others not determined as of yet.)</i>	
Zone: 17	East (km): 425.7
	North (km): 2930.3
14. Emission Point Comment (limit to 200 characters):	
<p>Caterpillar Diesel fired Generator Set used to supply electrical power to crushing plant. Generator fired on No.2 virgin diesel fuel oil with a maximum sulfur content of 0.5% by weight, 138,000 BTU/gal and maximum fuel consumption at 25 gal/hr.</p>	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Eagle Crusher Company, Inc. – Portable Crushing Unit – Emissions from Caterpillar Generator Set fired on No.2 virgin diesel fuel oil with a sulfur limit of 0.5% by weight.</p>	
<p>2. Source Classification Code (SCC): 20200401</p>	
<p>3. SCC Units: 1000 gallons burned</p>	
<p>4. Maximum Hourly Rate: 25.0 gal/hr @ worst case scenario</p>	<p>5. Maximum Annual Rate: 78,000 gal/yr @ max.</p>
<p>6. Estimated Annual Activity Factor: 0.50 tpy @ worst case scenario at worst site.</p>	
<p>7. Maximum Percent Sulfur: 0.50 % by weight</p>	<p>8. Maximum Percent Ash: NEG.</p>
<p>9. Million Btu per SCC Unit: 138.0 MMBtu/SCC Unit</p>	
<p>10. Segment Comment (limit to 200 characters):</p>	

Emissions Unit Information Section 9 of 9

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
TSP	None	None	EL
SO2	None	None	EL
CO	None	None	EL
NOx	None	None	EL
TOC	None	None	EL

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information: Pollutant 1 of 5

1. Pollutant Emitted: PM₁₀ 2. <u> </u>
2. Total Percent Efficiency of Control: NONE
3. Potential Emissions: PM10 = 1.07 lb/hr or 1.67 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year
6. Emission Factor: 0.31 lbs/MMBTU Reference: AP-42
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
8. Calculation of Emissions: PM10 = (25 gal/hr fuel useage)(138,000 BTU/gal) = 3.45 MMBTU/hr (3.45 MMBTU/hr)(0.31 lb/MMBTU) = 1.07 lb/hr (1.07 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 1.67 ton/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 2 of 5

3. Pollutant Emitted: NO_x
2. Total Percent Efficiency of Control: NONE
3. Potential Emissions: NO_x = 15.21 lb/hr or 23.73 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 4.41 lbs/MMBTU Reference: AP-42
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
9. Calculation of Emissions: NO_x = (25 gal/hr fuel useage)(138,000 BTU/gal) = 3.45 MMBTU/hr (3.45 MMBTU/hr)(4.41 lb/MMBTU) = 15.21 lb/hr (15.21 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 23.73 ton/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information: Pollutant 3 of 5

1. Pollutant Emitted: CO
2. Total Percent Efficiency of Control: NONE
3. Potential Emissions: CO = 3.28 lb/hr or 5.12 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 0.95 lbs/MMBTU Reference: AP-42
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions: CO = (25 gal/hr fuel usage)(138,000 BTU/gal) = 3.45 MMBTU/hr (3.45 MMBTU/hr)(0.95 lb/MMBTU) = 3.28 lb/hr (3.28 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 5.12 ton/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 5

1. Pollutant Emitted: Sox
2. Total Percent Efficiency of Control: NONE
3. Potential Emissions: Sox = 1.00 lb/hr or 1.56 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>0</u> to <u>0</u> tons/year
6. Emission Factor: 0.29 lbs/MMBTU Reference: AP-42
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
11. Calculation of Emissions: SOx = (25 gal/hr fuel useage)(138,000 BTU/gal) = 3.45 MMBTU/hr (3.45 MMBTU/hr)(0.29 lb/MMBTU) = 1.00 lb/hr (1.00 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 1.56 ton/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 5 of 5

1. Pollutant Emitted: TOC
2. Total Percent Efficiency of Control: NONE
3. Potential Emissions: TOC = 1.24 lb/hr or 1.93 ton/yr
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u> 0 </u> to <u> 0 </u> tons/year
6. Emission Factor: 0.36 lbs/MMBTU Reference: AP-42
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
12. Calculation of Emissions: TOC = (25 gal/hr fuel useage)(138,000 BTU/gal) = 3.45 MMBTU/hr (3.45 MMBTU/hr)(0.36 lb/MMBTU) = 1.24 lb/hr (1.24 lb/hr)(3120 hrs/yr) / 2000 lb/ton = 1.93 ton/hr
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: This facility will be subject to 40 CFR Part 60, Subpart 000 rules and regulations.
2. Future Effective Date of Allowable Emissions: Annual Visible Emissions Compliance Test
3. Requested Allowable Emissions and Units: < 20% Opacity
4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters): Annual EPA Method 9 Compliance Testing.
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):

B.

1. Basis for Allowable Emissions Code:
2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:
4. Equivalent Allowable Emissions: lb/hr tons/year
5. Method of Compliance (limit to 60 characters):
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE
2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: < 5 % Exceptional Conditions: < 5 % Maximum Period of Excess Opacity Allowed: 0 min/hour
4. Method of Compliance: Annual EPA Method 9 visible emission testing.
5. Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment (limit to 200 characters):

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

<p>1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable</p>
<p>6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable ** FDEP HAS ON FILE IN CONSTRUCTION PERMIT</p>
<p>8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> III </u> <input type="checkbox"/> Not Applicable</p>
<p>9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

TABLE OF CONTENTS

I. AREA MAP OF CRUSHER LOCATION AT TIME OF COMPLIANCE TESTING

II. TYPICAL FACILITY PLOT PLAN

III. SUPPLEMENTAL INFORMATION

A. Initial Visible Emission Tests

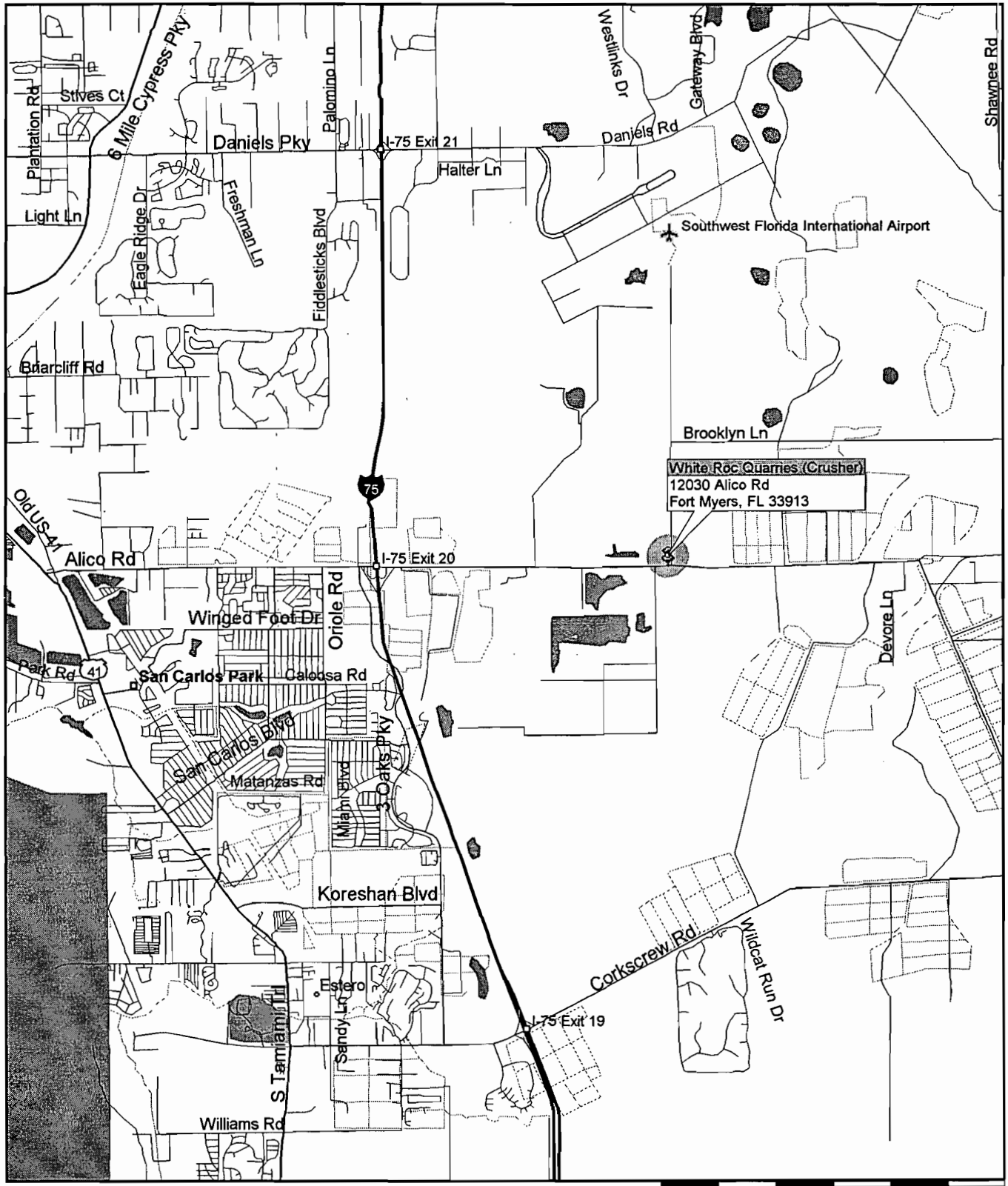
B. Process Weight Determination

C. Fuel Analysis (Generator)

**D. Plant Operation & Maintenance
Logs**

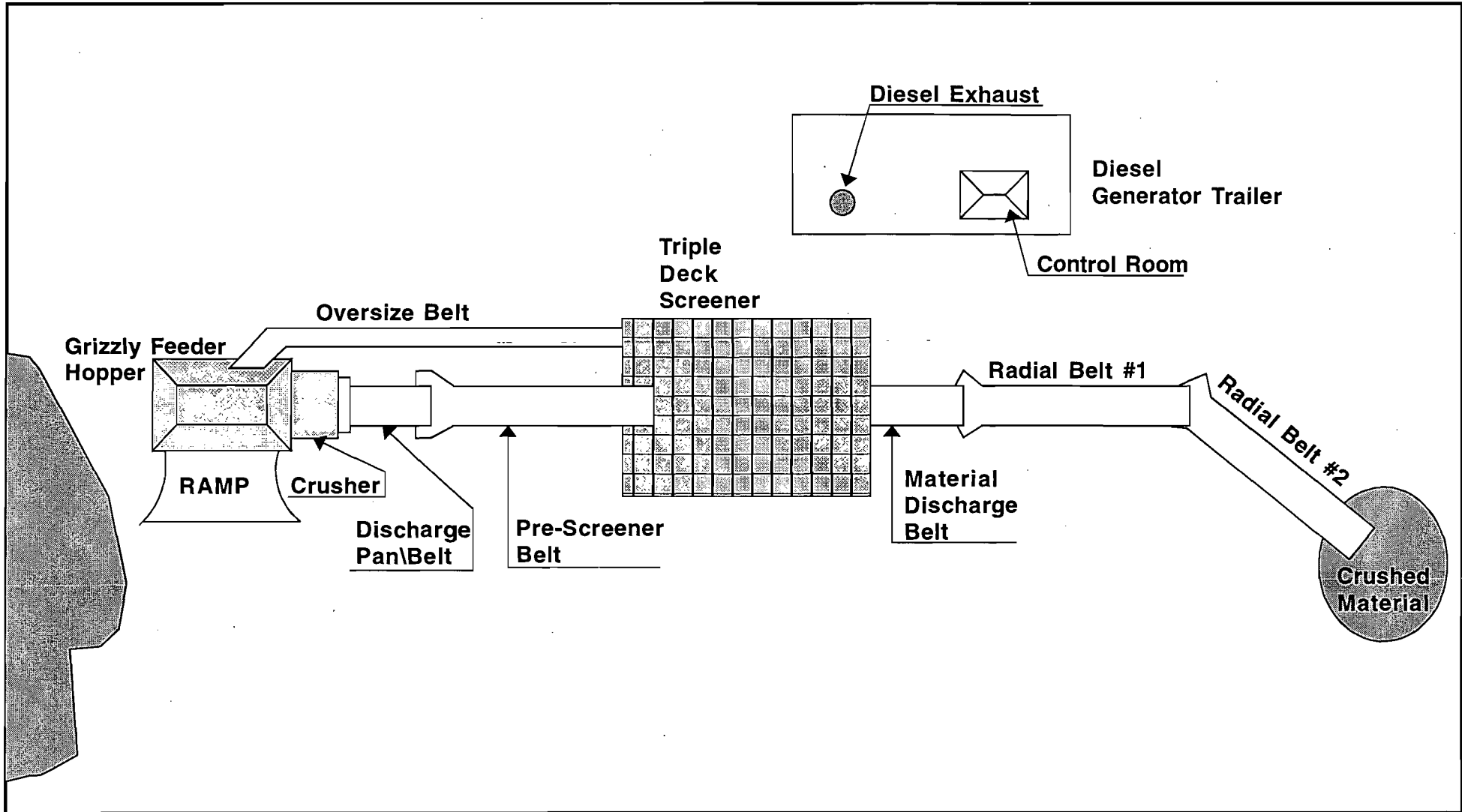
**I. AREA MAP OF CRUSHER LOCATION
AT TIME OF COMPLIANCE TESTING**

WHITE ROCK QUARRIES - CRUSHING UNIT LOCATION @ INITIAL COMPLIANCE TESTING



Microsoft Expedia
Streets98

II. TYPICAL FACILITY PLOT PLAN



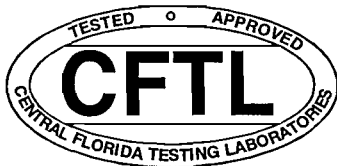
FIELD

N

Central Florida Testing Laboratories 12625-40th Street North Clearwater, FL 33762			
SCALE: NTS	APPROVED BY: _____	DRAWN BY: C.L.B.	
DATE: 11-12-1999		REVISED: _____	
White Rock Quarries Alico Road - Ft. Myers, Fl.			
Typical Site Plan			

III. SUPPLEMENTAL INFORMATION

III. SUPPLEMENTAL INFORMATION
A. Initial Visible Emission Tests



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE) METHOD 9 203A 203B OTHER:

FORM NUMBER _____ PAGE 1 OF 1

COMPANY NAME
White Rock Quarries
 STREET ADDRESS
12030 Alico Road CITY **Ft. Myers**
 MAILING ADDRESS
Post Office Box 15065
 CITY STATE ZIP
W. Palm Beach Florida 33416
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER
7775081-001-AC

CONTINUED ON VEO NUMBER _____

OBSERVATION DATE 11-01-99 START TIME 8:30:00 am END TIME 8:59:45 am

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6	x0	0	0	0	0	36					
7	x0	0	0	0	0	37					
8	0	x5	0	0	0	38					
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25	x0	0	0	0	0	55					
26	x0	0	0	0	0	56					
27	0	0	x10	5	0	57					
28	0	0	0	0	0	58					
29	0	x0	0	0	0	59					
30	0	x5	0	0	0	60					

PROCESS EQUIPMENT Truck Loading OPERATING MODE See Below
 CONTROL EQUIPMENT None OPERATING MODE -

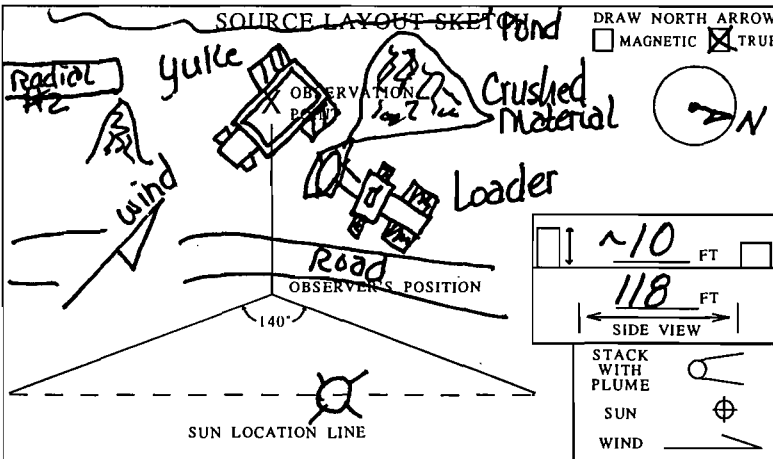
DESCRIBE EMISSION PT.
Drop from front end loader into yuke truck

DISTANCE TO EMISS. PT. START 118' END 118' DIRECTION TO EMISS. PT. (DEGREES) START 284° END 284°
 HEIGHT OF EMISS. PT. START ~10' END ~10' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~7' END ~7'

VERTICAL ANGLE TO OBS. PT. START 1° END 1° DIRECTION TO OBS. PT. (DEGREES) START 284° END 284°
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

DESCRIBE EMISSIONS occasional fugitives during dump
 START during dump END same
 EMISSION COLOR START gray END gray WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START sky END sky
 BACKGROUND COLOR START blue END blue SKY CONDITIONS START clear END clear
 WIND SPEED START 4-8mph END 5-8mph WIND DIRECTION START ESE END FROM ESE
 AMBIENT TEMPERATURE START 78.2°F END 80.5°F WET BULB TEMP. PERCENT RH 73%



LAT: _____ LONG: _____ DECLINATION _____

AVERAGE OPACITY 0.5% HIGHEST SIX MINUTE INTERVAL 1.0%

ADDITIONAL INFORMATION
x = dump of crushed material into yuke truck ~ 8 tons. several trucks hauling material to asphalt plant stockpiles. No objectionable odors.

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 11-01-99
 ORGANIZATION Central Florida Testing Laboratories, Inc.
 CERTIFIED BY E.T.A. - Tampa DATE 8-1999



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE)
 METHOD 9 203A 203B OTHER:

COMPANY NAME
White Rock Quarries

STREET ADDRESS CITY
2030 Alico Road Ft. Myers

MAILING ADDRESS
Post Office Box 15065

CITY STATE ZIP
V. Palm Beach Florida 33416

PHONE/KEY CONTACT SOURCE PERMIT NUMBER
7775081-001-AC

PROCESS EQUIPMENT OPERATING MODE
P-001 Grizzly Feeder See Below

CONTROL EQUIPMENT OPERATING MODE
Water Spray Bar System -

DESCRIPTION OF EMISSION PT.
Drop from loader to feeder and feeder vibrating material to crusher

DISTANCE TO EMISS. PT.
 START **133'** END **133'** DIRECTION TO EMISS. PT. (DEGREES)
 START **222°** END **222°**

HEIGHT OF EMISS. PT.
 START **~12'** END **~12'** HEIGHT TO EMISS. PT. REL. TO OBSERVER
 START **~9'** END **~9'**

TYPICAL ANGLE TO OBS. PT.
 START **2°** END **2°** DIRECTION TO OBS. PT. (DEGREES)
 START **222°** END **222°**

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT.
 START **same** END **same**

DESCRIPTION OF EMISSIONS
 START **None** END **None**

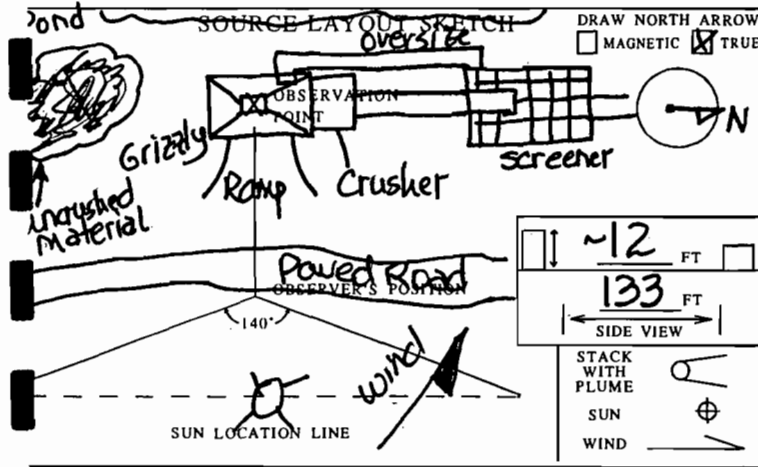
EMISSION COLOR WATER DROPLET PLUME
 START **None** END **None** ATTACHED DETACHED NONE

DESCRIPTION OF PLUME BACKGROUND
 START **sky** END **sky**

BACKGROUND COLOR SKY CONDITIONS
 START **Blue** END **Blue** START **clear** END **clear**

WIND SPEED WIND DIRECTION
 START **5-8mph** END **5-8mph** START **ESE** END **FROM ESE**

AIR TEMPERATURE WET BULB TEMP. PERCENT RH
 START **80.6°F** END **81.2°F** **73%**



LONG: DECLINATION

ADDITIONAL INFORMATION
See Process Weight Determination for Process Weight. No objectionable odors. Crushing reclaimed asphalt & concrete. Water Spray System not needed @ this time.

FORM NUMBER PAGE / OF /

CONTINUED ON VEO NUMBER

OBSERVATION DATE START TIME END TIME
11-01-99 9:20:00am 10:19:45am

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24	0	0	0	0	54	0	0	0	0
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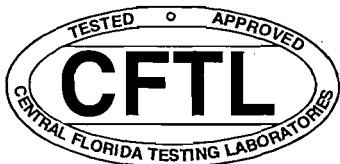
AVERAGE OPACITY **0%** HIGHEST SIX MINUTE INTERVAL **0%**

OBSERVER'S NAME (PRINT)
Bernard A. Ball, Jr.

OBSERVER'S SIGNATURE DATE
Bernard A. Ball, Jr. **11-01-99**

ORGANIZATION
Central Florida Testing Laboratories, Inc.

CERTIFIED BY DATE
E.T.A. - Tampa **8-1999**



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE) METHOD 9 203A 203B OTHER:

FORM NUMBER _____ PAGE 1 OF 1

COMPANY NAME **White Rock Quarries**
 STREET ADDRESS **12030 Alico Road** CITY **Ft. Myers**
 MAILING ADDRESS **Post Office Box 15065**
 CITY **W. Palm Beach** STATE **Florida** ZIP **33416**
 PHONE/KEY CONTACT _____ SOURCE PERMIT NUMBER **7775081-001-AC**

CONTINUED ON VEO NUMBER _____

OBSERVATION DATE 11-01-99 START TIME 10:25:00 am END TIME 11:24:45 am

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29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

PROCESS EQUIPMENT Crushing Unit Epoxy Pre Screener Belt to Screener OPERATING MODE See Below
 CONTROL EQUIPMENT Water Spray Bar System OPERATING MODE _____

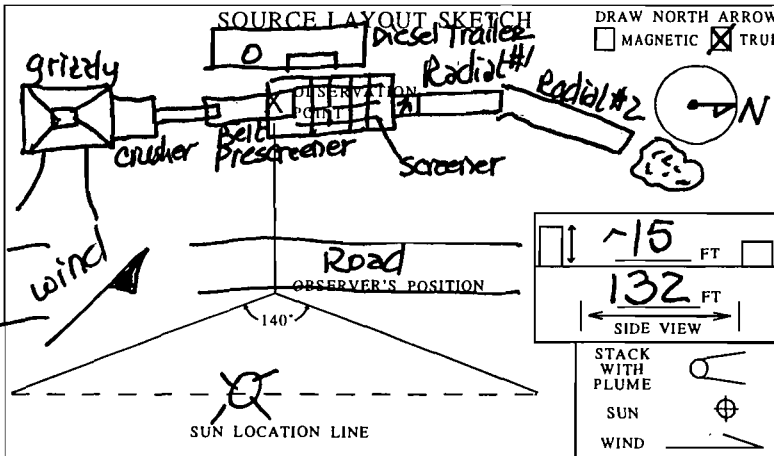
DESCRIBE EMISSION PT. Drop Point from Pre Screener Belt to Screener & Top of Screener

DISTANCE TO EMISS. PT. START 132' END 132' DIRECTION TO EMISS. PT. (DEGREE) START 250° END 250°
 HEIGHT OF EMISS. PT. START ~15' END ~15' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~12' END ~12'

VERTICAL ANGLE TO OBS. PT. START 2° END 2° DIRECTION TO OBS. PT. (DEGREE) START 250° END 250°
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

DESCRIBE EMISSIONS START None END None
 EMISSION COLOR START None END None WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START SKY END SKY
 BACKGROUND COLOR START Blue/white END scattered scattered
 SKY CONDITIONS START scattered END scattered
 WIND SPEED START 5-10 mph END 5-12 mph WIND DIRECTION START ESE END ESE
 AMBIENT TEMPERATURE START 81.5°f END 84.3°f WET BULB TEMP. PERCENT RH 74%

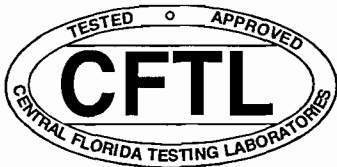


LAT: _____ LONG: _____ DECLINATION _____

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION See Process Weight Section for PW Determination
No objectionable odors. Crushing mixed concrete & asphalt. Water Spray System turned on for ~15 min to demonstrate @ 25psi. Not needed otherwise

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 11-01-99
 ORGANIZATION Central Florida Testing Laboratories, Inc.
 CERTIFIED BY E.T.A. - Tampa DATE 8-1999



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE) METHOD 9 203A 203B OTHER:

FORM NUMBER _____ PAGE 1 OF 1

COMPANY NAME
White Rock Quarries
 STREET ADDRESS
12030 Alico Road CITY
Ft. Myers
 MAILING ADDRESS
Post Office Box 15065
 CITY STATE ZIP
W. Palm Beach Florida 33416
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER
7775081-001-AC

CONTINUED ON VEO NUMBER _____

OBSERVATION DATE 11-01-99 START TIME 10:25:00AM END TIME 11:24:45AM

MIN	SEC				MIN	SEC			
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12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
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17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
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25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

PROCESS EQUIPMENT Crushing unit & Pops OPERATING MODE See Below
Screener to Material Disch. Belt
 CONTROL EQUIPMENT Water Spray Bar System OPERATING MODE See Below

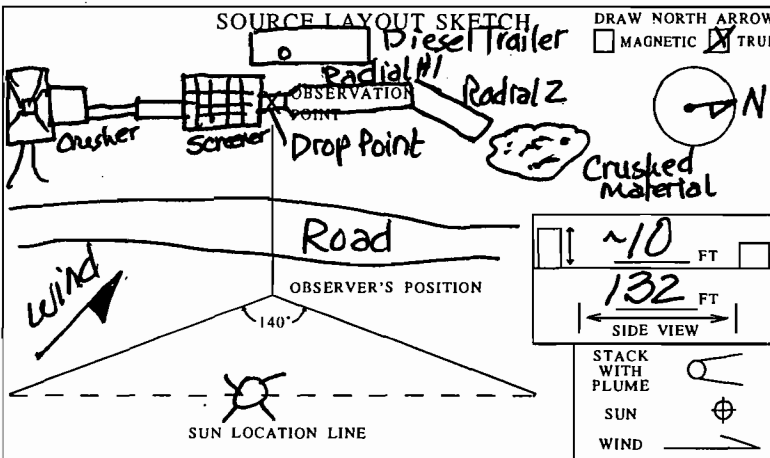
DESCRIBE EMISSION PT.
Drop Point from Vibrating Screener to Screened Material Discharge Belt

DISTANCE TO EMISS. PT. DIRECTION TO EMISS. PT. (DEGREES)
 START 132' END 132' START 252° END 252°
 HEIGHT OF EMISS. PT. HEIGHT TO EMISS. PT. REL. TO OBSERVER
 START ~10' END ~10' START ~7' END ~7'

VERTICAL ANGLE TO OBS. PT. DIRECTION TO OBS. PT. (DEGREES)
 START 10 END 10 START 252° END 252°
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT.
 START same END same

DESCRIBE EMISSIONS
 START None END None
 EMISSION COLOR WATER DROPLET PLUME
 START None END None ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND
 START Diesel Trailer END Diesel Trailer
 BACKGROUND COLOR SKY CONDITIONS
 START Gray END Gray START scattered END scattered
 WIND SPEED WIND DIRECTION FROM
 START 5-10mph END 5-12mph START ESE END ESE
 AMBIENT TEMPERATURE WET BULB TEMP. PERCENT RH
 START 81.5°F END 84.3°F 74%

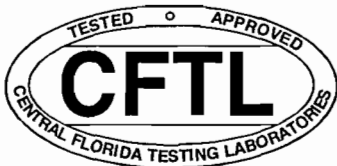


LAT: _____ LONG: _____ DECLINATION _____

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
See Process Weight Section for P10 Determination
No objectionable odors! Crushing mixed concrete & asphalt. Water Spray System turned on at all points @ 25psi ~15min for demonstration, other wise not needed.

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 11-01-99
 ORGANIZATION Central Florida Testing Laboratories, Inc.
 CERTIFIED BY E.T.A. - Tampa DATE 8-1999



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE) METHOD 9 203A 203B OTHER:

COMPANY NAME
White Rock Quarries
 STREET ADDRESS
12030 Alico Road CITY
Ft. Myers
 MAILING ADDRESS
Post Office Box 15065
 CITY STATE ZIP
W. Palm Beach Florida 33416
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER
7775081-001-AC

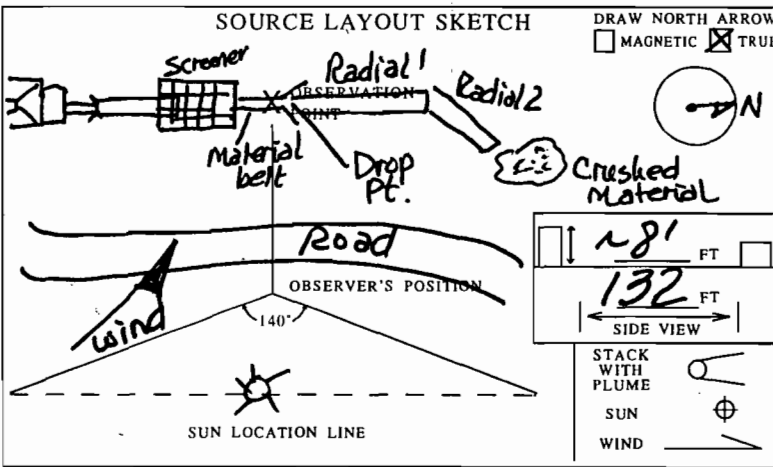
PROCESS EQUIPMENT *Crushing Unit #1* OPERATING MODE *See Below*
Material Discharge to Radial #1
 CONTROL EQUIPMENT *Water Spray Bar System* OPERATING MODE *See Below*

DESCRIBE EMISSION PT.
Drop Point from Screened Material Discharge Belt to Radial Stacker #1
 DISTANCE TO EMISS. PT. START *132'* END *132'* DIRECTION TO EMISS. PT. (DEGREES) START *254°* END *254°*
 HEIGHT OF EMISS. PT. START *~8'* END *~8'* HEIGHT TO EMISS. PT. REL. TO OBSERVER START *~5'* END *~5'*

VERTICAL ANGLE TO OBS. PT. START *0°* END *0°* DIRECTION TO OBS. PT. (DEGREES) START *254°* END *254°*
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START *Same* END *Same*

DESCRIBE EMISSIONS
 START *None* END *None*
 EMISSION COLOR START *None* END *None* WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START *Diesel Trailer* END *Diesel Trailer*
 BACKGROUND COLOR START *Gray* END *Gray* SKY CONDITIONS START *Scattered* END *Scattered*
 WIND SPEED START *5-10mph* END *5-10mph* WIND DIRECTION START *ESE* END *ESE*
 AMBIENT TEMPERATURE START *81.5°F* END *84.3°F* WET BULB TEMP. PERCENT RH *74%*



LAT: LONG: DECLINATION

ADDITIONAL INFORMATION
For Process Weight Determination see PW Section.
No objectionable odors! Crushing mix concrete & asphalt. Water spray bar system turned on at all points @ 25psi ~15min for demonstration

FORM NUMBER PAGE 1 OF 1

CONTINUED ON VEO NUMBER

OBSERVATION DATE *11-01-99* START TIME *10:25:00am* END TIME *11:24:45am*

MIN	SEC	0	15	30	45	MIN	SEC	0	15	30	45
1	0	0	0	0	0	31	0	0	0	0	0
2	0	0	0	0	0	32	0	0	0	0	0
3	0	0	0	0	0	33	0	0	0	0	0
4	0	0	0	0	0	34	0	0	0	0	0
5	0	0	0	0	0	35	0	0	0	0	0
6	0	0	0	0	0	36	0	0	0	0	0
7	0	0	0	0	0	37	0	0	0	0	0
8	0	0	0	0	0	38	0	0	0	0	0
9	0	0	0	0	0	39	0	0	0	0	0
10	0	0	0	0	0	40	0	0	0	0	0
11	0	0	0	0	0	41	0	0	0	0	0
12	0	0	0	0	0	42	0	0	0	0	0
13	0	0	0	0	0	43	0	0	0	0	0
14	0	0	0	0	0	44	0	0	0	0	0
15	0	0	0	0	0	45	0	0	0	0	0
16	0	0	0	0	0	46	0	0	0	0	0
17	0	0	0	0	0	47	0	0	0	0	0
18	0	0	0	0	0	48	0	0	0	0	0
19	0	0	0	0	0	49	0	0	0	0	0
20	0	0	0	0	0	50	0	0	0	0	0
21	0	0	0	0	0	51	0	0	0	0	0
22	0	0	0	0	0	52	0	0	0	0	0
23	0	0	0	0	0	53	0	0	0	0	0
24	0	0	0	0	0	54	0	0	0	0	0
25	0	0	0	0	0	55	0	0	0	0	0
26	0	0	0	0	0	56	0	0	0	0	0
27	0	0	0	0	0	57	0	0	0	0	0
28	0	0	0	0	0	58	0	0	0	0	0
29	0	0	0	0	0	59	0	0	0	0	0
30	0	0	0	0	0	60	0	0	0	0	0

AVERAGE OPACITY *0%* HIGHEST SIX MINUTE INTERVAL *0%*

OBSERVER'S NAME (PRINT) *Bernard A. Ball, Jr.*
 OBSERVER'S SIGNATURE *Bernard A. Ball, Jr.* DATE *11-01-99*
 ORGANIZATION **Central Florida Testing Laboratories, Inc.**
 CERTIFIED BY **E.T.A. - Tampa** DATE **8-1999**



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE) METHOD 9 203A 203B OTHER:

FORM NUMBER _____ PAGE 1 OF 1

COMPANY NAME
White Rock Quarries

STREET ADDRESS CITY
12030 Alico Road Ft. Myers

MAILING ADDRESS
Post Office Box 15065

CITY STATE ZIP
W. Palm Beach Florida 33416

PHONE/KEY CONTACT SOURCE PERMIT NUMBER
7775081-001-AC

CONTINUED ON VEO NUMBER _____

OBSERVATION DATE 11-01-99 START TIME 11:50:00AM END TIME 12:49:45PM

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

PROCESS EQUIPMENT Crushing Unit Epool OPERATING MODE See Below
Stacker #1 to stacker #2

CONTROL EQUIPMENT Water Spray Bar System OPERATING MODE -

DESCRIBE EMISSION PT.
Drop Point from Radial Stacker No. 1 to Radial Stacker No. 2

DISTANCE TO EMISS. PT. START 136' END 136' DIRECTION TO EMISS. PT. (DEGREES) START 268° END 268°

HEIGHT OF EMISS. PT. START ~6' END ~6' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~3' END ~3'

VERTICAL ANGLE TO OBS. PT. START 0° END 0° DIRECTION TO OBS. PT. (DEGREES) START 268° END 268°

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Same END Same

DESCRIBE EMISSIONS
START None END None

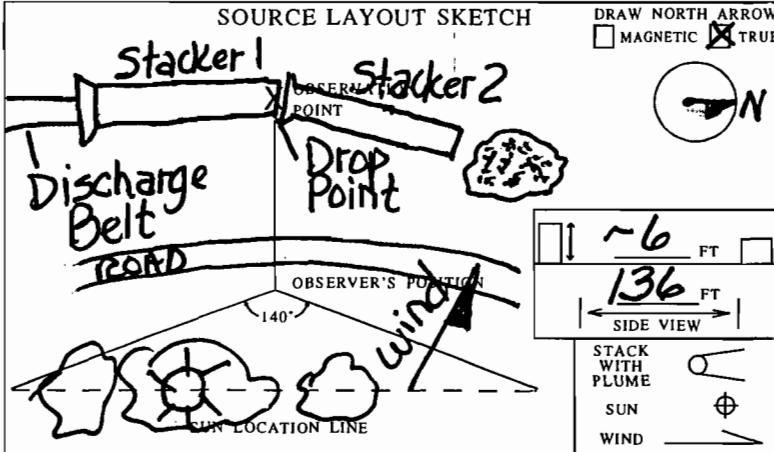
EMISSION COLOR WATER DROPLET PLUME
START None END None ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND
START ground END ground

BACKGROUND COLOR SKY CONDITIONS
START black END black START overcast END overcast

WIND SPEED WIND DIRECTION
START 8-12mph END 8-12mph START ESE END FROM ESE

AMBIENT TEMPERATURE WET BULB TEMP. PERCENT RH
START 85.2°F END 86.7°F 76%

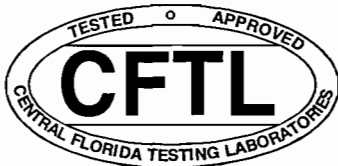


LAT: _____ LONG: _____ DECLINATION _____

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
See Process Weight Determination
No objectionable odors! Crushing mixed concrete & asphalt. Spray System not in operation, not needed.

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball DATE 11-01-99
 ORGANIZATION Central Florida Testing Laboratories, Inc.
 CERTIFIED BY E.T.A. - Tampa DATE 8-1999



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE) METHOD 9 203A 203B OTHER:

FORM NUMBER _____ PAGE 1 OF 1

COMPANY NAME
White Rock Quarries
 STREET ADDRESS CITY
12030 Alico Road Ft. Myers
 MAILING ADDRESS
Post Office Box 15065
 CITY STATE ZIP
W. Palm Beach Florida 33416
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER
7775081-001-AC

CONTINUED ON VEO NUMBER _____

PROCESS EQUIPMENT Crushing Unit EP008 OPERATING MODE
Stacker #2 to Stockpile See Below
 CONTROL EQUIPMENT Water Spray Bar System OPERATING MODE

OBSERVATION DATE 11-01-99 START TIME 11:50:00am END TIME 12:49:45pm

DESCRIBE EMISSION PT.
Drop Point from Radial Stacker No. 2 to Stockpile
 DISTANCE TO EMISS. PT. START END DIRECTION TO EMISS. PT. (DEGREES) START END
131' 131' 284° 284°
 HEIGHT OF EMISS. PT. START END HEIGHT TO EMISS. PT. REL. TO OBSERVER START END
~12' ~12' ~9' ~9'

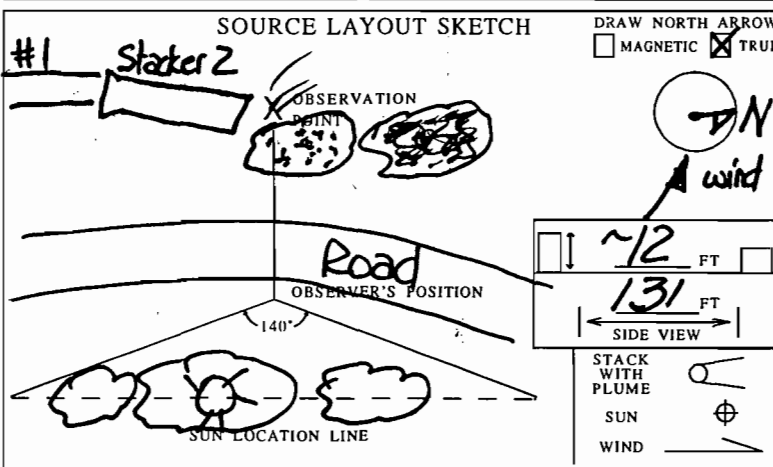
MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45

VERTICAL ANGLE TO OBS. PT. START END DIRECTION TO OBS. PT. (DEGREES) START END
3° 3° 284° 284°
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT.
 START END
SAME SAME

1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	5	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	5	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	5	0	0	38	0	5	5	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	5	40	0	0	0	0
11	5	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	5	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	5	5	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	5	0
21	0	0	0	0	51	0	0	0	0
22	0	0	5	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	5	55	0	5	10	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	5
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	5	0	0	0	60	0	0	0	0

DESCRIBE EMISSIONS occasional fugitives @
wind gust END same
 EMISSION COLOR WATER DROPLET PLUME
 START END ATTACHED DETACHED NONE
lt. gray lt. gray

DESCRIBE PLUME BACKGROUND START END SKY SKY
 BACKGROUND COLOR SKY CONDITIONS
 START END START END
DK. Blue DK. Blue overcast overcast
 WIND SPEED WIND DIRECTION
 START END START END
8-12mph 8-12mph ESE FROM ESE
 AMBIENT TEMPERATURE WET BULB TEMP. PERCENT RH
 START END START END
85.2° 86.7° 76%



LAT: _____ LONG: _____ DECLINATION _____

AVERAGE OPACITY 0.4% HIGHEST SIX MINUTE INTERVAL 0.8%

ADDITIONAL INFORMATION
See Process Weight Statement for PW =
No objectionable odors. Crushing reclaimed
mixed asphalt & concrete. Spray Bar System
not in operation, not needed.

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 11-01-99
 ORGANIZATION Central Florida Testing Laboratories, Inc.
 CERTIFIED BY E.T.A. - Tampa DATE 8-1999



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

METHOD USED (CIRCLE ONE) METHOD 9 203A 203B OTHER:

FORM NUMBER _____ PAGE 1 OF 1

COMPANY NAME
White Rock Quarries
 STREET ADDRESS
12030 Alico Road CITY **Ft. Myers**
 MAILING ADDRESS
Post Office Box 15065
 CITY **W. Palm Beach** STATE **Florida** ZIP **33416**
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER
7775081-001-AC

CONTINUED ON VEO NUMBER _____

OBSERVATION DATE 11-01-99 START TIME 11:50:00am END TIME 12:49:45pm

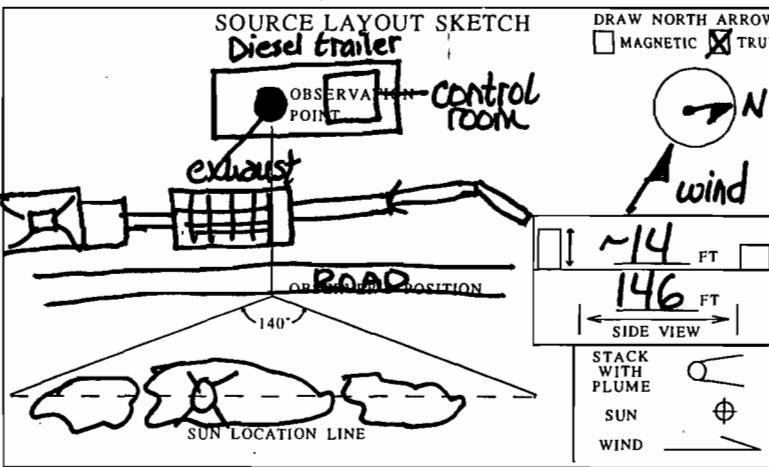
PROCESS EQUIPMENT Crushing unit OPERATING MODE See Below
EP009-Diesel Generator
 CONTROL EQUIPMENT None OPERATING MODE _____

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

DESCRIBE EMISSION PT.
6" exhaust stack exiting top of diesel generator trailer
 DISTANCE TO EMISS. PT. START 146' END 146' DIRECTION TO EMISS. PT. (DEGREES) START 252° END 252°
 HEIGHT OF EMISS. PT. START ~14' END ~14' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~11' END ~11'
 VERTICAL ANGLE TO OBS. PT. START 2° END 2° DIRECTION TO OBS. PT. (DEGREES) START 252° END 252°
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

DESCRIBE EMISSIONS
 START Heat Vapor END Heat Vapor
 EMISSION COLOR START clear END clear WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND
 START SKY END SKY
 BACKGROUND COLOR START Dk. Blue END Dk. Blue SKY CONDITIONS START overcast END overcast
 WIND SPEED START 8-12mph END 8-12mph WIND DIRECTION START ESE END FROM ESE
 AMBIENT TEMPERATURE START 85.2°F END 86.7°F WET BULB TEMP. 76%



LAT: _____ LONG: _____ DECLINATION _____

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
Diesel gen-set consuming No. 2 virgin diesel fuel @ 11.1 gal/hr during test. No objectionable odors. Gen-Set @ maximum output.

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 11-01-99
 ORGANIZATION Central Florida Testing Laboratories, Inc.
 CERTIFIED BY E.T.A. - Tampa DATE 8-1999

III. SUPPLEMENTAL INFORMATION
B. Process Weight Determination



CENTRAL FLORIDA TESTING LABORATORIES, INC.

12625 - 40th Street North - Clearwater, Florida 33762
(727)572-9797 (800)248-CFTL

WHITE ROCK QUARRIES

Reclaimed Asphalt & Concrete Crushing Unit

Initial Emissions Compliance Test

Determination of Process Weight

Date	Run No.	Time		Total Material Crushed (weigh bridge)	
		Start	Stop	Start	Stop
11/01/99	V.E.	8:00 a.m.		0.0	
			11:30 a.m.		860.5
11/01/99	V.E.	11:45 a.m.		0.0	
			1:00 p.m.		307.9

PROCESS WEIGHT

** all material crushed is measured across a weigh bridge

$$Pw = \frac{\text{Total Tons Crushed}}{\text{Total Crushing Time}}$$

Run No.1

$$Pw = \frac{(860.5) \text{ tons}}{3 \text{ hour } 30 \text{ minutes}} = 245.9 \text{ ton/hr}$$

Run No.2

$$Pw = \frac{(307.9) \text{ ton}}{1 \text{ hour } 15 \text{ minutes}} = 246.3 \text{ ton/hr}$$

I certify that the above statements
are true to the best of my
knowledge and belief.


Mr. Jerry Kinkead, Plant Operations Supervisor

III. SUPPLEMENTAL INFORMATION
C. Fuel Analysis (Generator)

REPORT OF LABORATORY ANALYSIS

LAB NO, ML 85402

SAMPLE MARKED: STX 407 after "Mekhanik Yumya"

SAMPLE DATE: 10-27-99

REPORT DATE: 10-28-99

LOCATION: Coastal Refining & Marketing Inc. - Port Manatee

SAMPLE SUBMITTED BY: Intertek Caleb Brett

SAMPLE DESCRIPTION: DIESEL HIGH SULFUR

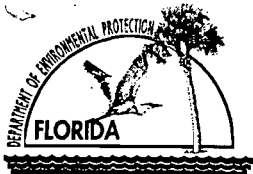
TEST	METHOD	RESULT
API GRAVITY AT 60 F	D1298	33.3
ACID NO.	D974	-----
DENSITY, kg/L AT 15 C	D1298	858.2
FLASH PT, F, PMCC	D93	172
SEDIMENT & WATER, VOL. %	D2709	0
VISCOSITY AT 40 C cSt	D445	3.77
VISCOSITY AT 122 F, cSt	D445	3.05
S.U.S. VISCOSITY AT 100 F	D445	39.1
CLOUD PT., F	D2500	+10
POUR POINT, F	D97	0
SULFUR, WT. %	D4294	0.27
ASH, WT. %	D482	0.001
APPEARANCE	D4176	1-pass
B.T.U./ GAL. HHV	D240	139953
DYE, PPM/PTB	DT-100	12.3/4.3
NITROGEN, PPM	D4629	-----
COMPATIBILITY, SPOT NO.	D4740	-----
CORROSION, COPPER	D130	1a-
CCR 10% BOTTOMS WT. %	D189	0.05
CETANE INDEX, CALCULATED	D976	48
PARTICULATES, mg/L	D2276	7.7
ACCELERATED STABILITY	D2274	-----
DuPONT STABILITY	DuPont	2
DISTILLATION, IBP	D86	380
10% RECOVERED	D86	460
50% RECOVERED	D86	546
90% RECOVERED	D86	630
FINAL BOILING POINT	D86	688
RECOVERY	D86	99.0
RESIDUE	D86	1.0
LOSS	D86	0.0
TRACE METALS	AA	
ALUMINUM, PPM		<0.1
CALCIUM, PPM		<0.1
LEAD, PPM		<0.1
SODIUM, PPM		<0.1
VANADIUM, PPM		<0.1

BY Marie Calhoon
MARIE F. CALHOON, CHEMIST

III. SUPPLEMENTAL INFORMATION
D. Plant Operation & Maintenance
Logs

Location: AFAC - Ft. Myers @ Alice Road

Month / Date	Hours of Operation Crusher		Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator		Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Maintenance Performed & Operating Comments
	Start	Stop				Start	Stop			
Mon.										
Tues. 10/26/99	3:00 pm	7:00 pm	4.0	798.4 499.6 (tpH)	Not Needed NO Dust	3:00 pm	7:00 pm	4.0	48.8 gals (12.2 gal/hr)	Set up plant greased bearings check spray bars & components
Wed. 10/27/99	7:00 AM	8:00 PM	13.0	2509.8 (193.1 tpH)	~20 psi	7:00 AM	8:00 pm	13.0	150.8 gals (11.6 gal/hr)	Grease plant check spray bar function
Thurs. 10/28/99	7:15 AM	10:15 AM	3.0	760.5 (253.5 tpH)	NOT Needed NO Dust	7:15 AM	10:30 AM	3.25	38.8 gals (11.9 gal/hr)	Plant break down - repair screener
Fri. 10/29/99	7:00 AM	2:30 PM	7.5	1902.6 (253.7 tpH)	Not Needed NO Dust	7:00 AM	2:30 pm	7.5	90.0 gals (12.0 gal/hr)	Adjust screener grease plant clean out grizzly Feeder
Sat.	N/A		—							
Sun.	N/A		—							
Weekly Totals:			27.5	5971.3 (217.1 TPH)				27.75	328.4 gals (11.8 gal/hr)	



Department of Environmental Protection **RECEIVED**

Division of Air Resources Management

JAN 18 2000

BUREAU OF AIR REGULATION

NOTIFICATION OF INTENT TO RELOCATE AIR POLLUTANT EMITTING FACILITY

See Instructions for Form No. 62-210.900(6)
Submit to DEP district office for the area in which the facility is to be relocated.

(DEP Note: Update existing facility location data in ARMS. Do not create new facility record.)

Current Facility Information

1. Facility ID: 7775081	2. Permit Number: 7775081-001-AC
3. Facility Owner or Operator: Mr. Jim Hurley, Executive Vice President - White Rock Quarries	
4. Facility Name: White Rock Quarries – Reclaimed Asphalt & Concrete Crushing and Processing Facility	
5. Facility Street Address or Location Description: 4510 Glades Cut Off Road	
6. City: Ft. Pierce	7. County: St. Lucie
8. Shutdown Date at This Location: January 5, 2000	

Proposed New Facility Location

1. Facility Street Address or Location Description: 95th Avenue North (@ Ranger Industries Asphalt Facility) **Advertised Site			
2. City: Royal Palm Beach	3. County: Palm Beach	4. Zip Code: 33411	
5. Facility Coordinates: UTM Zone 17		UTM East or Latitude 26°41.27'N	UTM North or Longitude: 80°11.96' W 80°22.30
6. Startup Date at New Location: January 13th, 2000			
7. Facility Comment:			

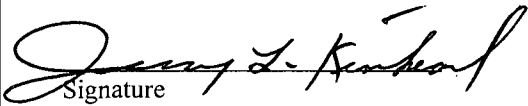
Owner/Authorized Representative or Responsible Official

Name and Title of Owner/Authorized Representative or Responsible Official: Mr. Jerry Kinkead, Manager of Recycle Division		
Organization/Firm: White Rock Quarries		
Street Address or P. O. Box: Post Office Box 15065		
City: West Palm Beach	State: Florida	Zip: 33416
Telephone: (561) 793-2102	Fax: (561) 798-3778	

Facility Contact

Name and Title of Facility Contact: SAME AS ABOVE		
Organization/Firm: SAME AS ABOVE		
Street Address or P. O. Box: SAME AS ABOVE		
City:	State:	Zip:
Telephone:	Fax:	

Certification

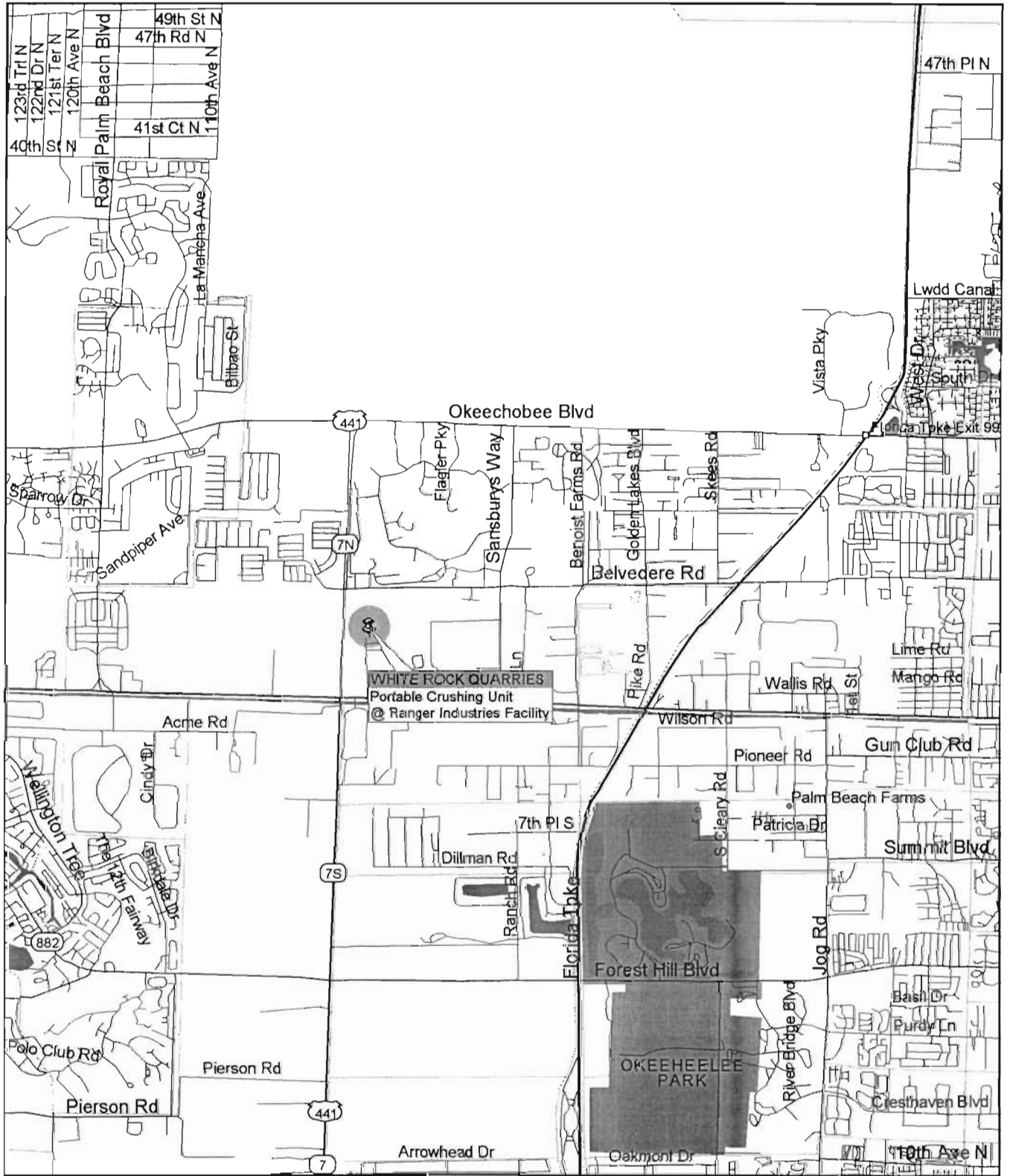
Statement by Owner/Authorized Representative or Responsible Official: <i>I hereby certify that the information given in this report is correct to the best of my knowledge.</i>	
 Signature	<u>1-10-00</u> Date

Supplemental Requirements

1. Provide a scale map (e.g., the relevant portion of a USGS topographic map) showing the proposed new location of the facility and points of air pollutant emissions in relation to residences, roads, and other features of the surrounding area.
2. If relocating to a different DEP district, provide a copy of the most recent compliance test report.

WHITE ROCK QUARRIES - PORTABLE CRUSHING UNIT

Locating to Ranger Industries Facility on 95th Avenue North, Royal Palm



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