Mitchell, Bruce

From: Zhu, Yi
Sent: Friday, August 17, 2001 12:17 PM
To: Mitchell, Bruce
Cc: Fancy, Clair; Sheplak, Scott; Leffler, William
Subject: RE: ARMS update for Angelo's Recycled Materials, Inc.: 7770179-004-AO.

Hi, Bruce. I don't think I replied to this e-mail. I must be confused this one with the AC project and thinking that I did. Anyway, the data looks good. Thank you for reminding me. Yi

-----Original Message-----
From: Mitchell, Bruce
Sent: Wednesday, July 11, 2001 4:06 PM
To: Zhu, Yi
Cc: Fancy, Clair; Sheplak, Scott; Leffler, William
Subject: ARMS update for Angelo's Recycled Materials, Inc.: 7770179-004-AO.

7/11/01

Dear Yi,

Please review the above referenced permitting project for ARMS. Many thanks.

Bruce

Mitchell, Bruce

To: Zhu, Yi
Cc: Fancy, Clair; Sheplak, Scott; Leffler, William
Subject: ARMS update for Angelo's Recycled Materials, Inc.: 7770179-004-AO.

7/11/01

Dear Yi,

Please review the above referenced permitting project for ARMS. Many thanks.

Bruce

State of Florida
Department of Environmental Protection

Interoffice Memo

To:	Howard Rhodes
Through:	Clair Fancy Bruce Mitchell
From:	William Leffler
Re:	Angelo's Recycled Materials, Inc. Final Air Operation Permit No.: 7770179-004-AO Relocatable Rock, Concrete and Construction Debris Crusher Unit 3
Date:	July 3, 2001

Angelo's Recycled Materials, Inc., applied for an Air Operating Permit on May 8, 2001. The appropriate processing fee was received on June 4, 2001, and the application is complete with respect to this permiting action.

I recommend signing the Air Operation Permit, No. 7770179-004-AO.

Angelo's Recycled Materials, Inc.
Aggregate Processing Plant No. 3
P.O. Box 1493
Largo, Florida 33779-1493

NOTICE OF ISSUANCE OF FINAL AIR OPERATION PERMIT

Enclosed is the Final Air Operation Permit, No. 7770179-004-AO, for a diesel engine powered portable concrete, asphalt, and construction debris crusher that will be allowed to operate at sites in those counties designated in Appendix-PC. This permit is issued pursuant to Chapter 403, Florida Statutes (F.S.).

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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this AIR OPERATION PERMIT was sent by certified mail (*) and copies were mailed by U.S. Mail, or electronic mail (as noted) before the close of business on 7/10/01 to the person(s) listed:

James McElvenny(*), Director of Florida Operations, Angelo's Recycled Materials, Inc., P. O. Box 1493, Largo, FL 33779
Bernard A. Ball, Jr., Central Florida Testing Laboratories, Inc., 12625 40th Street North, Clearwater, FL 33762
Ken Roberts, Southern Environmental Sciences, Inc., 1204 N Wheeler Street, Plant City, FL 33566
Len Kozlov, DEP, Central District
Chris Kirts, DEP, Northeast District
Bill Thomas, DEP, Southwest District
Richard Robinson, Regulatory and Environmental Services Department
Jerry Campbell, Hillsborough County Environmental Protection Commission
Peter Hessling, Pinellas County Department of Environmental Management
Marie Driscoll, Orange County Environmental Protection Department

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Barbara J. Friday 7/10/01
(Clerk) (date)

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. James McElvenny
Director of Florida
Operations
Angelo's Recycled Materials
Inc.
P.O. Box 1493
Largo, Florida 33779

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* B. Date of Delivery 7/13/01

C. Signature
X ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 0600 0021 6524 3721

PS Form 3811, July 1999 Domestic Return Receipt 102595-99-M-1789

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:
Mr. James McElvenny

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Name (Please Print Clearly) (to be completed by mailer)
Mr. James McElvenny
Street, Apt. No.; or PO Box No.
P.O. Box 1493
City, State, ZIP+4
Largo, Florida 33779

PS Form 3800, July 1999 See Reverse for Instructions

7000 0600 0021 6524 3721

Department of Environmental Protection

Jeb Bush
Governor

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

PERMITTEE

Angelo's Recycled Materials, Inc.
Aggregate Processing Plant No. 3
P.O. Box 1493
Largo, Florida 33779-1493

FID No.:	7770179
Permit No.:	7770179-004-AO
SIC No.:	1429
Expires:	October 18, 2005

AUTHORIZED REPRESENATIVE:

Jim McElvenny, Director of Florida Operations

PROJECT

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

STATEMENT OF BASIS. This Air 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. Air Construction Permit, No. 7770179-003-AC, was issued October 20, 2000. Initial compliance testing was completed February 20, 2001. The above named permittee is authorized to operate stall the facility in accordance with the conditions of this permit and as described in the application, Air Construction Permit, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

APPENDIX

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 DESCRIPTION AND INFORMATION

FACILITY DESCRIPTION

This facility consists of a 200 tons per hour (TPH) Bohringer, Inc., Model RC14 crusher (on a Cedarrapids chassis) and associated equipment (feeder, screens, and conveyors), and a 545 kilowatt (KW) Caterpillar, Model 3412 diesel powered generator. Fugitive particulate matter emissions throughout the crushing unit are controlled by a water suppression system with spray bars located at the various emissions points throughout the plant. Emissions from the diesel engine powered generator are uncontrolled.

REGULATORY CLASSIFICATION

The crusher portion of this facility is subject to regulations 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.

- 7770179-001-AC (expiration date extended from September 15, 1999, to March 31, 2000)
- 7770179-002-AC (expired March 31, 2000, without application for Air Operation Permit)
- Memo from Hillsborough EPC regarding applicable local regulations
- Notice of intent to issue Air Construction Permit with draft permit clerked on August 16, 2000
- Public Notice published in the Orlando Sentinel on September 2, 2000
- Public Notice published in the St. Petersburg Times on September 1, 2000
- Public Notice published in the Florida Times Union on September 2, 2000
- Affidavits of publication received August 26, 2000
- Supplementary affidavits of publication (satellite counties) received September 25, 2000
- Air Construction Permit, No. 7770179-003-AC, issued October 20, 2000
- Application for Air Operation Permit with Compliance Test Report received on May 8, 2001

PERMITTED COUNTIES

Please see Appendix PC, Permitted Counties, for a list of counties in which the facility will be able to operate. The list of authorized counties may be expanded by an application for a minor modification of the underlying Air Construction Permit, No. 7770179-003-AC, accompanied by the appropriate fee and proof of publication in the additional counties. As these modifications are made, the publication date for the additional authorized counties shall be inserted into Appendix PC of both the Air Construction and Air Operating Permits.

OPERATING LOCATION

The facility will begin its initial operation at 2105 Vulcan Road, Apopka, Orange County, Florida.

SECTION III. FACILITY-WIDE 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 Department's District office or local program that has permitting/compliance jurisdiction over the current or proposed operating location.

2. General Conditions: The owner and operator are subject to and shall operate under the attached General Permit Conditions G.1. through G.15. listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403, F.S.
[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 F.A.C.

   1. 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.]

4, Expiration Date this Air Operation Permit expires on **October 18, 2005**, simultaneously with the underlying Air Construction Permit, No. 7770179-003-AC. Neither this Air Operation Permit nor the underlying Air Construction Permit authorize any further construction or modification of this unit. The underlying Air Construction Permit, No. 7770179-003-AC, remains open for the sole purpose of allowing additional publication of the public notice and expanding the list of authorized counties in Appendix PC
[Rules 62-4.070(4), F.A.C.]

5. Notification of Intent to Relocate: An Air Operation Permit for a relocatable facility shall be amended upon each change of location of the facility. The owner or operator of the facility must submit a Notification of Intent to Relocate Air Pollutant Emitting Facility [DEP Form No. 62-210.900(6)] to the Department's District office and/or, if appropriate, the local program office, at least seven (7) days prior to the change, if the facility would be relocated to a county in which public notice of the proposed operation of the facility had been given within the previous five years pursuant to Rule 62-210.350(1), F.A.C., or otherwise thirty (30) days prior to the change. A separate form shall be submitted for each facility in the case of the relocation of multiple facilities which are jointly owned or operated.

   The notification shall be submitted to the Department's District office and any approved local program office using DEP Form No. 62-210.900(6), along with the appropriate processing fee, and a USGS topographic map showing all potential sites in such county.
   [Rule 62-210.370(1), F.A.C.]

6. Renewal Required: An application to renew the Air Operation Permit must be submitted to the Department's Bureau of Air Regulation in Tallahassee at least 60 days prior to the expiration date of this permit. To renew an operation permit the applicant shall submit the appropriate application form and fee, a report on any physical change or major maintenance to the facility, and compliance reports as required by this permit,
[Rule 62-4.090, F.A.C.]

7. Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the subject facility 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 Chapters 62-4, 62-204, 62-210, 62-212, 62-296, 62-297, F.A.C.; and, the Code of Federal Regulations Title 40, Parts 60 and 61, adopted by reference in Chapter 62-204, F.A.C. Issuance of this permit does not

relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting regulations.
[Rules 62-204.800 and 62-210.300, F.A.C.]

EMISSION LIMITING STANDARDS

8. 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, 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.]

9. 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) Minimum reasonable precautions committed to by the permittee are:
   - Unconfined fugitive particulate matter 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 are watered on a regular basis by a water truck equipped with spray bars to control any unconfined fugitive particulate matter emissions that may be generated by vehicular traffic or prevailing winds.

   (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, 7770179-003-AC]

10. 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. {Permitting Note: No vapor control device was deemed necessary at the time of issuance of this permit.}
   (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
   {Permitting Note: An objectionable odor is defined in Rule 62-210.200, F.A.C., Definitions, 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.}
   [Rules 62-296.320(1)(a) & (2), F.A.C.]

OPERATIONAL REQUIREMENTS

11. 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.]

12. 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 office. 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.]

13. 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.]

14. Hours of Operation: This facility is 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, 7770179-003-AC]

15. Excess Emissions: The following excess emissions provisions can not be used to vary any NSPS requirements (from any subpart of Chapter 40, *Code of Federal Regulations* Part 60 (hereinafter cited in the form: 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.]

    (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.; and, 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.]

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 RECORDKEEPING REQUIREMENTS

21. Duration of Recordkeeping: 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.

    [Rules 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.; and, 40 CFR 60.7]**

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 IV. EMISSIONS UNIT SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions operating under this permit:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	This unit consists of a 200 TPH Bohringer, Inc., Model RC14 impact crusher (on a Cedarrapids chassis) and associated equipment (feeder, screens, and conveyors).
002	545 KW Caterpillar, Model 3412 diesel powered generator.

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.

OPERATIONAL REQUIREMENTS

1. 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 – PTE; and, 7770179-003-AC]
2. Permitted Capacity: The crusher may process up to 200 tons per hour (monthly average) and 624,000 tons per calendar year of material (total).
   [Rule 62-210.200, F.A.C., Definitions – PTE; and, 7770179-003-AC]
3. Operation and Maintenance (O&M): The permittee shall keep an O&M plan for the air pollution control equipment with the facility. An O&M log shall be kept and 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

4. Visible Emissions: The process emission points are subject to visible emissions limits and to the regulations in the Hillsborough County designated air quality maintenance area for particulate matter. When subject to both limits, the more stringent limit takes precedence. The process emission points and their visible emission limits are listed below in Table 1.

Table 1: Process Emission Point Visible Emission Limits

EMISSION POINT	VE LIMIT (% OPACITY) IN AIR QUALITY MAINTENANCE AREAS	VE LIMIT (% OPACITY) PER 40 CFR 60.672
Crusher	5	15*
Portable Belt Conveyor(s)	5	10**
Screen(s)	5	10
Truck Loading/Unloading	5	<20***

* This limit applies since no capture system is used.
** This limit applies to transfer points onto conveyor belts only.
*** Truck loading/unloading is not regulated under 40CFR60, Subpart OOO; however, the General Emission Limit under Rule 62-296.320, F.A.C., applies.

[40 CFR 60.672]

Hillsborough County:

The following area is designated an air quality maintenance area for particulate matter.

That portion of Hillsborough County which falls within the area of the circle having a centerpoint at the intersection of U. S. 41 South and State Road 60 and a radius of 12 kilometers.

The permittee shall not cause, permit or allow any visible emissions (5 percent opacity).

[Rule 62-204.340, F.A.C.; and, Rule 1-3.61, Rules of the Environmental Protection Commission of Hillsborough County]

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 Chapter 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), 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)]

9. Visible Emissions Test Duration - Initial

(a) When determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR 60.672(b), 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:

(i) There are no individual readings greater than 10 percent opacity; and
(ii) There are no more than 3 readings of 10 percent for the 1-hour period.

[40 CFR 60.675(c)(3)(i) & (ii)]

(b) 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:

(i) There are no individual readings greater than 15 percent opacity; and
(ii) There are no more than 3 readings of 15 percent for the 1-hour period.

[40 CFR 60.675(c)(4)(i) & (ii)]

10. Visible Emissions Test Duration – Annual
When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.
[Rule 62-297.310(4)(a)2, F.A.C.]

11. Visible Emissions Test - Emissions Interference: For the method and procedure of 40 CFR 60.675(c), 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 RECORDKEEPING 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) Daily diesel fuel usage.
(d) Maintenance and repair logs for any work performed on the permitted emissions units.
(e) 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.]

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); and, Rules 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, Subpart OOO. 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.
[Rules 62-4.160(14)(a) & (b), F.A.C.]

NSPS GENERAL PROVISIONS

[Note: The numbering of the original rules in the following conditions has been preserved for ease of reference.]

17. 40 CFR 60.7 Notification and Recordkeeping:

(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. 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.

(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. 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 condition 9, 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]

20. 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. 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.

(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]

22. **Prohibited Operations: Asbestos Containing Materials, 40 CFR 61, Subpart M .**

This facility shall **not** process Asbestos Containing Materials (ACM), whether regulated asbestos containing material (RACM), category I or category II, and whether friable or nonfriable when received at the facility.

(1) "Asbestos" means the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthophyllite, and actinolite-tremolite and includes trade acronyms products such as amosite.

(2) "Asbestos-containing materials", ACM, means any materials which contain more than one percent asbestos as determined by Polarized Light Microscopy. Based on a representative composite sample.

(3) "Asbestos removal project" means renovation or demolition operation in a facility that involves the removal of a threshold amount of regulated asbestos-containing material.

(4) "Category I Nonfriable Asbestos-Containing Material (ACM)" means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy.

(5) "Category II Nonfriable ACM" means any material, excluding Category I Nonfriable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
[40 CFR 61, Subpart M; Chapter 62-257, F.A.C.; and, Rules 62-730.300 and 62-701.520, F.A.C.]

23. Restricted/Prohibited Activities: Co-location with other relocatable or stationary source facilities. This relocatable crusher facility is not authorized to operate on the premises of, or adjacent to any other permitted air pollution facility, unless the permit for such other stationary or other relocatable facility includes this crushing unit as an emission unit within such facility's Air Construction and Air Operation Permits.

24. Miscellaneous: The diesel engine is allowed to fire only new No. 2 diesel fuel, or better.
[Rules 62-4.070(3) and 62-210.200, Definitions (PTE), F.A.C.; and, 7770179-003-AC]

APPENDIX GC - GENERAL CONDITIONS

The following general conditions apply to all air permits in Florida:

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, F.S. 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), F.S., 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
(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, F.S.. Such evidence shall only be used to the extend 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 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.

(c) 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.
(d) 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 permittee is authorized to operate in the following counties, where public notice has been published:

Permitted Counties:	Public Notice Published On:	Permitted Counties:	Public Notice Published On:	Permitted Counties:	Public Notice Published On:
Alachua		Hamilton		Okeechobee	
Baker		Hardee		**Orange**	**(3) September 3, 2000**
Bay		Hendry		**Osceola**	**(3) September 3, 2000**
Bradford		**Hernando**	**(1) September 1, 2000**	Palm Beach	
Brevard	**(3) September 3, 2000**	Highlands		**Pasco**	**(1) September 1, 2000**
Broward		**Hillsborough**	**(1) September 1, 2000**	**Pinellas**	**(1) September 1, 2000**
Calhoun		Holmes		Polk	
Charlotte		Indian River		Putnam	
Citrus	**(1) September 1, 2000**	Jackson		St. Johns	
Clay		Jefferson		St. Lucie	
Collier		Lafayette		Santa Rosa	
Columbia		**Lake**	**(3) September 3, 2000**	Sarasota	
Dade		Lee		**Seminole**	**(3) September 3, 2000**
DeSoto		Leon		Sumter	
Dixie		levy		Suwannee	
Duval	**(2) September 5, 2000**	Libery		Taylor	
Escambia		Madison		Union	
Flagler		Manatee		**Volusia**	**(3) September 3, 2000**
Franklin		Marion		Wakulla	
Gasden		Martin		Walton	
Gilchrist		Monroe		Washington	
Glades		Nassau			
Gulf		Okaloosa			

Note: This table reflects the proof of publication received from the (1) St. Petersburg Times, (2) The Florida Times Union, and (3) Orlando Sentinel on the dates indicated in the table above.

ANGELO'S RECYCLED MATERIALS, INC.

Portable Crushing Unit No. 3

FDEP "State-Wide" Operation Permit Application
FDEP Construction Permit No. 7770179-003-AC

May - 2001

Department of Environmental Protection

Division of Air Resources Management

RECEIVED
MAY 14 2001
BUREAU OF AIR REGULATION

APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE

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

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: **ANGELO'S RECYCLED MATERIALS, INC.**	
2. Site Name: ***ANGELO'S RECYCLED MATERIALS, INC. – Portable Crusher No.3***	
3. Facility Identification Number: [ ] Unknown	
4. Facility Location: Street Address or Other Locator: **2105 Vulcan Road** City: **Apopka** County: **Orange** Zip Code: **32703**	
5. Relocatable Facility? [X] Yes [ ] No	6. Existing Permitted Facility? [X] Yes [ ] No

Application Contact

Name and Title of Application Contact: **Mr. Bernard A. Ball, Jr., Director of Environmental Services**
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.

[X] Initial non-Title V air operation permit for one or more newly constructed or modified emissions units.

Current construction permit number: **7770179-003-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. James McElvenny, Director of Florida Operations
2. Owner/Authorized Representative Mailing Address:
   Organization/Firm: **Angelo's Recycled Materials, Inc.**
   Street Address: **Post Office Box 1493**
   City: **Largo** State: **Florida** Zip Code: **33779**
3. Owner/Authorized Representative Telephone Numbers:
   Telephone: **(727) 581-1544** Fax: **(727) 586-5676**
4. Owner/Authorized Representative Statement:

   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.*

   Signature Date 5/9/01

* 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 or to revise or amend construction permit (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 [X], 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.

Signature

5-7-01
Date

(seal)

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

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	Cedarapids Inc. – Raw Material Receiving Hopper / Vibrating Grizzly Feeder System – used to feed uncrushed material to crusher.	AO2B	$1,000.00
002	Bohringer, Inc. Model #RC14 Impact Crushing Unit and Discharge Pan – where crushed material exits crushing unit and falls onto conveyor belt	AO2B	
003	Cedarapids/Simplicity – Vibrating Screening Deck (7' x 20') – used to separate crushed material into a desired size.	AO2B	
004	Crushed Material Feed Conveying System (4' x 30') , used to convey crushed material from crusher to magnet to screen conveyor	AO2B	
005	Pre-Screening Conveying System (4' x 50') – used to convey crushed material from magnet drop point to vibrating screener	AO2B	
006	Radial Stacker Belt No.1 (4'x 80') – drop point were material falls from belt to crushed material stockpile	AO2B	
007	Radial Stacker Belt No.2 (4'x 60') – drop point were material falls from belt to crushed material stockpile	AO2B	
008	Radial Stacker Belt No.3 (4'x 60') – drop point were material falls from belt to crushed material stockpile	AO2B	
009	Emissions from 325 H.P. Caterpillar, Model # 3412 (545kW) Diesel Generator – fired on No.2 virgin diesel fuel used to power all equipment employed by this crushing aggregate unit.	AO2B	N/A
010	Fugitive emissions from paved and unpaved roads.		
011	Fugitives from on site storage piles		

Application Processing Fee

Check one: [**X**] Attached - Amount: $**1000.00** [ ] Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:
This project consists of the application for a FDEP State Wide Operation Permit for a portable Aggregate Crushing & Processing Plant owned and operated by Angelo's Recycled Materials, Inc. and is referred to as Portable Crushing Unit No.3. This crushing unit is currently permitted under FDEP State Wide Construction Permit No. 7770179-003-AC. This crushing unit is located at 2105 Vulcan Road, Apopka, Orange County, Florida. This crushing unit will serve the sole purpose of crushing and processing reclaimed asphalt and concrete that is recycled from the road, buildings, etc. that will be reused in the building or construction industry.

This facility is a natural non-Title V facility and will comply with all FDEP Rules and Regulations.

2. Projected or Actual Date of Commencement of Construction: **NA (existing source)**

3. Projected Date of Completion of Construction: **NA (already constructed)**

Application Comment

This project consists of the application for a FDEP State Wide Operation Permit for a portable Aggregate Crushing & Processing Plant owned and operated by Angelo's Recycled Materials, Inc. and is referred to as Portable Crushing Unit No.3. This crushing unit is currently permitted under FDEP State Wide Construction Permit No. 7770179-003-AC. This crushing unit is located at 2105 Vulcan Road, Apopka, Orange County, Florida. This crushing unit will serve the sole purpose of crushing and processing reclaimed asphalt and concrete that is recycled from the road, buildings, etc. that will be reused in the building or construction industry.

This facility is a natural non-Title V facility and will comply with all FDEP Rules and Regulations.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: (**Portable Unit – Location at present time**) Zone: **17** East (km): **453.98** North (km): **3168.63**			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): **28°38'45" N** Longitude (DD/MM/SS): **81°28'15" W**			
3. Governmental Facility Code: **O**	4. Facility Status Code: **ACTIVE**	5. Facility Major Group SIC Code: **14**	6. Facility SIC(s): **1422**

7. Facility Comment (limit to 500 characters):

This project consists of the application for a FDEP State Wide Operation Permit for a portable Aggregate Crushing & Processing Plant owned and operated by Angelo's Recycled Materials, Inc. This crushing unit is currently permitted under FDEP State Wide Construction Permit No. 7770179-003-AC. This crushing unit is located at 2105 Vulcan Road, Apopka, Orange County, Florida. This crushing unit will serve the sole purpose of crushing and processing reclaimed asphalt and concrete that is recycled from the road, buildings, etc. that will be reused in the building or construction industry.

This facility is a natural non-Title V facility and will comply with all FDEP Rules and Regulations.

Facility Contact

1. Name and Title of Facility Contact:
   Mr. James McElvenny, Director of Florida Operations
2. Facility Contact Mailing Address:
   Organization/Firm: **Angelo's Recycled Products, Inc.**
   Street Address: **Post Office Box 1493**
   City: **Largo** State: **Florida** Zip Code: **33779**
3. Facility Contact Telephone Numbers:
   Telephone: **(904) 527-9671** Fax: **(727) 586-5676**

Facility Regulatory Classifications

Check all that apply:

1. [ ] Small Business Stationary Source?	[X] Unknown
2. [X] Synthetic Non-Title V Source?	
3. [X] Synthetic Minor Source of Pollutants Other than HAPs?	
4. [X] Synthetic Minor Source of HAPs?	
5. [X] One or More Emissions Units Subject to NSPS?	
6. [ ] One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?	
7. Facility Regulatory Classifications Comment (limit to 200 characters):	
Natural Non-Title V Source	

Rule Applicability Analysis

This facility is subject to the rules and provisions of 40 CFR 60, subpart 000.

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. Requested Emissions Cap lb/hour	tons/year	4. Basis for Emissions Cap	5. Pollutant Comment
PM10	**SM**	**NA**	**NA**	**RULE**	**<10% opacity from drop points, storage**
PM	**SM**	**NA**	**NA**	**RULE**	**Piles, <15% from crusher**
SO2	**SM**	**NA**	**NA**	**RULE**	**Emissions from diesel generator**
NOx	**SM**	**NA**	**NA**	**RULE**	**Subject to opacity limitations only**
CO	**SM**	**NA**	**NA**	**RULE**	**FAC 62-296.310**
TOC	**SM**	**NA**	**NA**	**RULE**	"

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: [**X**] Attached, Document ID:___**I**____ [ ] Not Applicable [ ] Waiver Requested
2. Facility Plot Plan: [**X**] Attached, Document ID:__**II**____ [ ] Not Applicable [ ] Waiver Requested
3. Process Flow Diagram(s): [**X**] Attached, Document ID:__**III**____[ ] Not Applicable [ ] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [**X**] Attached, Document ID:__**IV**____[ ] Not Applicable [ ] Waiver Requested
5. Supplemental Information for Construction Permit Application: [ ] Attached, Document ID:_____ [**X***] Not Applicable ***__On File with FDEP__
6. Supplemental Requirements Comment:

EMISSIONS ID. NO. 001

Cedarapids/Simplicity – Grizzly Feeder

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Cedarapids/Simplicity Inc. – Raw Material Receiving Hopper / Vibrating Grizzly Feeder System – used to feed uncrushed material to crusher.

3. Emissions Unit Identification Number:
ID: **001**
[ ] No ID
[ ] ID Unknown

3. Emissions Unit Status Code:	4. Initial Startup Date:	5. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**14**

6. Emissions Unit Comment: (Limit to 500 Characters):

THIS AGGREGATE PROCESSING UNIT WILL CRUSH AND SCREEN RECLAIMED ASPHALT AND CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY EMISSIONS OCCUR, THE MATERIAL INTRODUCED TO THE GRIZZLY FEEDER WILL BE SPRAYED WITH WATER IN IT'S STOCKPILE AND AT THE FEEDER, AS TO CONTROL ANY EMISSIONS THAT MAY BE GENERATED.

Emissions Unit Information Section __1___ of __11___
Receiving Hopper – Vibrating Grizzly Feeder

Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method):

ANY EMISSIONS THAT MAY BE GENERATED BY DUMPING OF UNCRUSHED MATERIAL INTO RECEIVING HOPPER AND VIBRATION OF MATERIAL BY GRIZZLY FEEDER INTO CRUSHER ARE CONTROLLED AT THIS FACILITY BY DAMPENING MATERIAL IN IT'S STOCKPILES AND IN THE FEEDER AS NEEDED AS TO CONTROL GENERATION OF FUGITIVES

2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **RAW MATERIAL RECEIVING HOPPER / VIBRATING GRIZZLY FEEDER SYSTEM**
   Manufacturer: **CEDARAPIDS/SIMPLICITY, INC.** Model Number: **NA**
2. Generator Nameplate Rating: MW
3. Incinerator Information:
   Dwell Temperature: °F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: mmBtu/hr
2. Maximum Incineration Rate: lb/hr tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**
5. Requested Maximum Operating Schedule:
   10 hours/day **6** days/week
   52 weeks/year **3120** hours/year
7. Operating Capacity/Schedule Comment (limit to 200 characters):

Dampened, uncrushed reclaimed asphalt material is fed into the material receiving hopper and grizzly feeder of the plant where any fugitive emissions generated are controlled by dampening of materials in the stockpile and in the grizzly feeder / receiving to control any emissions that may be generated.

Emissions Unit Information Section __1___ of __11___
Receiving Hopper – Vibrating Grizzly Feeder

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **001 (Grizzly Feeder)**	2. Emission Point Type Code: **4**

3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):
NONE

3. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
NONE

4. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %

11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: **~15** FEET

13. Emission Point UTM Coordinates: **(Relocatable source figures below are location now)**

Zone: **17** East (km): **453.98** North (km): **3168.63**

14. Emission Point Comment (limit to 200 characters):

EMISSIONS POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
Cedarapids/Simplicity, Inc. – Raw Material Recieving Hopper / Vibrating Grizzly Feeder System – used to feed uncrushed material to crusher.		
1. Source Classification Code (SCC): **30502511**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	5. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Emissions Unit Information Section ___1___ **of** __11____

Pollutant Detail Information Page ___1___ **of** __1____

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.42 lb/hr & 0.65 ton/hr** **PM = 0.88 lb/hr & 1.36 ton/hr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.0021 lb/ton Table 11.19.2-2 & footnote c** Reference: **AP-42**		8. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **PM10 = (200 lb/ton)(0.0021 lb/ton) = 0.42 lb/hr** **$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0021 lb/ton)] / 2000 lb/ton = 0.65 ton/yr** **PM = [(200 lb/ton)(0.0021 lb/ton)] (2.1) = 0.88 lb/hr** **$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0021 lb/ton)] / 2000 lb/ton (2.1) = 1.36 ton/yr**		
11. Pollutant Potential Emissions Comment (limit to 200 characters): **Raw Material Receiving Hopper / Grizzly Feeder – subject to 40 CFR 60, subpart 000 rules and regulations.**		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [**X**] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **<10%** Exceptional Conditions: **<10%** Maximum Period of Excess Opacity Allowed: **0** min/hour	
4. Method of Compliance: **Initial and Annual Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [**X**] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [**X**] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [**X**] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [**X**] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [ ] Attached, Document ID:_____ [**X**] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [**X**] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 002

Bohringer Model RC14 Impact Crusher

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

9. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Bohringer, Inc. Model #RC14 Impact Crusher and Discharge Pan – where crushed material exits crushing unit and falls onto conveyor belt.

3. Emissions Unit Identification Number:
ID: **002**

[ ] No ID
[ ] ID Unknown

10. Emissions Unit Status Code:	11. Initial Startup Date:	12. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**14**

13. Emissions Unit Comment: (Limit to 500 Characters):

THIS AGGREGATE PROCESSING UNIT WILL CRUSH AND SCREEN RECLAIMED ASPHALT AND CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY EMISSIONS OCCUR THE MATERIAL INTRODUCED TO THE GRIZZLY FEEDER WILL BE SPRAYED WITH WATER IN IT'S STOCKPILE AND AT THE FEEDER, AS TO CONTROL ANY EMISSIONS THAT MAY BE GENERATED.

Emissions Unit Control Equipment

6. Control Equipment/Method Description (limit to 200 characters per device or method):

ANY EMISSIONS THAT MAY BE GENERATED BY CRUSHING AND DISCHARGING OF UNCRUSHED MATERIAL ONTO DISCHARGE PAN AND CONVEYOR BELT INTO CRUSHER ARE CONTROLLED AT THIS FACILITY BY DAMPENING MATERIAL IN IT'S STOCKPILE AND IN THE GRIZZLY FEEDER AS NEEDED AS TO CONTROL GENERATION OF FUGITIVES

2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **CRUSHER / DISCHARGE PAN**
   Manufacturer: **BOHRINGER, INC.** Model Number: **RC14**
2. Generator Nameplate Rating: MW
3. Incinerator Information:
   Dwell Temperature: °F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: mmBtu/hr
2. Maximum Incineration Rate: lb/hr tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**
5. Requested Maximum Operating Schedule:
   10 hours/day **6** days/week
   52 weeks/year **3120** hours/year

14. Operating Capacity/Schedule Comment (limit to 200 characters):

Dampened, uncrushed reclaimed asphalt material is fed into the crusher from the receiving hopper and grizzly feeder of the plant where it is crushed and discharged to the discharge pan where it fall onto a conveyor belt. Any fugitive emissions generated are controlled by dampening of the material before it enters the grizzly feeder and crusher as needed.

Emissions Unit Information Section __2___ of __11___
Bohringer, Inc. - Model RC14 Impact Crusher

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **002 (Cone Crusher)**	7. Emission Point Type Code: **4**

3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):
NONE

8. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
NONE

9. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %

11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: ~7 FEET

13. Emission Point UTM Coordinates: **(Relocatable unit figures below are location now)**
Zone: **17** East (km): **453.98** North (km): **3168.63**

14. Emission Point Comment (limit to 200 characters):

EMISSIONS POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL.

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **Bohringer, Inc. – Portable Impact Crushing Unit Model RC14 – Crusher Discharge Pan/Belt. (Material Handling – Emissions related to dropping material out of crusher onto belt.)**		
2. Source Classification Code (SCC): **30502003**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	10. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Emissions Unit Information Section __2__ of _11__

Pollutant Detail Information Page __1__ of _1__

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.48 lb/hr & 0.75 ton/hr** **PM = 1.01 lb/hr & 1.57 ton/hr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.0024 lb/ton** Reference: **AP-42 (Table 11.19.2-2 controlled) and footnote © for PM Emissions**		15. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

PM10 = (200 lb/ton)(0.0024 lb/ton) = 0.48 lb/hr

$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0024 lb/ton)] / 2000 lb/ton = 0.75 ton/yr

PM = [(200 lb/ton)(0.0024 lb/ton)] (2.1) = 1.01 lb/hr

$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0024 lb/ton)] / 2000 lb/ton (2.1) = 1.57 ton/yr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Crusher and Discharge Pan – subject to 40 CFR 60, subpart 000 rules and regulations.

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual Compliance Test**
3. Requested Allowable Emissions and Units: **< 15 % Opacity**	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters): **Annual EPA Method 9 Compliance Testing**	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **<15%** Exceptional Conditions: **<15%** Maximum Period of Excess Opacity Allowed: **0** min/hour	
4. Method of Compliance: **Initial and Annual Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [X] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [X] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [X] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Operation Permit Application [ ] Attached, Document ID: **VIII** [X] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 003

Cedarapids/Simplicity Vibrating Screener

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

16. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Cedarapids, Inc. – Triple Deck Vibrating Screener – Vibrating Screener to Screener Discharge Conveying System (drop point from Vibrating Screener to Screener Discharge Conveying System)

3. Emissions Unit Identification Number:
ID: **003**
[ ] No ID
] ID Unknown

17. Emissions Unit Status Code:	18. Initial Startup Date:	19. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**14**

20. Emissions Unit Comment: (Limit to 500 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 being dampened in it's stockpile and in the grizzly feeder.

Emissions Unit Information Section __3___ of __11___
Cedarapids – Triple Deck Vibrating Screener
Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method): **The fugitive emissions generated from this drop point where crushed material leaves the vibrating screener and is dropped onto the two Radial Stacker Belts are controlled by a water spray bar system on a as needed basis, mounted in this area. This material is still moist enough as to cause little to no fugitive emissions at this drop point. This material is still moist from being dampened in it's stockpile and in the grizzly feeder.**
2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **TRIPLE DECK VIBRATING SCREENER** Manufacturer: **CEDARAPIDS**	Model Number: **7 x 20**	
2. Generator Nameplate Rating:	MW	
3. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:		°F seconds °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:		mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**		
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**		
5. Requested Maximum Operating Schedule:		
10 hours/day		**6** days/week
52 weeks/year		**3120** hours/year
21. Operating Capacity/Schedule 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 two Radial Stacker Belts are controlled by a water spray bar system on a as needed basis, mounted in this area. This material is still moist enough as to cause little to no fugitive emissions at this drop point. This material is still moist from being dampened in it's stockpile and in the grizzly feeder.**		

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **003 (Vibrating Screener)**	11. Emission Point Type Code: **4**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NONE**	
12. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NONE**	

13. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %

11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: **~10** FEET

13. Emission Point UTM Coordinates: **(unit figures below are present location)**

Zone: **17** East (km): **453.98** North (km): **3168.63**

14. Emission Point Comment (limit to 200 characters):

EMISSIONS POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL.

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
Cedarapids, Inc. – Portable Crushing Unit – Triple Deck Vibrating Screener to Screened Material Discharge Belt. (Material Handling – Emissions related to conveying of reclaimed crushed material). Portable Cone (Material Handling - Emissions related to dropping material out of screener onto belt.)		
3. Source Classification Code (SCC): **30502003**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	14. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Emissions Unit Information Section ___3___ **of** __11____

Pollutant Detail Information Page ___1___ **of** __1____

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.42 lb/hr, 0.96 ton/yr** **PM = 0.88 lb/hr, 1.38 ton/yr**		7. Synthetically Limited? [X]
8. Emission Factor: **0.0021 lb/ton** Reference: **AP-42 (Table 11.19.2-2 controlled) and footnote © for PM Emissions**		22. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **$PM10_{yearly}$ = [(200 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] / (2000 lb/ton) = 0.66 ton/yr** **$PM10_{hour}$ = [(200 ton/hr)(0.0021 lb/ton)] = 0.42 lb/hr** **TSP_{yearly} = [(200 ton/hr)(3120 hr/yr)(0.0021 lb/ton)] (2.1) / (2000 lb/ton) = 1.38 ton/yr** **TSP_{hour} = [(200 ton/hr)(0.0021 lb/ton)] (2.1) = 0.88 lb/hr**		
11. Pollutant Potential Emissions Comment (limit to 200 characters): **Vibrating Screener – subject to 40 CFR 60, subpart 000 rules and regulations.**		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [**X**] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **<10%** Exceptional Conditions: **<10%** Maximum Period of Excess Opacity Allowed: **0** min/hour	
4. Method of Compliance: **Initial and Annual Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number:	Serial Number:
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [**X**] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [**X**] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [**X**] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [**X**] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Operation Permit Application [**X**] Attached, Document ID: **VIII** [**X**] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [**X**] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 004

Crushed Material Feed Conveying System

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

23. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Feed Conveyor Transfer Point – Transfer Point where metal is extracted from crushed material drops to the pre-screener conveyor belt. (drop point from feed conveyor belt to pre-screener)

3. Emissions Unit Identification Number: ID: **004**		[ ] No ID] ID Unknown
24. Emissions Unit Status Code: **ACTIVE**	25. Initial Startup Date: **UNKNOWN**	26. Emissions Unit Major Group SIC Code: **14**

27. Emissions Unit Comment: (Limit to 500 Characters):

The fugitive emissions generated from this drop point where crushed material leaves the feed conveyor, any metal is extracted by a magnet, and is dropped onto the pre-screener transfer belt. Any emissions generated at this point will be controlled by the water spray bar system on a as needed basis, mounted in this area if needed. 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 it's stockpile.

Emissions Unit Information Section __4___ of __11___
Material Feed Conveyor Drop Point
Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method): **The fugitive emissions generated from this drop point where crushed material leaves the feed conveyor and is dropped onto the pre-screener belt will be controlled by the water spray bar system on a as needed basis, mounted in this area. 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 it's stockpile.**
2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **Material Feed Conveyor Drop Point to Pre-Screener Conveyor** Manufacturer: **Bohringer** Model Number: **RC14**		
2. Generator Nameplate Rating:	MW	
3. Incinerator Information:		
Dwell Temperature:		°F
Dwell Time:		seconds
Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:		mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**		
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**		
5. Requested Maximum Operating Schedule:		
10 hours/day		**6** days/week
52 weeks/year		**3120** hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters): **The fugitive emissions generated from this drop point where crushed material leaves the feed conveyor and is dropped onto the pre-screener belt will be controlled by the water spray bar system on a as needed basis, mounted in this area. 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 it's stockpile.**		

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **004 (Material Conveyor Drop Pt.)**		15. Emission Point Type Code: **4**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NONE**		
16. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NONE**		
17. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: **~4** FEET
13. Emission Point UTM Coordinates: **(unit figures below are for Vulcan Road Location)** Zone: **17** East (km): **453.98** North (km): **3168.63**		
14. Emission Point Comment (limit to 200 characters): **EMISSIONS AT THIS DROP POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL.**		

Emissions Unit Information Section __4___ of __11___
Material Feed Conveyor Drop Point

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
Bohringer, Inc. – Portable Crushing Unit – Material Feed Conveyor Drop Point to Pre-Screener Conveyor. (Material Handling - Emissions related to conveying of reclaimed crushed material from one belt to another)		
4. Source Classification Code (SCC): **30502006**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	18. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.28 lb/hr, 0.44 ton/yr** **PM = 0.59 lb/hr, 0.92 ton/yr**		7. Synthetically Limited? [X]
8. Emission Factor: **0.0014 lb/ton** Reference: **AP-42 (Table 11.19.2-2 uncontrolled) and footnote © for PM Emissions (worst case scenario)**		28. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

$PM10_{yearly}$ = [(200 ton/hr)(3120 hr/yr)(0.0014 lb/ton)] / (2000 lb/ton) = 0.44 ton/yr
$PM10_{hour}$ = [(200 ton/hr)(0.0014 lb/ton)] = 0.28 lb/hr

TSP_{yearly} = [(200 ton/hr)(3120 hr/yr)(0.0014 lb/ton)] (2.1) / (2000 lb/ton) = 0.92 ton/yr
TSP_{hour} = [(200 ton/hr)(0.0014 lb/ton)] (2.1) = 0.59 lb/hr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Material Feed Drop Point – subject to 40 CFR 60, subpart 000 rules and regulations.

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [X] Rule [ ] 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 Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number:	Serial Number:
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [**X**] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [**X**] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [**X**] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [**X**] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Operation Permit Application [**X**] Attached, Document ID: **VIII** [**X**] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [**X**] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 005

Pre-Screening Conveying System

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

29. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Pre-Screening Conveyor Drop – Drop Point where crushed material drops to the pre-screener conveyor belt to vibrating screener.

3. Emissions Unit Identification Number: ID: **005**		[ ] No ID [ ] ID Unknown
30. Emissions Unit Status Code: **ACTIVE**	31. Initial Startup Date: **UNKNOWN**	32. Emissions Unit Major Group SIC Code: **14**

33. Emissions Unit Comment: (Limit to 500 Characters):

The fugitive emissions generated from this drop point where crushed material leaves the pre-screener and is dropped onto the vibrating triple deck screener. Any emissions generated at this point will be controlled by the water spray bar system on an as needed basis, mounted in this area of the previous drop point if needed. 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 it's stockpile.

Emissions Unit Information Section __5___ of __11___
Pre-Screening Material Conveyor Drop Point
Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method):
The fugitive emissions generated from this drop point where crushed material leaves the pre-screener and is dropped onto the vibrating triple deck screener. Any emissions generated at this point will be controlled by the water spray bar system on an as needed basis, mounted in this area of the previous drop point if needed. 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 it's stockpile.

2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **Pre-Screener Conveyor Drop Point to Triple Deck Vibrating Screener**
Manufacturer: **Bohringer** Model Number: **RC14**
2. Generator Nameplate Rating: MW
3. Incinerator Information:
Dwell Temperature: °F
Dwell Time: seconds
Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: mmBtu/hr
2. Maximum Incineration Rate: lb/hr tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**
5. Requested Maximum Operating Schedule:
10 hours/day **6** days/week
52 weeks/year **3120** hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):
The fugitive emissions generated from this drop point where crushed material leaves the pre-screener and is dropped onto the vibrating triple deck screener. Any emissions generated at this point will be controlled by the water spray bar system on an as needed basis, mounted in this area of the previous drop point if needed. 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 it's stockpile.

Emissions Unit Information Section __5___ of __11___
Pre-Screening Material Conveyor Drop Point

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **005 (Pre-Screener Conveyor Drop Pt.)**		19. Emission Point Type Code: **4**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NONE**		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NONE**		
5. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: **~10** FEET
13. Emission Point UTM Coordinates: **(unit figures below are for Vulcan Road Location)** Zone: **17** East (km): **453.98** North (km): **3168.63**		
14. Emission Point Comment (limit to 200 characters): **EMISSIONS AT THIS DROP POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL.**		

Emissions Unit Information Section __5___ of __11___
Pre-Screening Material Conveyor Drop Point

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
Bohringer, Inc. – Portable Crushing Unit – Pre-Screener Feed Conveyor Drop Point to Triple Deck Vibrating Screener. (Material Handling - Emissions related to conveying of reclaimed crushed material from one belt to another object.)		
5. Source Classification Code (SCC): **30502006**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	20. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.28 lb/hr, 0.44 ton/yr** **PM = 0.59 lb/hr, 0.92 ton/yr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.0014 lb/ton** Reference: **AP-42 (Table 11.19.2-2 uncontrolled) and footnote © for PM Emissions (worst case scenario)**		34. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

$PM10_{yearly}$ = [(200 ton/hr)(3120 hr/yr)(0.0014 lb/ton)] / (2000 lb/ton) = 0.44 ton/yr
$PM10_{hour}$ = [(200 ton/hr)(0.0014 lb/ton)] = 0.28 lb/hr

TSP_{yearly} = [(200 ton/hr)(3120 hr/yr)(0.0014 lb/ton)] (2.1) / (2000 lb/ton) = 0.92 ton/yr
TSP_{hour} = [(200 ton/hr)(0.0014 lb/ton)] (2.1) = 0.59 lb/hr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Material Feed Drop Point – subject to 40 CFR 60, subpart 000 rules and regulations.

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [**X**] Rule [ ] 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 Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [X] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [X] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [X] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Operation Permit Application [X] Attached, Document ID: **VIII** [X] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 006

Emissions From Radial Stacker Belt No.1

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):

Drop Point from Radial Stacker No.1 to Stockpile – where crushed material leaves radial stacker belt to stockpile

3. Emissions Unit Identification Number: [ ] No ID
ID: **006**

35. Emissions Unit Status Code:	36. Initial Startup Date:	37. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**14**

38. Emissions Unit Comment: (Limit to 500 Characters):

CRUSHED RECLAIMED ASPHALT & CONCRETE WILL TRAVEL ALONG THE RADIAL STACKER BELT TO BE STOCKPILED FOR FUTURE USE AT CONSTRUCTION SITES. THE ENTIRE AGGREGATE PROCESSING UNIT WILL CRUSH AND CONVEY RECLAIMED ASPHALT & CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY OCCUR THE MATERIAL WILL BE SPRAYED AND DAMPENED THROUGHT THE CRUSHING AND PROCESSING PROCESS AS TO CONTROL ANY EMISSIONS GENERATED.

Emissions Unit Information Section __6___ of __11___
Radial Stacker Conveyor No.1 Drop Point to Storage Piles
Emissions Unit Control Equipment

21. Control Equipment/Method Description (limit to 200 characters per device or method): **ANY EMISSIONS THAT MAY BE GENERATED ARE CONTROLLED AT THIS FACILITY BY DAMPENING MATERIAL THROUGHOUT THE CRUSHING AND AGGREGATE PROCESSING PROCESS AS NEEDED TO CONTROL GENERATION OF FUGITIVES.**
2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **RADIAL STACKER BELT NO.1** Manufacturer: **SELF FABRICATED**	Model Number: **NA**	
2. Generator Nameplate Rating:	MW	
3. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:		°F seconds °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:		mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**		
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**		
5. Requested Maximum Operating Schedule: **10** hours/day **52** weeks/year		**6** days/week **3120** hours/year

39. Operating Capacity/Schedule Comment (limit to 200 characters):
CRUSHED RECLAIMED ASPHALT & CONCRETE WILL TRAVEL ALONG THE RADIAL STACKER BELT TO BE STOCKPILED FOR FUTURE USE AT CONSTRUCTION SITES. THE ENTIRE AGGREGATE PROCESSING UNIT WILL CRUSH AND CONVEY RECLAIMED ASPHALT & CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY OCCUR THE MATERIAL WILL BE SPRAYED AND DAMPENED THROUGHT THE CRUSHING AND PROCESSING PROCESS AS TO CONTROL ANY EMISSIONS GENERATED. THIS RADIAL STACKER WILL NOT ALWAYS CARRY THE FULL LOAD OF 200 TPH AS THE OTHER RADIAL STACKER WILL CARRY PART OF THIS LOAD DEPENDENT ON MATERIAL SIZING.

Emissions Unit Information Section __6___ of __11___
Radial Stacker Conveyor No.1 Drop Point to Storage Piles

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **006 (Radial Stacker)**	22. Emission Point Type Code: **4**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NONE**	
23. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NONE**	

24. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %

11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: **~2-15** FEET
13. Emission Point UTM Coordinates **(unit figures below are for Vulcan Road Location)** Zone: **17** East (km): **453.98** North (km): **3168.63**	
14. Emission Point Comment (limit to 200 characters): **EMISSIONS POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL.**	

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
Self Fabricated – Radial Stacker Belt No.1 – Material Drop Point to Stockpile (Material Handling – Emissions related to conveying and dropping of material.)		
6. Source Classification Code (SCC): **30502006**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	25. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

EMISSIONS UNIT NO. 6 of 11
Radial Stacker Belt No.1 – Drop Point to Storage Pile

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.28 lb/hr & 0.44 ton/hr** **PM = 0.59 lb/hr & 0.92 ton/hr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.0014 lb/ton** Reference: **AP-42 (Table 11.19.2-2 uncontrolled) and footnote © for PM Emissions (worst case scenario)**		40. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

PM10 = (200 lb/ton)(0.0014 lb/ton) = 0.28 lb/hr
$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0014 lb/ton)] / 2000 lb/ton = 0.44 ton/yr

PM = [(200 lb/ton)(0.0014 lb/ton)] (2.1) = 0.59 lb/hr

$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0014 lb/ton)] / 2000 lb/ton (2.1) = 0.92 ton/yr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Radial Stacker Belt – subject to 40 CFR 60, subpart 000 rules and regulations.

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):

EMISSIONS UNIT NO. 6 of 11
Radial Stacker Belt No.1 – Drop Point to Storage Pile

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [**X**] Rule [ ] 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 Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

EMISSIONS UNIT NO. 6 of 11
Radial Stacker Belt No.1 – Drop Point to Storage Pile

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [X] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [X] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [X] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Operation Permit Application [X] Attached, Document ID: **VIII** [ ] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 007

Emissions From Radial Stacker Belt No.2

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):

Drop Point from Radial Stacker No.2 to Stockpile – where crushed material leaves radial stacker belt to stockpile

3. Emissions Unit Identification Number: [ ] No ID
ID: **007**

41. Emissions Unit Status Code:	42. Initial Startup Date:	43. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**14**

44. Emissions Unit Comment: (Limit to 500 Characters):

CRUSHED RECLAIMED ASPHALT & CONCRETE WILL TRAVEL ALONG THE RADIAL STACKER BELT TO BE STOCKPILED FOR FUTURE USE AT CONSTRUCTION SITES. THE ENTIRE AGGREGATE PROCESSING UNIT WILL CRUSH AND CONVEY RECLAIMED ASPHALT & CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY OCCUR THE MATERIAL WILL BE SPRAYED AND DAMPENED THROUGHT THE CRUSHING AND PROCESSING PROCESS AS TO CONTROL ANY EMISSIONS GENERATED.

Emissions Unit Control Equipment

26. Control Equipment/Method Description (limit to 200 characters per device or method):

ANY EMISSIONS THAT MAY BE GENERATED ARE CONTROLLED AT THIS FACILITY BY DAMPENING MATERIAL THROUGHOUT THE CRUSHING AND AGGREGATE PROCESSING PROCESS AS NEEDED TO CONTROL GENERATION OF FUGITIVES.

2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **RADIAL STACKER BELT NO.2**
   Manufacturer: **SELF FABRICATED** Model Number: **NA**
2. Generator Nameplate Rating: MW
3. Incinerator Information:
   Dwell Temperature: °F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: mmBtu/hr
2. Maximum Incineration Rate: lb/hr tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**
5. Requested Maximum Operating Schedule:
   10 hours/day **6** days/week
   52 weeks/year **3120** hours/year

45. Operating Capacity/Schedule Comment (limit to 200 characters):
CRUSHED RECLAIMED ASPHALT & CONCRETE WILL TRAVEL ALONG THE RADIAL STACKER BELT TO BE STOCKPILED FOR FUTURE USE AT CONSTRUCTION SITES. THE ENTIRE AGGREGATE PROCESSING UNIT WILL CRUSH AND CONVEY RECLAIMED ASPHALT & CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY OCCUR THE MATERIAL WILL BE SPRAYED AND DAMPENED THROUGHT THE CRUSHING AND PROCESSING PROCESS AS TO CONTROL ANY EMISSIONS GENERATED. THIS RADIAL STACKER WILL NOT ALWAYS CARRY THE FULL LOAD OF 200 TPH AS THE OTHER RADIAL STACKER WILL CARRY PART OF THIS LOAD DEPENDENT ON MATERIAL SIZING.

Emissions Unit Information Section __7_ of __11___
Radial Stacker Conveyor No.2 Drop Point to Storage Piles

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **007(Radial Stacker#2)**		27. Emission Point Type Code: **4**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NONE**		
28. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NONE**		
29. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: **~2-15** FEET
13. Emission Point UTM Coordinates: **(unit figures below are for Vulcan Road Location)** Zone: **17** East (km): **453.98** North (km): **3168.63**		
14. Emission Point Comment (limit to 200 characters): **EMISSIONS POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL.**		

Emissions Unit Information Section __7_ of __11___
Radial Stacker Conveyor No.2 Drop Point to Storage Piles

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **Self Fabricated – Radial Stacker Belt No.2– Material Drop Point to Stockpile (Material Handling – Emissions related to conveying and dropping of material.)**		
7. Source Classification Code (SCC): **30502006**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	30. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.28 lb/hr & 0.44 ton/hr** **PM = 0.59 lb/hr & 0.92 ton/hr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.0014 lb/ton** Reference: **AP-42 (Table 11.19.2-2 uncontrolled) and footnote © for PM Emissions (worst case scenario)**		46. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

PM10 = (200 lb/ton)(0.0014 lb/ton) = 0.28 lb/hr
$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0014 lb/ton)] / 2000 lb/ton = 0.44 ton/yr

PM = [(200 lb/ton)(0.0014 lb/ton)] (2.1) = 0.59 lb/hr

$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0014 lb/ton)] / 2000 lb/ton (2.1) = 0.92 ton/yr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Radial Stacker Belt – subject to 40 CFR 60, subpart 000 rules and regulations.

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [**X**] Rule [ ] 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 Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [**X**] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [**X**] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [**X**] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [**X**] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [**X**] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [**X**] Attached, Document ID: **VIII** [ ] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [**X**] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 008

Radial Stacker No. 3

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):

Drop Point from Radial Stacker No.3 to Stockpile – where crushed material leaves radial stacker belt to stockpile

3. Emissions Unit Identification Number: [ ] No ID
ID: **008**

47. Emissions Unit Status Code:	48. Initial Startup Date:	49. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**14**

50. Emissions Unit Comment: (Limit to 500 Characters):

CRUSHED RECLAIMED ASPHALT & CONCRETE WILL TRAVEL ALONG THE RADIAL STACKER BELT TO BE STOCKPILED FOR FUTURE USE AT CONSTRUCTION SITES. THE ENTIRE AGGREGATE PROCESSING UNIT WILL CRUSH AND CONVEY RECLAIMED ASPHALT & CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY OCCUR THE MATERIAL WILL BE SPRAYED AND DAMPENED THROUGHT THE CRUSHING AND PROCESSING PROCESS AS TO CONTROL ANY EMISSIONS GENERATED.

Emissions Unit Information Section __8_ of __11___
Radial Stacker Conveyor No.3 Drop Point to Storage Piles
Emissions Unit Control Equipment

31. Control Equipment/Method Description (limit to 200 characters per device or method):

ANY EMISSIONS THAT MAY BE GENERATED ARE CONTROLLED AT THIS FACILITY BY DAMPENING MATERIAL THROUGHOUT THE CRUSHING AND AGGREGATE PROCESSING PROCESS AS NEEDED TO CONTROL GENERATION OF FUGITIVES.

2. Control Device or Method Code(s): **061,099**

Emissions Unit Details

1. Package Unit: **RADIAL STACKER BELT NO.3**
   Manufacturer: **SELF FABRICATED** Model Number: **NA**
2. Generator Nameplate Rating: MW
3. Incinerator Information:
   Dwell Temperature: °F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: mmBtu/hr
2. Maximum Incineration Rate: lb/hr tons/day
3. Maximum Process or Throughput Rate: **200 TPH AS RAW (UNCRUSHED) RECLAIMED ASPHALT OR CONCRETE**
4. Maximum Production Rate: **200 TPH AS RECLAIMED CRUSHED AND SCREENED ASPHALT (RAP) OR CONCRETE**
5. Requested Maximum Operating Schedule:
   10 hours/day **6** days/week
   52 weeks/year **3120** hours/year

51. Operating Capacity/Schedule Comment (limit to 200 characters):
CRUSHED RECLAIMED ASPHALT & CONCRETE WILL TRAVEL ALONG THE RADIAL STACKER BELT TO BE STOCKPILED FOR FUTURE USE AT CONSTRUCTION SITES. THE ENTIRE AGGREGATE PROCESSING UNIT WILL CRUSH AND CONVEY RECLAIMED ASPHALT & CONCRETE, THEREFORE EMISSIONS WILL BE NIL TO NONE FROM THIS EMISSIONS UNIT. SHOULD ANY OCCUR THE MATERIAL WILL BE SPRAYED AND DAMPENED THROUGHT THE CRUSHING AND PROCESSING PROCESS AS TO CONTROL ANY EMISSIONS GENERATED. THIS RADIAL STACKER WILL NOT ALWAYS CARRY THE FULL LOAD OF 200 TPH AS THE OTHER RADIAL STACKER WILL CARRY PART OF THIS LOAD DEPENDENT ON MATERIAL SIZING.

Emissions Unit Information Section __8_ of __11___
Radial Stacker Conveyor No.3 Drop Point to Storage Piles

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **008 (Radial Stacker #3)**	32. Emission Point Type Code: **4**

3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):
NONE

33. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:
NONE

34. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %

11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: **~2-15** FEET

13. Emission Point UTM Coordinates: **(unit figures below are for Vulcan Road Location)**
Zone: **17** East (km): **453.98** North (km): **3168.63**

14. Emission Point Comment (limit to 200 characters):

EMISSIONS POINT WILL BE FUGITIVE IF ANY EMISSIONS GENERATED AT ALL.

Emissions Unit Information Section __8_ of __11___
Radial Stacker Conveyor No.3 Drop Point to Storage Piles

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
Self Fabricated – Radial Stacker Belt No.3– Material Drop Point to Stockpile (Material Handling – Emissions related to conveying and dropping of material.)		
8. Source Classification Code (SCC): **30502006**	3. SCC Units: **TONS OF PRODUCT PROCESSED**	
4. Maximum Hourly Rate: **200 tph**	35. Maximum Annual Rate: **624,000 ton**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **NA**	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM, PM10**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code: **099**	5. Total Percent Efficiency of Control: **80%**
6. Potential Emissions: **PM10 = 0.28 lb/hr & 0.44 ton/hr** **PM = 0.59 lb/hr & 0.92 ton/hr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.0014 lb/ton** Reference: **AP-42 (Table 11.19.2-2 uncontrolled) and footnote © for PM Emissions (worst case scenario)**		52. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

PM10 = (200 lb/ton)(0.0014 lb/ton) = 0.28 lb/hr
$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0014 lb/ton)] / 2000 lb/ton = 0.44 ton/yr

PM = [(200 lb/ton)(0.0014 lb/ton)] (2.1) = 0.59 lb/hr

$PM10_{yearly}$ [(200 lb/hr)(3120 hr/yr)(0.0014 lb/ton)] / 2000 lb/ton (2.1) = 0.92 ton/yr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Radial Stacker Belt – subject to 40 CFR 60, subpart 000 rules and regulations.

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [**X**] Rule [ ] 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 Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [X] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [X] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [X] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [X] Attached, Document ID: **VIII** [ ] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 009

325 H.P. Caterpillar Diesel Gen-Set

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one)

[X] 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.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Caterpillar Diesel fired Generator Set used to supply electrical power to the crushing / aggregate processing 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 a maximum fuel consumption of 25 gal/hr.

3. Emissions Unit Identification Number: [ ] No ID
ID: **009**

53. Emissions Unit Status Code:	54. Initial Startup Date:	55. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**14**

56. Emissions Unit Comment: (Limit to 500 Characters):
325 H.P. Caterpillar Diesel Generator (545 kW) – fired on No.2 virgin diesel fuel with a maximum sulfur limit of 0.5% by weight – used to power all equipment employed by this crushing/aggregate processing unit.

Emissions Unit Control Equipment

36. Control Equipment/Method Description (limit to 200 characters per device or method): **NONE**
2. Control Device or Method Code(s): **NA**

Emissions Unit Details

1. Package Unit: **Generator Set** Manufacturer: **Caterpillar Diesel**	Model Number: **3412**	
2. Generator Nameplate Rating:	MW	
3. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:		°F seconds °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: **6.21** mmBtu/hr		
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate: **Consumes No.2 fuel oil at a maximum rate of 25 gal/hr**		
4. Maximum Production Rate: **25 gal/hr**		
5. Requested Maximum Operating Schedule:		
	10 hours/day	**6** days/week
	52 weeks/year	**3120** hours/year

57. Operating Capacity/Schedule Comment (limit to 200 characters):

325 H.P. Caterpillar Diesel Generator – fired on No.2 virgin diesel fuel with a maximum sulfur limit of 0.5% by weight – used to power all equipment employed by this crushing/aggregate processing unit.

Emissions Unit Information Section __9_ of __11___
Generator Set

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **009 (Generator)**		37. Emission Point Type Code: **4**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NONE**		
38. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NONE**		
39. Discharge Type Code: **F**	6. Stack Height: feet	7. Exit Diameter: feet
8. Exit Temperature: °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: **~12** FEET
13. Emission Point UTM Coordinates: **(portable unit – Vulcan Road - Apopka location)** Zone: **17** East (km): **453.98** North (km): **3168.63**		
14. Emission Point Comment (limit to 200 characters):		

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **Caterpillar Diesel Generator Set – Emissions from Detroit Diesel Generator fired on No.2 virgin diesel fuel with a maximum sulfur limit of 0.5% by weight.**		
9. Source Classification Code (SCC): **20222200401**	3. SCC Units: **1000 gallons burned**	
4. Maximum Hourly Rate: **25 ga/hr @ worst case**	40. Maximum Annual Rate: **78,000 gal/yr @ max.**	6. Estimated Annual Activity Factor: **0.50 tpy @ worst**
7. Maximum % Sulfur: **0.5%**	8. Maximum % Ash: **≤ 0.01 % by weight**	9. Million Btu per SCC Unit: **138,000**
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions **Pollutant 1 of 5**

1. Pollutant Emitted: **PM10**		2. Pollutant Regulatory Code: **WP**
3. Primary Control Device Code:	4. Secondary Control Device Code: **NONE**	5. Total Percent Efficiency of Control: **0%**
6. Potential Emissions: : **PM10 = 1.07 lb/hr or 1.67 ton/yr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.31 lb/MMBTU** Reference: **AP-42**		58. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **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**		
11. Pollutant Potential Emissions Comment (limit to 200 characters): **Emissions from Diesel Generator Subject to 62-296.320 FAC**		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **40 CFR 60, subpart 000**	2. Future Effective Date of Allowable Emissions: **Annual 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. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section __9_ of __11___
Generator Set

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions **Pollutant 2 of 5**

1. Pollutant Emitted: **NOx**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code:	4. Secondary Control Device Code: **NONE**	5. Total Percent Efficiency of Control: **0%**
6. Potential Emissions: : **NOx = 15.21 lb/hr or 23.73 ton/yr**		7. Synthetically Limited? [X]
8. Emission Factor: **4.41 lb/MMBTU** Reference: **AP-42**		59. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

NOx = (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/yr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Emissions from Diesel Generator Subject to 62-296.320 FAC

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **62-296.320 of FAC**	2. Future Effective Date of Allowable Emissions: **Annual 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 and fuel analysis records

6. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):

Emissions Unit Information Section __9_ of __11___
Generator Set

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions **Pollutant 3 of 5**

1. Pollutant Emitted: **CO**	2. Pollutant Regulatory Code: **WP**	
3. Primary Control Device Code:	4. Secondary Control Device Code: **NONE**	5. Total Percent Efficiency of Control: **0%**
6. Potential Emissions: : **CO = 3.28 lb/hr or 5.12 ton/yr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.95 lb/MMBTU** Reference: **AP-42**		60. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

CO = (25 gal/hr fuel useage)(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

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Emissions from Diesel Generator Subject to 62-296.320 FAC

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **62-296.320 FAC**	2. Future Effective Date of Allowable Emissions: **Annual 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 and fuel analysis records

6. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):

Emissions Unit Information Section __9_ of __11___
Generator Set

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions **Pollutant 4 of 5**

1. Pollutant Emitted: **SOx**		2. Pollutant Regulatory Code: **WP**
3. Primary Control Device Code:	4. Secondary Control Device Code: **NONE**	5. Total Percent Efficiency of Control: **0%**
6. Potential Emissions: : **SOx = 1.00 lb/hr or 1.56 ton/yr**		7. Synthetically Limited? [**X**]
8. Emission Factor: **0.29 lb/MMBTU** Reference: **AP-42**		61. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

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

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Emissions from Diesel Generator Subject to 62-296.320 FAC

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **62-296.320 FAC**	2. Future Effective Date of Allowable Emissions: **Annual 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 and fuel analysis records

6. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):

Emissions Unit Information Section __9_ of __11___
Generator Set

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions **Pollutant 5 of 5**

1. Pollutant Emitted: **TOC**		2. Pollutant Regulatory Code: **WP**
3. Primary Control Device Code:	4. Secondary Control Device Code: **NONE**	5. Total Percent Efficiency of Control: **0%**
6. Potential Emissions: : **TOC = 1.24 lb/hr or 1.93 ton/yr**		7. Synthetically Limited? [X]
8. Emission Factor: **0.36 lb/MMBTU** Reference: **AP-42**		62. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

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

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Emissions from Diesel Generator Subject to 62-296.320 FAC

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **62-296.320 FAC**	2. Future Effective Date of Allowable Emissions: **Annual 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 and fuel analysis records

6. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE**	2. Basis for Allowable Opacity: [**X**] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **<20%** Exceptional Conditions: **<10%** Maximum Period of Excess Opacity Allowed: **0** min/hour	
4. Method of Compliance: **Annual Visible Emissions Compliance Testing.**	
5. Visible Emissions Comment (limit to 200 characters): **Visible Emissions from Diesel Generator are subject to 62-296.320 FAC**	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **NONE**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number:	Serial Number:
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

Emissions Unit Information Section __9_ of __11___
Generator Set

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [X] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [X] Attached, Document ID: **VIII** [ ] Not Applicable [ ] Waiver Requested **Can be found in supplemental information section of application**
3. Detailed Description of Control Equipment [X] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [X] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [X] Attached, Document ID: **VIII** [ ] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 010

Emissions From Paved and Unpaved Roads

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Fugitive emissions from paved and unpaved areas – worst case scenario. All paved and unpaved areas and aggregate piles at this facility as well as other locations will be kept damp on an as needed basis.

3. Emissions Unit Identification Number:
ID: **NA**
[ ] No ID
[ ] ID Unknown

1. Emissions Unit Status Code:	2. Initial Startup Date:	3. Emissions Unit Major Group SIC Code:
NA	**ASAP**	**1422**

4. Emissions Unit Comment: (Limit to 500 Characters):
Fugitive emissions from paved and unpaved areas – worst case scenario. All paved and unpaved areas and aggregate piles at this facility and other locations will be kept damp on an as needed basis.

Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method):

   All unpaved roadways at this facility and other locations are and will be kept damp by water truck and or sprinkler system on an as needed basis. Vehicular traffic speed will be posted and enforced at a maximum of 5 m.p.h. at all locations.

2. Control Device or Method Code(s): **099**

Emissions Unit Details

1. Package Unit: **NA**
   Manufacturer: Model Number:
2. Generator Nameplate Rating: MW
3. Incinerator Information:
   Dwell Temperature: °F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:
2. Maximum Incineration Rate: lb/hr tons/day
3. Maximum Process or Throughput Rate:
4. Maximum Production Rate:
5. Requested Maximum Operating Schedule:

   12 hours/day **6 days/week**

   52 weeks/year ***not to exceeed: 3744*** **hrs/year**

6. Operating Capacity/Schedule Comment (limit to 200 characters):
   Vehicular traffic at this facility will not be continuous 24 hrs/day

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **010 – Unpaved/Paved Areas**	2. Emission Point Type Code: **4**	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NA – Fugitive Emission Point**		
3. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NOT APPLICABLE**		
4. Discharge Type Code: **F**	6. Stack Height: **~0.0** feet	7. Exit Diameter: **Not Determinable** feet
8. Exit Temperature: **~Ambient** °F	9. Actual Volumetric Flow Rate: **Unknown**	10. Water Vapor: **~5** %
11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: (@ **Vulcan Road - Apopka)** Zone: **17** East (km): **453.98 E** North (km): **3168.63 N**		
14. Emission Point Comment (limit to 200 characters): **This emission point subject to 62-296.310 FAC Rules and Regulations.**		

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment __1__ of __2__

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
Fugitive emissions from paved, unpaved roads and stockpiles (Material Handling) emissions related to silt content on roadways and vehicular traffic in facility. Worst case scenario.		
2. Source Classification Code (SCC): **3050204**	3. SCC Units: **Vehicle Miles Traveled**	
4. Maximum Hourly Rate: **NA**	5. Maximum Annual Rate: **NA**	6. Estimated Annual Activity Factor: **NA**
6. Maximum % Sulfur: **NA**	7. Maximum % Ash: **NA**	8. Million Btu per SCC Unit: **NA**
10. Segment Comment (limit to 200 characters): **FUGITIVE EMISSIONS CALCULATED AT WORST CASE SCENARIO**		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM10, TSP**	2. Pollutant Regulatory Code: **EL**	
3. Primary Control Device Code: **099**	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control: **90.0%**
6. Potential Emissions: PM10 : **1.25 lb/hr, 2.34 ton/yr**		7. Synthetically Limited? **[X] YES**
8. Emission Factor: **0.24 lb/VMT** Reference: **AP-42 (Section 13.2.1.1) unpaved roads**		9. Emissions Method Code: **3**

10. Calculation of Emissions (limit to 600 characters):

$E = k(5.9)[s/12][S/30][W/3]^{0.7}[w/4]^{0.5}[365-P/365]$

E = 0.36(5.9)[8.9/12][5/30][31.3/3]$^{0.7}$[10/4]$^{0.5}$[365-120/365] = 2.0 lb/VMT

E = 2.0 lb/VMT (1-0.90 control efficiency from water truck or sprinklers) = 0.2 lb/VMT

E_{daily} = (0.2 lb/VMT)(~ 75 VMT/day) = 15.0 lb/day

E_{year} = [(15.0 lb/day) / (~12 hr/day) (3744 hr/yr) / 2000 lb/ton = 2.34 ton/yr

11. Pollutant Potential Emissions Comment (limit to 200 characters):

Allowable Emissions Allowable Emissions ___1___ of __7____

3. Basis for Allowable Emissions Code: **RULE**	2. Future Effective Date of Allowable Emissions: **NA**
4. Requested Allowable Emissions and Units: **<10% Opacity**	5. Equivalent Allowable Emissions: PM10 = **1.0 lb/hr, 1.67 ton/hr** TSP = **2.10** lb/hour, **3.28** tons/year

5. Method of Compliance (limit to 60 characters): **Compliance will be achieved through initial and annual emissions compliance testing. Watering of roadways and stockpiles will be performed as to control fugitive emissions at all locations.**

6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation ___1___ of ___1___

1. Visible Emissions Subtype: **VE10**	2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **10** % Exceptional Conditions: **10** % Maximum Period of Excess Opacity Allowed: **NONE** min/hour	
4. Method of Compliance: **EPA METHOD 9**	
5. Visible Emissions Comment (limit to 200 characters): **Regulated under 62-296.320**	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [ ] Rule [ ] Other	
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters): **NOT APPLICABLE**	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [X] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [X] Attached, Document ID: **VIII** [ ] Not Applicable [ ] Waiver Requested **Can be found in supplemental information section of application**
3. Detailed Description of Control Equipment [X] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [X] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Operation Permit Application [X] Attached, Document ID: **VIII** [ ] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable
10. Supplemental Requirements Comment:

EMISSIONS ID. NO. 011

Emissions From Storage Piles

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G 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.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (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.

[X] 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.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):

Fugitive emissions from paved and unpaved areas – worst case scenario. All paved and unpaved areas and aggregate piles at this facility and other locations will be kept damp on an as needed basis.

3. Emissions Unit Identification Number: [ ] No ID [ ] ID Unknown
ID: **011**

4. Emissions Unit Status Code:	5. Initial Startup Date:	6. Emissions Unit Major Group SIC Code:
NA	**ASAP**	**1422**

7. Emissions Unit Comment: (Limit to 500 Characters):
Fugitive emissions from Aggregate Handling – worst case scenario. All aggregate piles at this facility and other locations will be kept damp on an as needed basis.

Emissions Unit Information Section 11 of 11
Fugitive Emissions from Aggregate Storage Piles
Emissions Unit Control Equipment

5. Control Equipment/Method Description (limit to 200 characters per device or method):

All aggregate stockpiles at this facility and other locations will be kept damp by water truck and sprinkler system on an as needed basis.

2. Control Device or Method Code(s): **099**

Emissions Unit Details

1. Package Unit: **NA**
   Manufacturer: Model Number:
2. Generator Nameplate Rating: MW
3. Incinerator Information:
   Dwell Temperature: °F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:
2. Maximum Incineration Rate: lb/hr tons/day
3. Maximum Process or Throughput Rate:
4. Maximum Production Rate:
7. Requested Maximum Operating Schedule:

12 hours/day **6 days/week**

52 weeks/year ***not to exceed: 3744*** **hrs/year**

8. Operating Capacity/Schedule Comment (limit to 200 characters):
Aggregate Handling at this facility will not be continuous 24 hrs/day

Emissions Unit Information Section 11 of 11
Fugitive Emissions from Aggregate Storage Piles

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **011 – Storage Piles, Loader Operations**		6. Emission Point Type Code: **4**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **NA – Fugitive Emission Point**		
7. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **NOT APPLICABLE**		
8. Discharge Type Code: **F**	6. Stack Height: **~ 0.0** feet	7. Exit Diameter: **Not Determinable** feet
8. Exit Temperature: **~Ambient** °F	9. Actual Volumetric Flow Rate: **Unknown**	10. Water Vapor: **~5 %**
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet
13. Emission Point UTM Coordinates: **(@ Vulcan Road – Apopka location)** Zone: **17** East (km): **453.98 E** North (km): **3168.63 N**		
14. Emission Point Comment (limit to 200 characters): **This emission point subject to 62-296.310 FAC Rules and Regulations.**		

Emissions Unit Information Section 11 of 11
Fugitive Emissions from Aggregate Storage Piles

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment ___1__ of __2___

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **Fugitive emissions from aggregate stockpiles and loader operations (Material Handling) emissions related to fugitives from conveyor belt drops and from aggregate storage piles from prevailing winds.**		
12. Source Classification Code (SCC): **3050207, 3050205**	13. SCC Units: **Area of stockpiles / tons of products**	
14. Maximum Hourly Rate: **NA**	15. Maximum Annual Rate: **NA**	6. Estimated Annual Activity Factor: **NA**
16. Maximum % Sulfur: **NA**	17. Maximum % Ash: **NA**	18. Million Btu per SCC Unit: **NA**
10. Segment Comment (limit to 200 characters): **FUGITIVE EMISSIONS CALCULATED AT WORST CASE SCENARIO**		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM10, TSP**	2. Pollutant Regulatory Code: **EL**	
3. Primary Control Device Code: **099**	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control: **80.0%**
6. Potential Emissions: PM10 : **1.62 lb/hr, 0.61 ton/yr**		7. Synthetically Limited? **[X] YES**
6. Emission Factor: Reference: **AP-42 (Section 13.2.4.2)**		9.Emissions Method Code: **3**

7. Calculation of Emissions (limit to 600 characters):

$E = k(0.0032)[u/5]^{1.3}[M/2]^{1.4}$

$E = 0.35(0.0032)[7/5]^{1.3} / [0.7/2]^{1.4} = 0.0081$ lb/ton

E = 200 ton/hr (0.0081 lb/ton) = 1.62 lb/hr

E = (1.62 lb/hr)(1-0.80 control efficiency) (~12 hr/day) = 3.89 lb/day

E = [(3.89 lb/day) / (~12 hr/day) (3744 hr/yr) / 2000 lb/ton = 0.61 ton/yr

8. Pollutant Potential Emissions Comment (limit to 200 characters):
Aggregate Storage Piles & Conveyor Drops – Fugitive Emissions (controlled) are subject to 62-296.700 (2)(e)(f)

Allowable Emissions Allowable Emissions ___1___ of __7____

8. Basis for Allowable Emissions Code: **RULE**	2. Future Effective Date of Allowable Emissions: **NA**
9. Requested Allowable Emissions and Units: **<10% Opacity**	10. Equivalent Allowable Emissions: PM10: **1.62 lb/hr, 0.61 ton/hr**

5. Method of Compliance (limit to 60 characters): **Compliance will be achieved through annual emissions compliance testing. Watering of stockpiles will be performed as to control fugitive emissions at all sites.**

6. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation ___1___ of ___1___

1. Visible Emissions Subtype: **VE10**	2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **10 %** Exceptional Conditions: **10 %** Maximum Period of Excess Opacity Allowed: **NONE** min/hour	
4. Method of Compliance: **EPA METHOD 9**	
5. Visible Emissions Comment (limit to 200 characters): **Regulated under 62-296.320**	

F. CONTINUOUS MONITOR INFORMATION
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters): **NOT APPLICABLE**	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

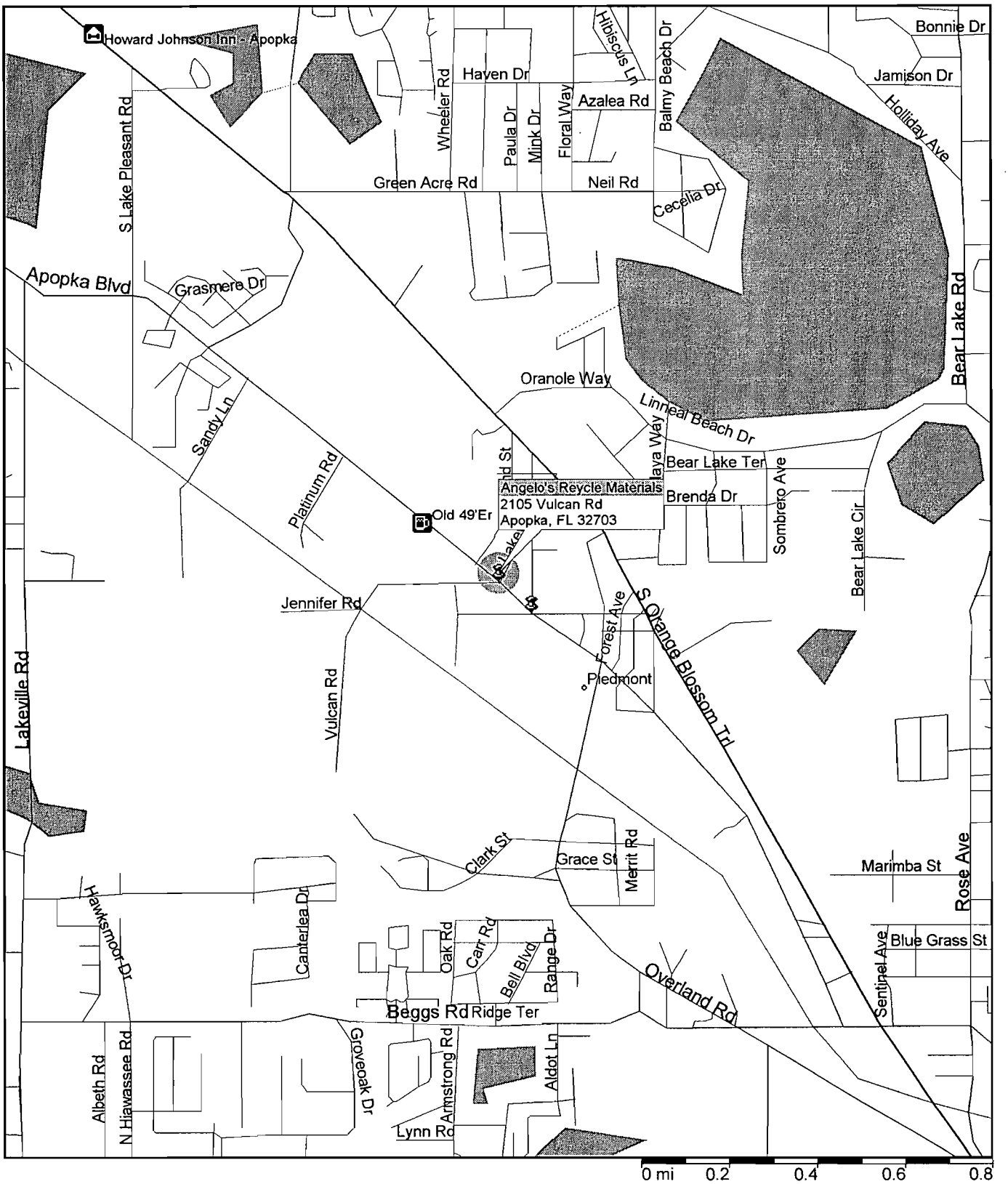
1. Process Flow Diagram [X] Attached, Document ID: **III** [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [X] Attached, Document ID: **VIII** [ ] Not Applicable [ ] Waiver Requested **Can be found in supplemental information section of application**
3. Detailed Description of Control Equipment [X] Attached, Document ID: **V** [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [X] Attached, Document ID: **VII** [ ] Previously submitted, Date:_____ [ ] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [X] Attached, Document ID: **VIII** [ ] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [X] Not Applicable
10. Supplemental Requirements Comment:

TABLE OF CONTENTS

I. FACILITY LOCATION

ANGELO'S RECYCLE MATERIALS, INC.

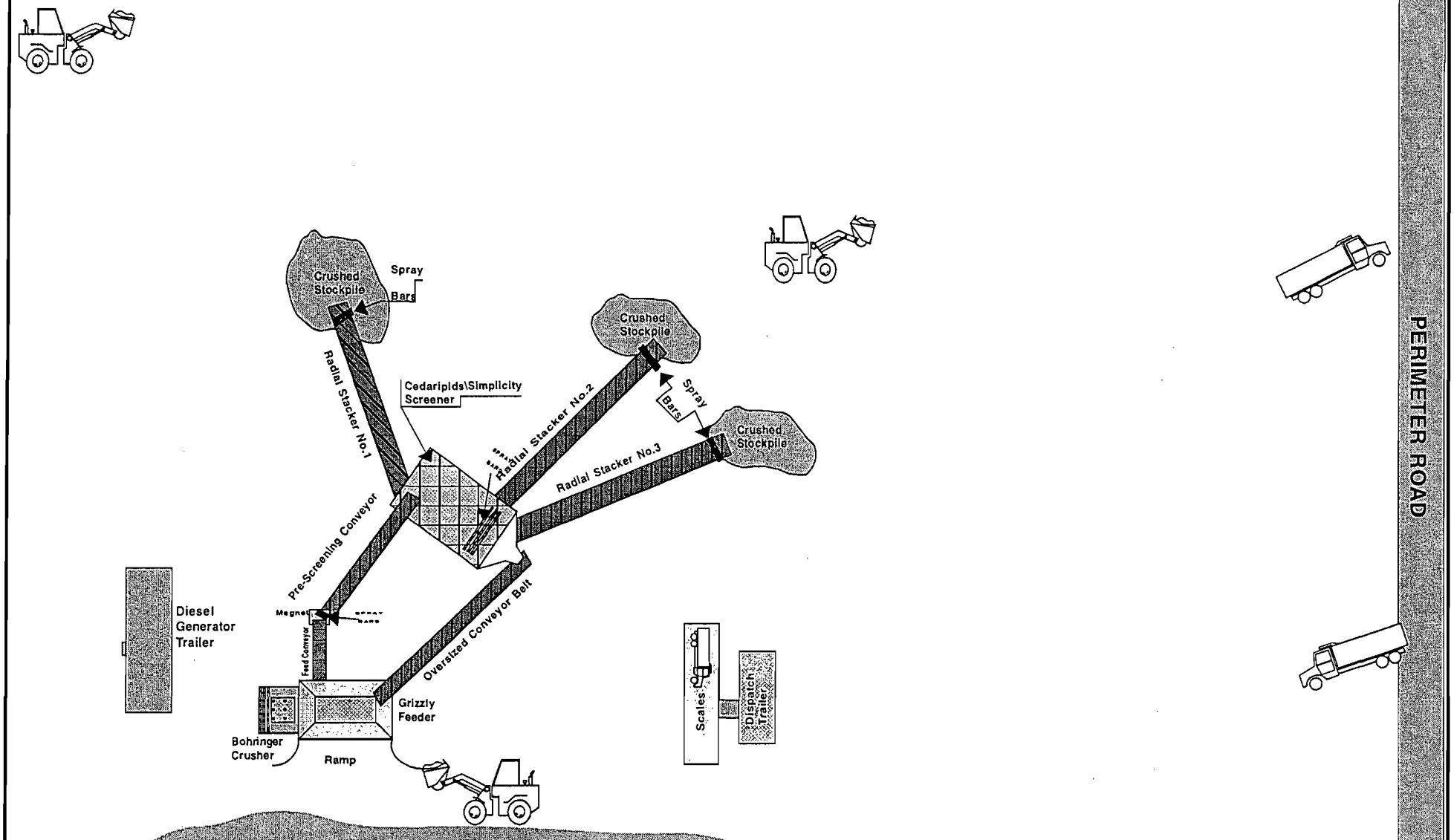
Location Of Crusher No.3



Microsoft Expedia

Streets98

II. SITE PLAN



CFTL

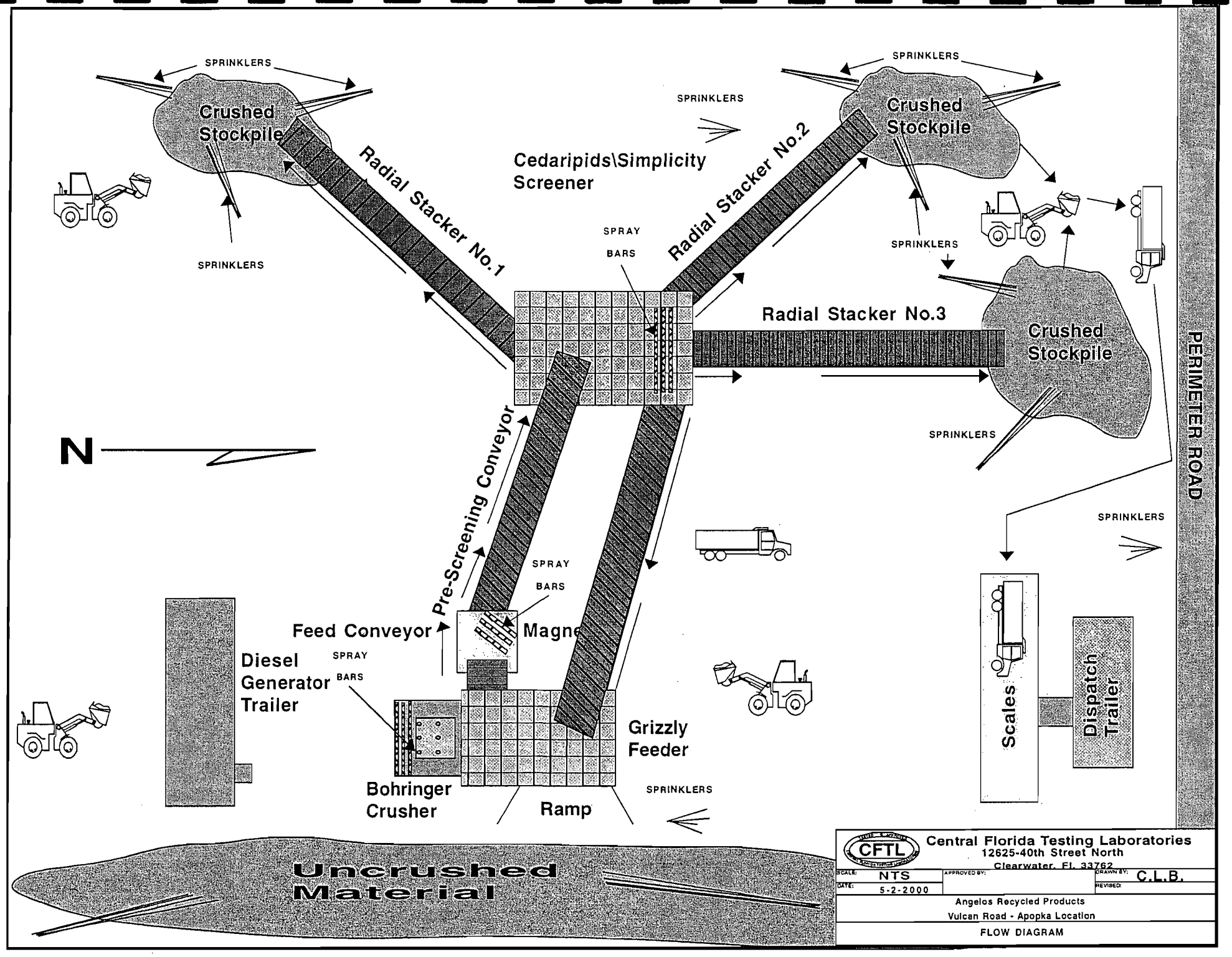
Central Florida Testing Laboratories
12625-40th Street North
Clearwater, Fl. 33762

SCALE:	APPROVED BY:	DRAWN BY:
NTS		C.L.B.
DATE: 3-9-2000		REVISED:

ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3
2105 Vulcan Rd. - Apopka, Florida

SITE LAYOUT

III. FLOW DIAGRAM



Central Florida Testing Laboratories
12625-40th Street North
Clearwater, Fl. 33762

SCALE: NTS	APPROVED BY:	DRAWN BY: C.L.B.
DATE: 5-2-2000		REVISED:

Angelos Recycled Products
Vulcan Road - Apopka Location
FLOW DIAGRAM

PROCESS DESCRIPTION

This project consists of a portable secondary crushing plant that will be utilized to recycle reclaimed concrete and asphalt material at various sites throughout the State of Florida, for use as demolition recycling, base material and fill by contracting companies and for sale to the general public.

The process begins with the transfer of reclaimed concrete and asphalt material that has been scalped or excavated from bridges, highways, parking lots, building demolition, etc. is brought to the temporary by dump truck and stockpiled for crushing or the crushing unit is brought to the site of demolition where material has been stockpiled for crushing. This stockpiled material, usually in chunk form ranging from one to twenty inches in diameter contains very little if any fine material and therefore is virtually dust free. This material is too large to reuse in it's reclaimed size, so it has to be screened and crushed to various practical aggregate sizes. The reclaimed concrete are transferred from their stockpiles by a front-end-loader into the vibrating grizzly feeder hopper. From this hopper the reclaimed material vibrates into the crusher where it is crushed to a desired size and drops onto the vibrating screener below the crusher. This crushed material is then transferred by conveyor belt to a metal extractor that removes any metal that may have been within the reclaimed material. After passing the metal extractor the material is then dropped to another conveyor belt where it travels to the screening system. Once the material reaches and drops onto the portable discharge system any over size material is transferred back to the secondary crusher by conveyor, then passes through the secondary crushing unit onto a material conveying belt where it travels back to the screening system,whereas the material that passes through several screens and is dropped onto a appropiate converyor/stacker belts that stockpiles the material for reuse at a later time.

The majority of fugitive dust created during this process is generated by the vibrating feeder hopper,crushers and at the drop point below the crusher. These emission points as well as all transfer and drop points throughout the plant will be controlled by a self-made water spray bar / spray head dust suppression system that employs spray bars and spray heads at the various emission points throughout the plant. Any fugitives generated by vehicular traffic, winds and airborne particulate from stockpiles will be controlled by the constant use of a water truck employed at this facility and at the different jobsites to keep the entire facility dampened, to control these emissions.

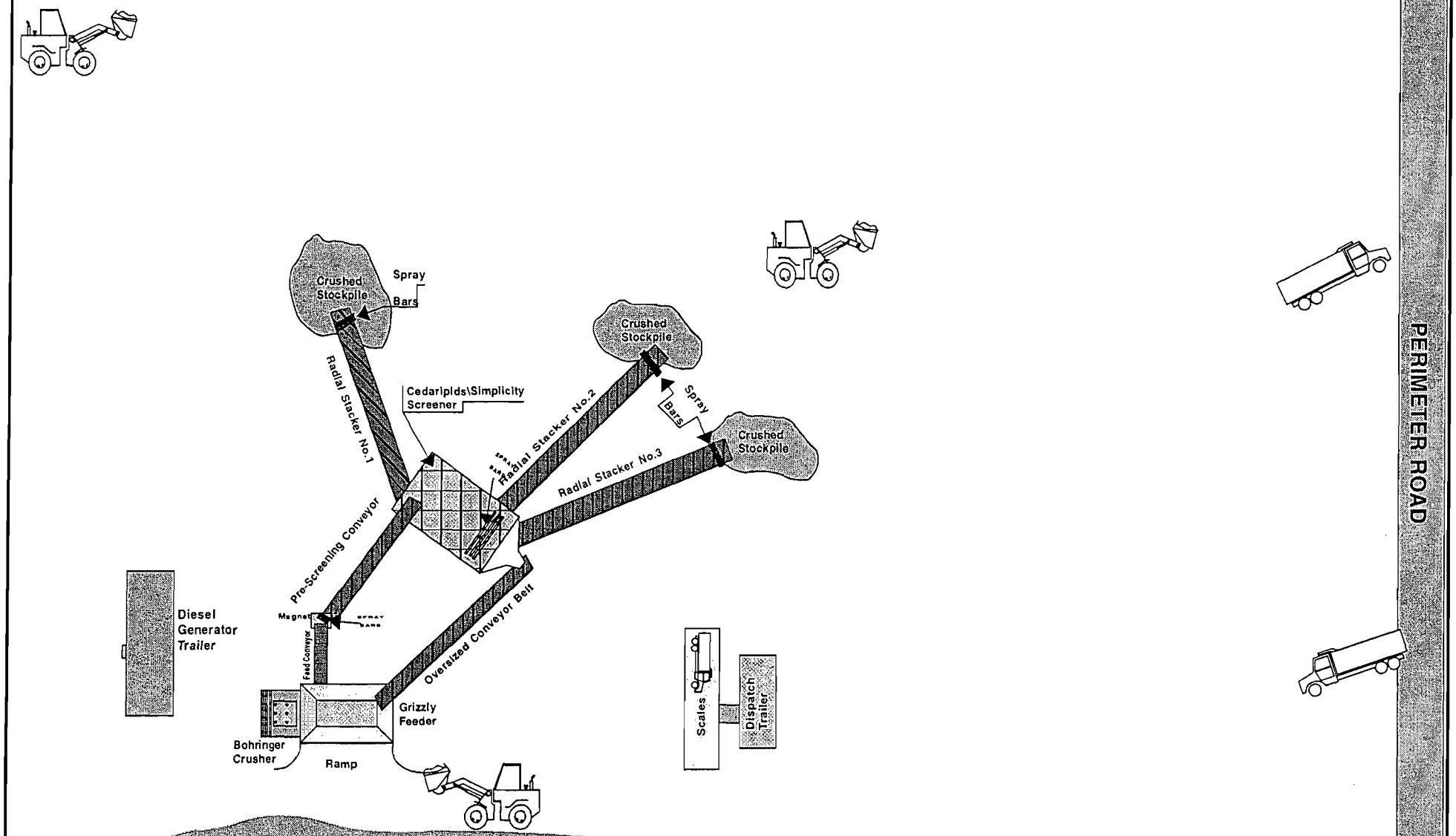
This facility will comply with all FDEP Rules and Regulations referencing portable crushing plants of this type.

IV. UNCONFINED EMISSIONS

FUGITIVE EMISSION CONTROL

Precautions to control and prevent fugitive emissions are accomplished at this site occurs in several manners. Any stockpiles at this location or any other location will be kept dampened by sprinkler systems or by water truck to control airborne emissions by prevailing winds. All traffic areas will have an enforced and instructed 5 mph speed limit as well as kept damp by water truck or sprinkler system on an as needed basis to control fugitive emissions.

V. CONTROL EQUIPMENT



Central Florida Testing Laboratories
12625-40th Street North
Clearwater, Fl. 33762

SCALE:	APPROVED BY:	DRAWN BY:
NTS		C.L.B.
DATE: 3-9-2000		REVISED:

ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3
2105 Vulcan Rd. - Apopka, Florida

Emission Control Diagram

CONTROL EQUIPMENT

All of the equipment used to control fugitive dust emissions from this crushing unit was generated by crushing and maintenance personnel on as needed basis as this crushing unit did not come equipped with any dust suppression equipment when purchased.

The water spray bar and spray head system used on this equipment were manufactured and installed on all areas where possible fugitive dust emissions would occur during the crushing, screening and conveying operations. These areas include the grizzly feeder, the crusher, the conveyor belt drop points, screens and discharge pan.

The control process starts with an on site well that is equipped with two (2) electric pumps (only one used at a time as one is a spare) that is used to feed water through 1 1/2 inch PVC pipe to a hose bib rack. From the hose bib rack water is fed through either 1/2 PVC piping or 1/2 inch hose to spray heads and bars mounted at the various fugitive emission points mentioned above at 25-40 psi, depending what is needed to control the emissions. When at other sites the crusher is equipped with its own pump to supply water to the dust supression spray bar system. Water is usually obtained from various sources such as on site water supplies, fire hydrant, lakes, ponds or water truck.

In addition, plant personnel stand on top of the feeder hopper, where the material is dumped in by front loader, dampening the material that is in the loader and the material that is being dumped into this hopper with a high pressure water hose, to control any fugitive emissions generated.

VI. O & M PLAN

General Maintenance Intervals

The crushing unit and the general area are checked visually, daily for visible emissions. The entire compound inclusive of storage piles are continiously kept damp by a water truck. If any fugitive emissions are seen escaping the crushing plant the source is identified immediately and the problem area is corrected. Fugitive emissions at drop points are controlled by increasing and decreasing the water pressure from 25-40 psi, at the spray bars/heads.

Inspections of various parts of the Self-Made Water Spray Bar / Spray Head Dust Suppression System are done on a daily basis before startup, during operation and after shut down, as well as complete inspection on a weekly basis. If anything is found broken, not functioning or out of the ordinary it is fixed immediately by trained plant personnel. In addition, this dust supression system is equipped with a spare pump in case of breakdown the spare pump can be used until the other pump can be fixed.

OPERATING PARAMETERS
for
SELF-MADE WATER SPRAY BAR / SPRAY HEAD
DUST SUPRESSION SYSTEM

Water Pressure to Spray Bars & Spray Heads	*20-45 psi @ each head*
Operation Mode	*Continuous w/ product*

Maintenance Log

Description of Maintenance Performed:	Date	Initials

Maintenance Log

Description of Maintenance Performed:	Date	Initials

Maintenance Log

Description of Maintenance Performed:	Date	Initials

VII. INITIAL COMPLIANCE TEST

CENTRAL FLORIDA TESTING LABORATORIES, INC.
12625 - 40th Street North - Clearwater, Florida 33762
(727)572-9797 (800)248-CFTL

ANGELO'S RECYCLED MATERIALS, INC.

Reclaimed Asphalt & Concrete Crushing Unit No.3
Initial Emissions Compliance Test
Determination of Process Weight

Date	Run No.	Time		Total Material Crushed (weigh bridge)	
		Start	Stop	Start	Stop
03/22/01	V.E.	9:30 a.m.	11:45 a.m.	0.0	437.2

PROCESS WEIGHT

** *all material crushed is measured across a weigh bridge*

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

Run No.IVE

$$Pw = \frac{(437.2)\text{ tons}}{\text{2 hour 15 minutes}} = 194.3\text{ ton/hr}$$

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

Mr. James McElvenny, Director of Florida Operations

CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

EP001 "Grizzly Feeder Hopper"

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

FORM NUMBER: | PAGE 1 OF 1

CONTINUED ON VEO NUMBER:

COMPANY NAME: ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3

STREET ADDRESS: 2105 Vulcan Road | CITY: Apopka

MAILING ADDRESS: Post Office Box 1493

CITY: Largo | STATE: Florida | ZIP: 33779

PHONE/KEY CONTACT: | SOURCE PERMIT NUMBER: 7770179-003-AC

PROCESS EQUIPMENT: Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant | OPERATING MODE: * See Below

CONTROL EQUIPMENT: Water Spray Bar System | OPERATING MODE: 38-41 psi

DESCRIBE EMISSION PT.: Material drops from front-end loader into Grizzly Feeder Hopper.

DISTANCE TO EMISS. PT.: START ~200' END ~200' | DIRECTION TO EMISS. PT. (DEGREES): START 280°(W) END 280°(W)

HEIGHT OF EMISS PT.: START ~15' END ~15' | HEIGHT TO EMISS. PT. REL. TO OBSERVER: START ~-5' END ~-5'

VERTICAL ANGLE TO OBS. PT.: START -1° END -1° | DIRECTION TO OBS. PT. (DEGREES): START 280°(W) END 280°(W)

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT: START read @ Hopper Lip END read @ Hopper Lip

DESCRIBE EMISSIONS: START None END None

EMISSION COLOR: START None END None | WATER DROPLET PLUME: ☐ ATTACHED ☐ DETACHED ☒ NONE

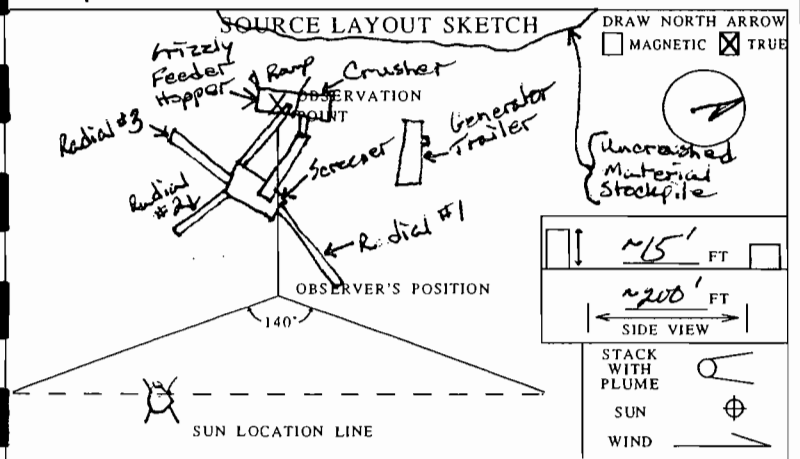
DESCRIBE PLUME BACKGROUND: START Material Stockpile END Material Stockpile

BACKGROUND COLOR: START Gray END Gray | SKY CONDITIONS: START Broken END Scattered

WIND SPEED: START 0 mph END 0 mph | WIND DIRECTION: START None END None

AMBIENT TEMPERATURE: START 71.5°F END 74.6°F | WET BULB TEMP.: | PERCENT RH: 78%

SOURCE LAYOUT SKETCH



DRAW NORTH ARROW: ☐ MAGNETIC ☒ TRUE

~15' FT

~200' FT SIDE VIEW

STACK WITH PLUME

SUN

WIND

OBSERVATION DATE	START TIME	END TIME
3-22-2001	9:36:00 AM	10:35:45 AM

MIN \ SEC	0	15	30	45	MIN \ SEC	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	5	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	5	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	5	0	0	0	46	5	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	5	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

LAT: | LONG: | DECLINATION

AVERAGE OPACITY: 0.1% | HIGHEST SIX MINUTE INTERVAL: 0.2%

ADDITIONAL INFORMATION: * = See Process Weight Section of test for PW. determination. Crushing reclaimed concrete and asphalt. No objectionable odors nor fugitives detected.

OBSERVER'S NAME (PRINT): Christopher L. Briley

OBSERVER'S SIGNATURE: Christopher L. Briley | DATE: 3-22-2001

ORGANIZATION: Central Florida Testing Laboratories, Inc.

CERTIFIED BY: E.T.A. - Tampa | DATE: 2-20-2001

CENTRAL FLORIDA TESTING LABORATORIES, INC.

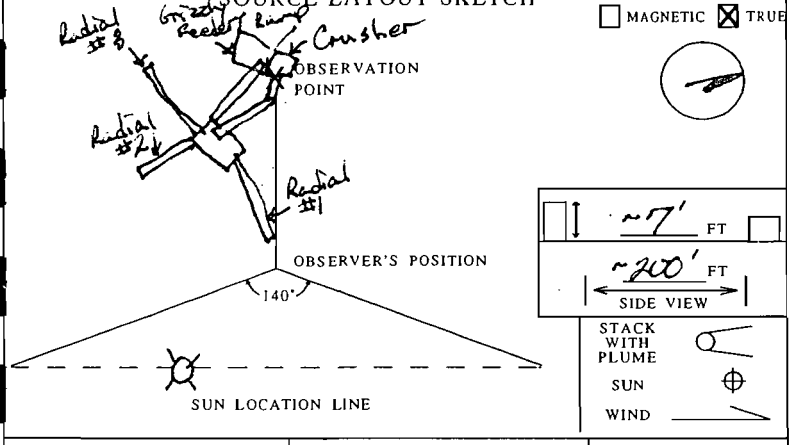
VISIBLE EMISSIONS OBSERVATION FORM

EP002 "Impact Crusher"

METHOD USED (CIRCLE ONE)	METHOD 9 (203A, 203B, OTHER:)
FORM NUMBER	PAGE 1 OF 1
CONTINUED ON VEO NUMBER	
COMPANY NAME	ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3
STREET ADDRESS	2105 Vulcan Road
CITY	Apopka
MAILING ADDRESS	Post Office Box 1493
CITY / STATE / ZIP	Largo / Florida / 33779
PHONE/KEY CONTACT	
SOURCE PERMIT NUMBER	7770179-003-AC
PROCESS EQUIPMENT	Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant
OPERATING MODE	* See Below
CONTROL EQUIPMENT	Water Spray Bar System
OPERATING MODE	38-41 psi
DESCRIBE EMISSION PT.	Drop point from crusher to prescreen conveyor belt.
DISTANCE TO EMISS. PT. START / END	~200' / ~200'
DIRECTION TO EMISS. PT. (DEGREES) START / END	276°(W) / 276°(W)
HEIGHT OF EMISS PT. START / END	~7' / ~7'
HEIGHT TO EMISS. PT. REL. TO OBSERVER START / END	~-13' / ~-13'
VERTICAL ANGLE TO OBS. PT. START / END	-7° / -7°
DIRECTION TO OBS. PT. (DEGREES) START / END	276°(W) / 276°(W)
APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT START / END	read @ drop point / read @ drop point
DESCRIBE EMISSIONS START / END	None / None
EMISSION COLOR START / END	None / None
WATER DROPLET PLUME	☐ ATTACHED ☐ DETACHED ☒ NONE
DESCRIBE PLUME BACKGROUND START / END	Plant Machinery / Plant Machinery
BACKGROUND COLOR START / END	Gray / Gray
SKY CONDITIONS START / END	Broken / Scattered
WIND SPEED START / END	0 mph / 0 mph
WIND DIRECTION START / END	None / None
AMBIENT TEMPERATURE START / END	71.3°F / 74.6°F
WET BULB TEMP.	
PERCENT RH	78%

SOURCE LAYOUT SKETCH

DRAW NORTH ARROW ☐ MAGNETIC ☒ TRUE



OBSERVATION DATE	START TIME	END TIME
3-22-2001	9:36:00 AM	10:35:45 AM

MIN \ SEC	0	15	30	45	MIN \ SEC	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

LAT:	
LONG:	
DECLINATION	
AVERAGE OPACITY	0%
HIGHEST SIX MINUTE INTERVAL	0%

ADDITIONAL INFORMATION

*=See Process Weight section of test for PW determination. Crushing reclaimed concrete and asphalt. No objectionable odors nor fugitives detected.

OBSERVER'S NAME (PRINT)	Christopher L. Briley
OBSERVER'S SIGNATURE	Christopher L. Briley
DATE	3-22-2001
ORGANIZATION	Central Florida Testing Laboratories, Inc.
CERTIFIED BY	E.T.A. - Tampa
DATE	2-20-2001

CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Vibrating Screener EP003

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

FORM NUMBER | PAGE 1 OF 1

CONTINUED ON VEO NUMBER

COMPANY NAME: ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3

STREET ADDRESS: 2105 Vulcan Road | CITY: Apopka

MAILING ADDRESS: Post Office Box 1493

CITY: Largo | STATE: Florida | ZIP: 33779

PHONE/KEY CONTACT | SOURCE PERMIT NUMBER: 7770179-003-AC

PROCESS EQUIPMENT: Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant | OPERATING MODE: * See Below

CONTROL EQUIPMENT: Water Spray Bar System | OPERATING MODE: 38-41 psi

DESCRIBE EMISSION PT.: read at top of vibrating screener where material falls from belt.

DISTANCE TO EMISS. PT. START 183' END 183' | DIRECTION TO EMISS. PT. (DEGREES) START 258° END 258°

HEIGHT OF EMISS PT. START ~12' END ~12' | HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~5' END ~5'

VERTICAL ANGLE TO OBS. PT. START -3° END -3° | DIRECTION TO OBS. PT. (DEGREES) START 258° END 258°

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT START read @ top of screener END (same)

DESCRIBE EMISSIONS START None END None

EMISSION COLOR START None END None | WATER DROPLET PLUME: ☐ ATTACHED ☐ DETACHED ☒ NONE

DESCRIBE PLUME BACKGROUND START Material Stockpile END Material Stockpile

BACKGROUND COLOR START Gray END Gray | SKY CONDITIONS START scattered END scattered

WIND SPEED START 0 END 0 | WIND DIRECTION START — END —

AMBIENT TEMPERATURE START 71.5°F END 74.8°F | WET BULB TEMP. | PERCENT RH 79%

SOURCE LAYOUT SKETCH: grizzly, crusher, magnet, Pre-Screen Conv., OBSERVATION POINT, Vibrating screener, E.P. Vibrating Screener, OBSERVER'S POSITION, 140°, TOP OF Stockpile, SUN LOCATION LINE, ~12 FT, 183 FT SIDE VIEW

DRAW NORTH ARROW: ☐ MAGNETIC ☒ TRUE

STACK WITH PLUME | SUN | WIND

LAT: | LONG: | DECLINATION

ADDITIONAL INFORMATION: See Process Weight Section of this test for PW determination. Crushing & classifying reclaimed asphalt & concrete. No objectionable odors nor fugitives.

OBSERVATION DATE: 03-22-2001 | START TIME: 9:32:00 AM | END TIME: 10:31:45 AM

MIN \ SEC	0	15	30	45	MIN \ SEC	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

AVERAGE OPACITY 0% | HIGHEST SIX MINUTE INTERVAL 0%

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

OBSERVER'S SIGNATURE: Bernard A. Ball Jr. | DATE

ORGANIZATION: Central Florida Testing Laboratories, Inc.

CERTIFIED BY: E.T.A. - Tampa | DATE: 02-20-01

CENTRAL FLORIDA TESTING LABORATORIES, INC.

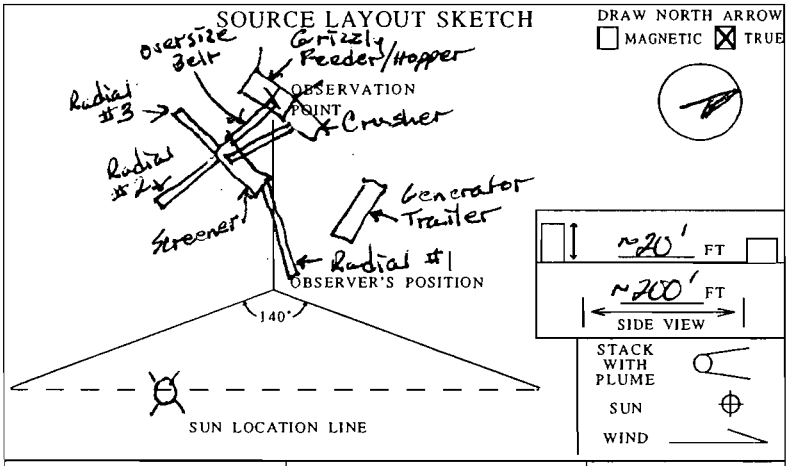
VISIBLE EMISSIONS OBSERVATION FORM

EP004 "Oversize Belt"

METHOD USED (CIRCLE ONE)	METHOD 9 — 203A — 203B — OTHER:
FORM NUMBER	PAGE 1 OF 1
CONTINUED ON VEO NUMBER	
COMPANY NAME	ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3
STREET ADDRESS	2105 Vulcan Road
CITY	Apopka
MAILING ADDRESS	Post Office Box 1493
CITY / STATE / ZIP	Largo / Florida / 33779
PHONE/KEY CONTACT	
SOURCE PERMIT NUMBER	7770179-003-AC
PROCESS EQUIPMENT	Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant
OPERATING MODE	* See Below
CONTROL EQUIPMENT	Water Spray Bar System
OPERATING MODE	38-41 psi
DESCRIBE EMISSION PT.	Drop point From Oversize Conveyor Belt to Grizzly Feeder Hopper.
DISTANCE TO EMISS. PT.	START ~200' END ~200'
DIRECTION TO EMISS. PT. (DEGREES)	START 279°(W) END 279°(W)
HEIGHT OF EMISS PT.	START ~20' END ~20'
HEIGHT TO EMISS. PT. REL. TO OBSERVER	START ~0' END ~0'
VERTICAL ANGLE TO OBS. PT.	START 0° END 0°
DIRECTION TO OBS. PT. (DEGREES)	START 279°(W) END 279°(W)
APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT	START read @ drop point END read @ drop point
DESCRIBE EMISSIONS	START None END None
EMISSION COLOR	START None END None
WATER DROPLET PLUME	☐ ATTACHED ☐ DETACHED ☒ NONE
DESCRIBE PLUME BACKGROUND	START Material Stockpile END Material Stockpile
BACKGROUND COLOR	START Gray END Gray
SKY CONDITIONS	START Broken END Scattered
WIND SPEED	START 0 mph END 0 mph
WIND DIRECTION	START None END None
AMBIENT TEMPERATURE	START 71.5°F END 74.6°F
WET BULB TEMP.	
PERCENT RH	78%

SOURCE LAYOUT SKETCH

DRAW NORTH ARROW ☐ MAGNETIC ☒ TRUE



LAT:	LONG:	DECLINATION

ADDITIONAL INFORMATION

* = See Process Weight section of test For PW determination. Crushing reclaimed concrete and asphalt. No objectionable odors nor Fugitives detected.

OBSERVATION DATE: 3-22-2001 START TIME: 9:36:00 AM END TIME: 10:35:45 AM

MIN	SEC 0	15	30	45	MIN	SEC 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

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

OBSERVER'S NAME (PRINT)	Christopher L. Briley
OBSERVER'S SIGNATURE	Christopher L. Briley
DATE	3-22-2001
ORGANIZATION	Central Florida Testing Laboratories, Inc.
CERTIFIED BY	E.T.A. - Tampa
DATE	2-20-2001

CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Pre-Screen Belt - EP005

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

FORM NUMBER | PAGE 1 OF 1

CONTINUED ON VEO NUMBER

COMPANY NAME: ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3

STREET ADDRESS: 2105 Vulcan Road | CITY: Apopka

MAILING ADDRESS: Post Office Box 1493

CITY: Largo | STATE: Florida | ZIP: 33779

PHONE/KEY CONTACT | SOURCE PERMIT NUMBER: 7770179-003-AC

PROCESS EQUIPMENT: Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant | OPERATING MODE: * See Below

CONTROL EQUIPMENT: Water Spray Bar System | OPERATING MODE: 38-41 psi

DESCRIBE EMISSION PT.: drop point from magnet to pre-screen belt

DISTANCE TO EMISS. PT. START: 190' END: 190' | DIRECTION TO EMISS. PT. (DEGREES) START: 262° END: 262°

HEIGHT OF EMISS. PT. START: ~8' END: ~8' | HEIGHT TO EMISS. PT. REL. TO OBSERVER START: -2' END: -2'

VERTICAL ANGLE TO OBS. PT. START: -1° END: -1° | DIRECTION TO OBS. PT. (DEGREES) START: 262° END: 262°

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT START: read @ drop pt END: read @ drop pt.

DESCRIBE EMISSIONS START: None END: None

EMISSION COLOR START: None END: None | WATER DROPLET PLUME: ☐ ATTACHED ☐ DETACHED ☒ NONE

DESCRIBE PLUME/BACKGROUND START: Material Stockpile END: Material Stockpile

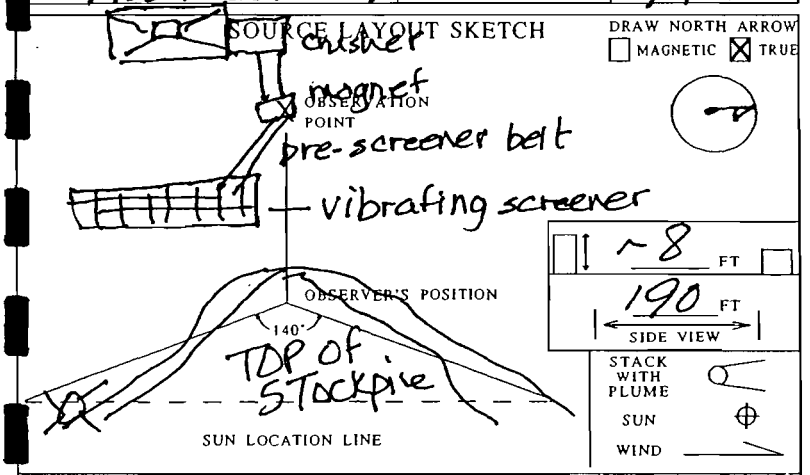
BACKGROUND COLOR START: Gray END: Gray | SKY CONDITIONS START: scattered END: scattered

WIND SPEED START: 0 END: 0 | WIND DIRECTION START: — END: —

AMBIENT TEMPERATURE START: 74.8°F END: 72.6°F | WET BULB TEMP. | PERCENT RH: 74%

SOURCE LAYOUT SKETCH

DRAW NORTH ARROW: ☐ MAGNETIC ☒ TRUE



LAT: | LONG: | DECLINATION

OBSERVATION DATE: 03-22-2001 | START TIME: 10:35:00AM | END TIME: 11:34:45AM

SEC / MIN	0	15	30	45	SEC / MIN	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

AVERAGE OPACITY: 0% | HIGHEST SIX MINUTE INTERVAL: 0%

ADDITIONAL INFORMATION: * See Process Weight Section of this test for PW determination. Crushing and classifying reclaimed asphalt & concrete. No objectionable odors or fugitives present.

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

OBSERVER'S SIGNATURE: Bernard A. Ball Jr. | DATE:

ORGANIZATION: Central Florida Testing Laboratories, Inc.

CERTIFIED BY: E.T.A. - Tampa | DATE: 02-20-01

CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Radial Stacker #1 - EP006

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

FORM NUMBER | PAGE 1 OF 1

CONTINUED ON VEO NUMBER

COMPANY NAME: ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3

STREET ADDRESS: 2105 Vulcan Road | CITY: Apopka

MAILING ADDRESS: Post Office Box 1493

CITY: Largo | STATE: Florida | ZIP: 33779

ZONE/KEY CONTACT | SOURCE PERMIT NUMBER: 7770179-003-AC

PROCESS EQUIPMENT: Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant | OPERATING MODE: * See Below

CONTROL EQUIPMENT: Water Spray Bar System | OPERATING MODE: 38-41 psi

DESCRIBE EMISSION PT.: drop point where material falls from radial #1 to F.P. Screener belt

DISTANCE TO EMISS. PT. START 170' END 170' | DIRECTION TO EMISS. PT. (DEGREES) START 280° END 280°

HEIGHT OF EMISS PT. START ~7' END ~7' | HEIGHT TO EMISS. PT. REL. TO OBSERVER START -14' END -14'

VERTICAL ANGLE TO OBS. PT. START -5° END -5° | DIRECTION TO OBS. PT. (DEGREES) START 280° END 280°

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START read @ drop pt. END read @ drop pt.

DESCRIBE EMISSIONS START None END None

EMISSION COLOR START None END None | WATER DROPLET PLUME ☐ ATTACHED ☐ DETACHED ☒ NONE

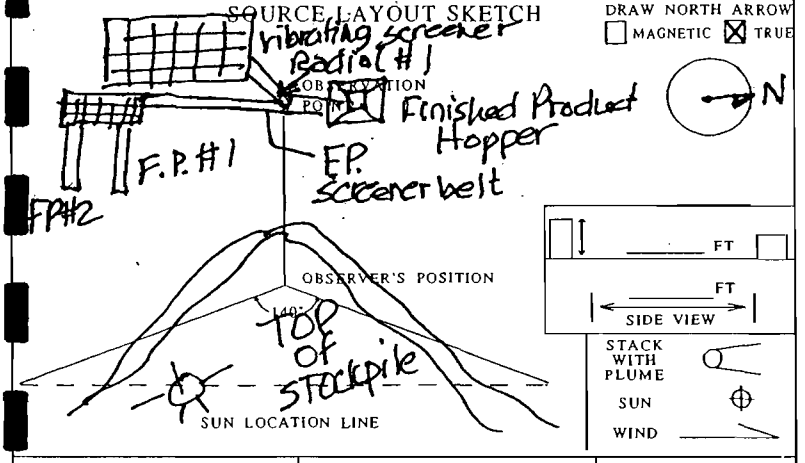
DESCRIBE PLUME BACKGROUND START Material Stockpile END Material Stockpile

BACKGROUND COLOR START gray END Gray | SKY CONDITIONS START scattered END scattered

WIND SPEED START 0 END 0 | WIND DIRECTION START — END —

AMBIENT TEMPERATURE START 71.5°F END 74.8°F | WET BULB TEMP. | PERCENT RH 79%

SOURCE LAYOUT SKETCH | DRAW NORTH ARROW ☐ MAGNETIC ☒ TRUE



OBSERVATION DATE	START TIME	END TIME
03-22-2001	9:32:00 AM	10:31:45 AM

SEC / MIN	0	15	30	45	SEC / MIN	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

AVERAGE OPACITY 0% | HIGHEST SIX MINUTE INTERVAL 0%

LAT: | LONG: | DECLINATION

ADDITIONAL INFORMATION: See Process Weight Section of this for PW determination. Crushing and classifying reclaimed concrete & asphalt. No objectionable odors nor fugitives

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

OBSERVER'S SIGNATURE: Bernard A Ball | DATE

ORGANIZATION: Central Florida Testing Laboratories, Inc.

CERTIFIED BY: E.T.A. - Tampa | DATE: 02-20-01

CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

EP007 "Radial Stacker Conveyor Belt #2"

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

FORM NUMBER: | PAGE / OF /

CONTINUED ON VEO NUMBER:

COMPANY NAME: ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3

STREET ADDRESS: 2105 Vulcan Road | CITY: Apopka

MAILING ADDRESS: Post Office Box 1493

CITY: Largo | STATE: Florida | ZIP: 33779

PHONE/KEY CONTACT: | SOURCE PERMIT NUMBER: 7770179-003-AC

PROCESS EQUIPMENT: Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant | OPERATING MODE: * See Below

CONTROL EQUIPMENT: Water Spray Bar System | OPERATING MODE: 38-41 psi

DESCRIBE EMISSION PT.: Drop point From discharge end of Radial stacker Conveyor Belt #2.

DISTANCE TO EMISS. PT. START 150' END 150' | DIRECTION TO EMISS. PT. (DEGREES) START 256°(W) END 256°(W)

HEIGHT OF EMISS PT. START ~20' END ~20' | HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~0' END ~0'

VERTICAL ANGLE TO OBS. PT. START 0° END 0° | DIRECTION TO OBS. PT. (DEGREES) START 256°(W) END 256°(W)

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT START read @ drop point END read @ drop point

DESCRIBE EMISSIONS START None END None

EMISSION COLOR START None END None | WATER DROPLET PLUME ☐ ATTACHED ☐ DETACHED ☒ NONE

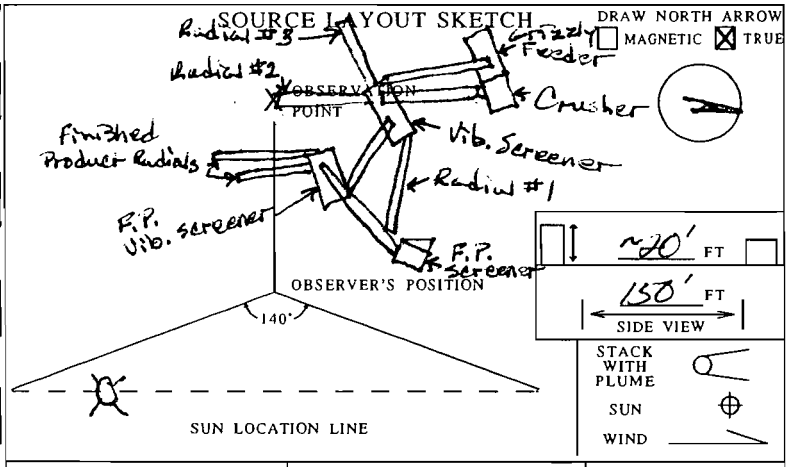
DESCRIBE PLUME BACKGROUND START Trees END Trees

BACKGROUND COLOR START Green END Green | SKY CONDITIONS START Scattered END Scattered

WIND SPEED START 0 mph END 0 mph | WIND DIRECTION START None END None

AMBIENT TEMPERATURE START 74.6°F END 77.3°F | WET BULB TEMP. | PERCENT RH 74%

SOURCE LAYOUT SKETCH — DRAW NORTH ARROW ☐ MAGNETIC ☒ TRUE



LAT: | LONG: | DECLINATION

ADDITIONAL INFORMATION: * = See Process Weight Section of Test For PW determination. Crushing reclaimed concrete and asphalt. No objectionable odors nor Fugitives detected.

OBSERVATION DATE: 3-22-2001 | START TIME: 10:38:00 AM | END TIME: 11:37:45 AM

MIN \ SEC	0	15	30	45	MIN \ SEC	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

AVERAGE OPACITY 0% | HIGHEST SIX MINUTE INTERVAL 0%

OBSERVER'S NAME (PRINT): Christopher L. Briley

OBSERVER'S SIGNATURE: Christopher L. Briley | DATE 3-22-2001

ORGANIZATION: Central Florida Testing Laboratories, Inc.

CERTIFIED BY: E.T.A. - Tampa | DATE 2-20-2001

CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

EP008 "Radial stacker Conveyor Belt #3"

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

FORM NUMBER | PAGE 1 OF 1

CONTINUED ON VEO NUMBER

COMPANY NAME: ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3

STREET ADDRESS: 2105 Vulcan Road | CITY: Apopka

MAILING ADDRESS: Post Office Box 1493

CITY: Largo | STATE: Florida | ZIP: 33779

PHONE/KEY CONTACT | SOURCE PERMIT NUMBER: 7770179-003-AC

PROCESS EQUIPMENT: Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant | OPERATING MODE: * See Below

CONTROL EQUIPMENT: Water Spray Bar System | OPERATING MODE: 38-41 psi

DESCRIBE EMISSION PT.: Drop point from discharge end of Radial stacker #3 to stockpile.

DISTANCE TO EMISS. PT. START ~200' END ~200' | DIRECTION TO EMISS. PT. (DEGREES) START 258°(W) END 258°(W)

HEIGHT OF EMISS PT. START ~20' END ~20' | HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~0' END ~0'

VERTICAL ANGLE TO OBS. PT. START 0° END 0° | DIRECTION TO OBS. PT. (DEGREES) START 258°(W) END 258°(W)

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT: START read @ drop point END read @ drop point

DESCRIBE EMISSIONS: START None END None

EMISSION COLOR: START None END None | WATER DROPLET PLUME: ☐ ATTACHED ☐ DETACHED ☒ NONE

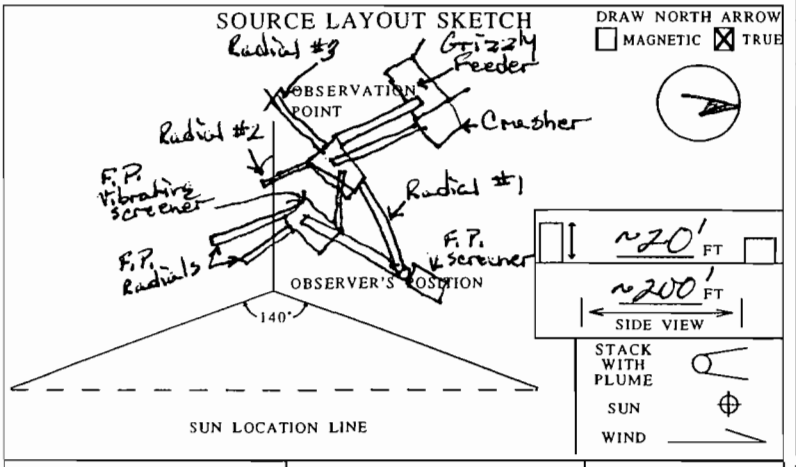
DESCRIBE PLUME BACKGROUND: START Trees END Trees

BACKGROUND COLOR: START Green END Green | SKY CONDITIONS: START Scattered END Scattered

WIND SPEED: START 0 mph END 0 mph | WIND DIRECTION: START None END None

AMBIENT TEMPERATURE: START 74.6°F END 77.3°F | WET BULB TEMP. | PERCENT RH: 74%

SOURCE LAYOUT SKETCH — DRAW NORTH ARROW: ☐ MAGNETIC ☒ TRUE



LAT: | LONG: | DECLINATION

ADDITIONAL INFORMATION: *=See Process Weight section of test for PW determination. Crushing reclaimed concrete and asphalt. No objectionable odors nor fugitives detected.

OBSERVATION DATE: 3-22-2001 | START TIME: 10:38:00 AM | END TIME: 11:37:45 AM

SEC / MIN	0	15	30	45	SEC / MIN	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

AVERAGE OPACITY: 0% | HIGHEST SIX MINUTE INTERVAL: 0%

OBSERVER'S NAME (PRINT): Christopher L. Briley

OBSERVER'S SIGNATURE: Christopher L. Briley | DATE: 3/22/2001

ORGANIZATION: Central Florida Testing Laboratories, Inc.

CERTIFIED BY: E.T.A. - Tampa | DATE: 2-20-2001

CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Generator Set - EP009

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

FORM NUMBER | PAGE 1 OF 1

CONTINUED ON VEO NUMBER

COMPANY NAME: ANGELO'S Recycled Materials, Inc. - Crusher Unit No.3

STREET ADDRESS: 2105 Vulcan Road | CITY: Apopka

MAILING ADDRESS: Post Office Box 1493

CITY: Largo | STATE: Florida | ZIP: 33779

ZONE/KEY CONTACT | SOURCE PERMIT NUMBER: 7770179-003-AC

PROCESS EQUIPMENT: Cedarapids Portable Reclaimed Asphalt and Concrete Crushing Plant | OPERATING MODE: * See Below

CONTROL EQUIPMENT: Generator NONE | OPERATING MODE: —

DESCRIBE EMISSION PT.: exhaust outlet from generator @ north side of trailer

DISTANCE TO EMISS. PT. START 223' END 223' | DIRECTION TO EMISS. PT. (DEGREES) START 306° END 306°

HEIGHT OF EMISS PT. START ~15' END ~15' | HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~8' END ~8'

VERTICAL ANGLE TO OBS. PT. START ~2° END ~2° | DIRECTION TO OBS. PT. (DEGREES) START 306° END 306°

APROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT START: read @ generator exhaust (same)

DESCRIBE EMISSIONS START: Heat Vapors END: Heat Vapors

EMISSION COLOR START: Clear END: Clear | WATER DROPLET PLUME: ☐ ATTACHED ☐ DETACHED ☒ NONE

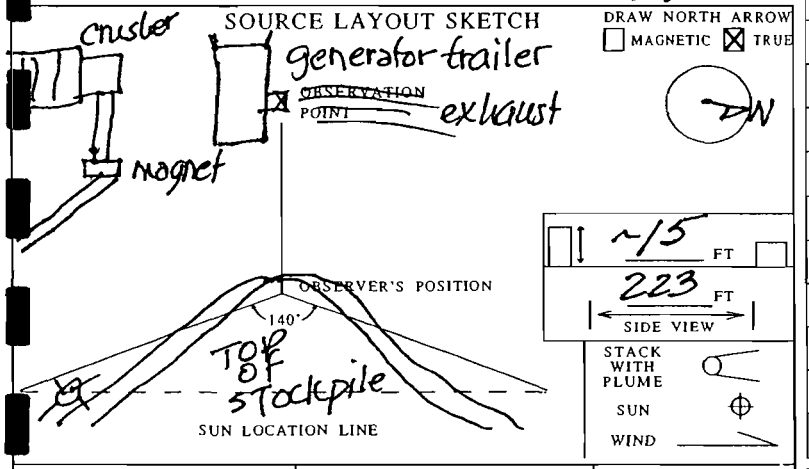
DESCRIBE PLUME BACKGROUND START: Green Trees END: Trees

BACKGROUND COLOR START: Green END: Green | SKY CONDITIONS START: Scattered END: scattered

WIND SPEED START: 0 END: 0 | WIND DIRECTION START: — END: —

AMBIENT TEMPERATURE START: 71.5°F END: 74.8°F | WET BULB TEMP. | PERCENT RH: 79%

SOURCE LAYOUT SKETCH



LAT: | LONG: | DECLINATION

ADDITIONAL INFORMATION: No objectionable odors nor fugitive detected. Generator @ max. for test. Consuming #2 virgin diesel fuel @ 10.4 gal/hr.

OBSERVATION DATE: 03-22-2001 | START TIME: 9:32:00 AM | END TIME: 10:31:45 AM

SEC / MIN	0	15	30	45	SEC / MIN	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

AVERAGE OPACITY: 0% | HIGHEST SIX MINUTE INTERVAL: 0%

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

OBSERVER'S SIGNATURE: Bernard A. Ball Jr. | DATE:

ORGANIZATION: Central Florida Testing Laboratories, Inc.

CERTIFIED BY: E.T.A. - Tampa | DATE: 02-20-01

VIII. SUPPLEMENTAL INFORMATION

FAX TRANSMITTAL PAGE

DATE: 01-25-01

FROM: CFTL

FAX NO.: 1-727-299-0023

TO: Bill Lefflers

COMPANY: FDEP - Permitting

FAX NO.: 850-922-6979

WE ARE SENDING YOU:

( ) PROPOSAL: _____

( ) REPORT: _____

( ) LETTER: _____

( ) DRAWING: _____

( ) LITERATURE: _____

( ) SPECIFICATIONS: _____

(X) OTHER: Legal Advertisements Angelo's #3 Apopka

ADDITIONAL COMMENTS: _____

_____

_____

If you did not receive this transmission, please call: (727)572-9797 Tampa Bay Area
(800)248-CFTL Florida

PAGE 1 OF 16

Central Florida Testing Laboratories, Inc.
12625 - 40th Street North, Clearwater, FL 33762

Central Florida Testing Laboratories, Inc.
Testing Development and Research
12625 - 40th Street North · Clearwater, Florida 33762
TAMPA BAY AREA (727) 572-9797 FLORIDA 1-800-248-CFTL FAX (727) 299-0023

October 24, 2000

Mr. Bill Lefflers
State of Florida
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: **Angelo's Recycled Materials, Inc.**
FDEP File Number 7770179-003-AC
Statewide Notice of Intent

Dear Mr. Lefflers:

Attached, please find the rest of the affidavits for the Public Notices published in the St. Petersburg Times and The Orlando Sentinel for Angelo's Recycled Materials, Inc. - Portable Crushing Unit No.3.

The periodicals mentioned above have informed me that the legal ads were published in the following counties:

The St. Pete Times – Citrus, Hernando, Hillsborough, Pasco, and Pinellas

The Orlando Sentinel – Brevard, Orange, Osceola, Seminole, Volusia and Lake.

Thank you for your cooperation in this matter. Should you have any questions or require any additional information to issue the permit for this facility, do not hesitate to contact our office.

Sincerely,
CENTRAL FLORIDA TESTING LABORATORIES, INC.

Bernard A. Ball, Jr.
Director of Environmental Services
BaB/bAb

enclosure: Affidavits of Public Notice

copies to: **Mr. Jim McElvenny – Angelo's Recycled Materials, Inc.**

Published Daily

State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Linda Bridgewater, who on oath says that he/she is the Legal Advertising Representative of Orlando Sentinel, a daily newspaper published at Cocoa in Brevard County, Florida; that the attached copy of advertisement, being a Public Notice of I in the matter of Draft Permit # 7770179-003-AC in the Brevard Court, was published in said newspaper in the issue; of 09/02/00

Affiant further says that the said Orlando Sentinel is a newspaper published at Cocoa, in said Brevard County, Florida, and that the said newspaper has heretofore been continuously published in said Brevard County, Florida, each Week Day and has been entered as second-class mail matter at the post office in Cocoa in said Brevard County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Bridgewater

The foregoing instrument was acknowledged before me this 12th day of October, 20 00, by Linda Bridgewater, who is personally known to me and who did take an oath.

Beverly C. Simmons

(SEAL)

BEVERLY C. SIMMONS
My Comm Exp. 3/10/2001
Bonded By Service Ins
No. CC619256
( ) Personally Known ( ) Other I.D.

[redacted] of its intent [redacted] air construction permit to [redacted] Materials, [redacted] diesel engine [redacted] red portable crete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM including PM_{10})	3.65 *	8.39 *
Nitrogen Oxides (NOx)	18.3	28.5
Carbon Monoxide (CO)	3.9	6.1
Sulfur Dioxide (SO_2)	1.2	1.9
Volatile Organic Compounds (VOC)	1.3	2.3

* This value represents the summation of the applicants emission calculations of the potential emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit, in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

The Department will issue the Final Air Construction Permit with the conditions of the Draft Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

and

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

and

Orange County Environmental Protection
Department - Air Program Section
[redacted]
3804 Coconut Palm Drive
Tampa, [redacted]619
Telephone: 813/744-6100

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Florida Dept. of Environmental Protection
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902
Telephone: 941/332-6975

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Dade County Department of Environmental Resources Mangement
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

Sarasota County Natural ResourcesDepartment
1301 Cattleman Road, Building A
Sarasota, Florida 34232
Telephone: 941/378-6128

The complete project file, which includes the application, technical evaluations, draft permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S., is available in the office of the permitting authority in Tallahassee. Interested persons may contact William Leffler, P.E., project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/921-9522, for additional information.

BRE3495582 SEPTEMBER 2,2000

BEST AVAILABLE COPY

Sentinel

Published Daily

State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Linda Bridgewater, who on oath says that he/she is the Legal Advertising Representative of Orlando Sentinel, a daily newspaper published at Kissimmee in Osceola County, Florida; that the attached copy of advertisement, being a PUBLIC NOTICE OF I in the matter of Draft Permit # 7770179-003-AC in the Osceola Court, was published in said newspaper in the issue; of 9/03/00

Affiant further says that the said Orlando Sentinel is a newspaper published at Kissimmee, Osceola County, Florida, and that the said newspaper has heretofore been continuously published in said Osceola County, Florida, each Week Day and has been entered as second-class mail matter at the post office in Kissimmee in said Osceola County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Bridgewater

The foregoing instrument was acknowledged before me this 12th day of October, 2000, by Linda Bridgewater, who is personally known to me and who did take an oath.

(SEAL)

[illegible] SIMMONS
[illegible] Exp. 3/10/2001
Bonded By Service Ins
No. CC612266
Personally Known [ ] Other I.D

STATE OF FLORIDA, DEPARTMENT OF ENVIR[illegible]L PROT[illegible]
DRAFT Permit No.: 7770179-003-AC
Angelo's Recycled Materials, Inc.

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM including PM_{10})	3.65 *	8.39 *
Nitrogen Oxides (NOx)	18.1	28.5
Carbon Monoxide (CO)	3.9	6.1
Sulfur Dioxide (SO_2)	1.2	1.9
Volatile Organic Compounds (VOC)	1.4	2.3

* This value represents the summation of the applicants emission calculations of the potential emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit, in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

The Department will issue the Final Air Construction Permit with the conditions of the Draft Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232

[illegible]thwest D[illegible]
[illegible] Govern[illegible]ter
Pensacola, Florida 32501
Telephone: 850/595-8300

Florida Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Florida Dept. of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Florida Dept. of Environmental Protection
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902
Telephone: 941/332-6975

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Dade County Department of Environmental Resources Mangement
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

Sarasota County Natural ResourcesDepartment
1301 Cattleman Road, Building A
Sarasota, Florida 34232
Telephone: 941/378-6128

The complete project file, which includes the application, technical evaluations, draft permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S., is available in the office of the permitting authority in Tallahassee. Interested persons may contact William Leffler, P.E., project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/921-9522, for additional information.

QSC3495584 SEPTEMBER 3 2000

BEST AVAILABLE COPY

Sentinel

Published Daily

State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Linda Bridgewater, who on oath says that he/she is the Legal Advertising Representative of Orlando Sentinel, a daily newspaper published at Deland in Volusia County, Florida; that the attached copy of advertisement, being a Public Notice of I in the matter of Draft Permit No 7770179-003-AC in the Volusia Court, was published in said newspaper in the issue; of 09/03/00

Affiant further says that the said Orlando Sentinel is a newspaper published at Deland, in said Volusia County, Florida, and that the said newspaper has heretofore been continuously published in said Volusia County, Florida, each Week Day and has been entered as second-class mail matter at the post office in Deland in said Volusia County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Bridgewater

The foregoing instrument was acknowledged before me this 12th day of October, 2000, by Linda Bridgewater, who is personally known to me and who did take an oath.

Beverly C. Simmons

(SEAL)

BEVERLY C. SIMMONS
My Comm Exp. 3/10/2001
Bonded By Service Ins
No. CC619266
[ ] Personally Known [ ] Other I D

[redacted] STRUCTI[redacted]T
[redacted]F FLORI[redacted]DEPARTMENT OF
ENVIRONMENTAL PROTECTION
DRAFT Permit No.: 7770179-003-AC
Angelo's Recycled Materials, Inc.

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations. Rule 62-212.400 F.A.C., A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM including PM10)	3.61 *	9.39 *
Nitrogen Oxides (NOx)	18.3	28.3
Carbon Monoxide (CO)	3.39	6.1
Sulfur Dioxide (SO2)	1.2	1.9
Volatile Organic Compounds (VOC)	1.1	2.3

* This value represents the summation of the applicants emission calculations of the potential emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

The Department will issue the Final Air Construction Permit with the conditions of the Draft Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard

Hillsbo[redacted]nty Envir[redacted]Protectio[redacted]on
1410 North 21st Street
Tampa, Florida 33605
Telephone: 813/272-5530

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-3422

Sarasota County Natural ResourcesDepartment
1301 Cattleman Road, Building A
Sarasota, Florida 34232
Telephone: 941/378-6128

The complete project file, which includes the application, technical evaluations, draft permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S., is available in the office of the permitting authority in Tallahassee. Interested persons may contact William Leffler, P.E., project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/921-9522, for additional information.

VOL3495589 SEPTEMBER 3, 2000

BEST AVAILABLE COPY

990815103

ST. PETERSBURG TIMES

Published Daily
St. Petersburg, Pinellas County, Florida

STATE OF FLORIDA } S.S.
COUNTY OF PINELLAS }

Before the undersigned authority personally appeared C. Egan who on oath says that he is Legal Clerk of the St. Petersburg Times – Pinellas, Hillsborough, Pasco, Hernando and Citrus Counties Editions a daily newspaper published at St. Petersburg, in Pinellas County, Florida: that the attached copy of advertisement, being a Legal Notice in the matter RE: Public Notice of Intent to Issue Air Permit was published in said newspaper in the issues of September 1, 2000

Affiant further says the said *St. Petersburg Times-Pinellas, Hillsborough, Pasco, Hernando and Citrus Counties Editions* is a newspaper published at St. Petersburg, in said Pinellas County, Florida, and that the said newspaper has heretofore been continuously published in said Pinellas County, Florida, each day and has been entered as second class mail matter at the post office in St. Petersburg, in said Pinellas County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement, and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

C. Egan
Signature of Affiant

Sworn to and subscribed before me this 1st day of September A.D. 2000

Joseph Fish
Notary Public

NOTARY PUBLIC STATE OF FLORIDA
OFFICIAL NOTARY SEAL
JOSEPH FISH
COMMISSION NUMBER
CC709814
MY COMMISSION EXPIRES
FEB. 13,2002

[redacted]BLIC[redacted]CE [redacted]ENT [redacted]SUE [redacted]ERMI

STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit No.: 7770179-003-AC
Angelo's Recycled Materials, Inc.

The Department of Environmental Protection (Department) gives notice of its intent to issue two air construction permits to Angelo's Recycled Materials, Inc., for a diesel engine powered portable concrete and asphalt material crusher they will be operating at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations; Rule 62-212.400 F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc. P.O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The units will emit fugitive particulate matter and the products of combustion from the diesel fuel. Air pollution control is accomplished by wetting as needed.

Total emissions of pollutants from each facility are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM including PM10)	3.65*	6.39*
Nitrogen Oxides (NOx)	18.3	28.5
Carbon Monoxide (CO)	3.9	6.1
Sulfur Dioxide (SO2)	1.2	1.9
Volatile Orgsnic Compounds (VOC)	1.5	2.3

This value represents the summation of applicants emission calculations: probable emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL AIR CONSTRUCTION Permits, in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permits issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received results in a significant change in these DRAFT Permits, the Department shall issue Revised DRAFT Permits and require, if applicable, another Public Notice.

The Department will issue the FINAL AIR CONSTRUCTION Permits with the conditions of the DRAFT Permits unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone 850-488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File numbers and the county in which the project is proposed: (b) A statement of how an when each petitioner received notice of the Department's action or proposed action; (c) A statement of how and when each petitioner received notice of the Departments' action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501
Telephone: 850/595-8300

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Dade County Department of Environmental Resources Management
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

Florida Dept. of Environmental Protection
Northeast District Office

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

Orange County Environmental Protection Department - Air Program Section
800 Mercy Drive
Orlando, Florida 32808
Telephone: 407/836-1400

Florida Dept. of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605

Central Florida Testing Laboratories, Inc.
Testing Development and Research
12625 - 40th Street North · Clearwater, Florida 33762
TAMPA BAY AREA (727) 572-9797 FLORIDA 1-800-248-CFTL FAX (727) 299-0023

September 19, 2000

Mr. Bill Lefflers
State of Florida
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Angelo's Recycled Materials, Inc.
FDEP File Number 7770179-003-AC
Statewide Notice of Intent

Dear Mr. Lefflers:

Attached, please find the affidavits for the Public Notices published in the St. Petersburg Times, The Orlando Sentinel and The Florida Times Union for Angelo's Recycled Materials, Inc. - Portable Crushing Unit No.3.

The periodicals mentioned above have informed me that the legal ads were published in the following counties:

The St. Pete Times – Citrus, Hernando, Hillsborough, Pasco, and Pinellas

The Orlando Sentinel – Brevard, Orange, Osceola, Seminole, Volusia and Lake.

The Florida Times Union – Duval, St. Johns, Nassau, Clay, Putnam, Bradford, Union, Columbia and Baker.

September 19, 2000

Subject: **Angelo's Recycled Materials, Inc.**
FDEP File Number 7770179-003-AC
Statewide Notice of Intent

Should you receive any public comment regarding the issuance of the statewide permit for this operation, please inform us as to the nature of the comment(s) so we can resolve any problems that might arise.

Thank you for your cooperation in this matter. Should you have any questions or require any additional information to issue the permit for this facility, do not hesitate to contact our office.

Sincerely,
CENTRAL FLORIDA TESTING LABORATORIES, INC.

Bernard A. Ball, Jr.

Bernard A. Ball, Jr.
Director of Environmental Services
BaB/bAb

enclosure: Affidavits of Public Notice

copies to: **Mr. Jim McElvenny – Angelo's Recycled Materials, Inc.**
Mr. Bob Coble – Angelo's Recycled Materials, Inc.

THE FLORIDA TIMES UNION
Jacksonville, FL
Affidavit of Publication

Florida Times-Union

ANGELO'S AGGREGATE MATERIALS, LT
PO BOX 1493
LARGO FL 33779

REFERENCE: 0119791
831871 Public Notice Of...

State of Florida
County of Duval

Before the undersigned authority personally appeared Wendy Reynolds who on oath says she is a Legal Advertising Representative of the Florida Times-Union, a daily newspaper published in Jacksonville in Duval County, Florida; that the attached copy of advertisement is a legal ad published in The Florida Times-Union. Affiant further says that The Florida Times-Union is a newspaper published in Jacksonville, in Duval County, Florida, and that the newspaper has heretofore been continuously published in Duval County, Florida each day, has been entered as second class mail matter at the post office in Jacksonville, in Duval County, Florida for a period of one year preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission, or refund for the purpose of securing this advertisement for publication in said newspaper

PUBLISHED ON: 09/02

FILED ON: 09/05/02

Wendy Reynolds

Name: Wendy Reynolds Title: Legal Advertising Representative

In testimony thereof, I have hereunto set my hand and affixed my official seal, this 5th day of September A.D.

NOTARY: Joanne L Weeks

[illegible] Angelo's Recycled Materials, Inc. [illegible] Notice of Intent to Issue [illegible] Construction Permits

The Department of Environmental Protection announces the receipt of a complete application and Notice of Intent to issue two Air Construction Permits to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P.O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The units will emit fugitive particulate matter and the products of combustion from the diesel fuel. Air pollution control is accomplished by wetting as needed.

Total emissions of pollutants from each facility are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM including PM10)	3.65*	8.39*
Nitrogen Oxides (NO_x)	18.3	28.5
Carbon Monoxide (CO)	3.9	6.1
Sulfur Dioxide (SO_2)	1.2	1.9
Volatile Organic Compounds (VOC)	1.5	2.3

*This value represents the summation of applicants emission calculations: probable emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL AIR CONSTRUCTION Permits, in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permits issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permits, the Department shall issue Revised DRAFT Permits and require, if applicable, another Public Notice.

The Department will issue the FINAL AIR CONSTRUCTION Permits with the conditions of the DRAFT Permits unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel at the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding, and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

Orange County Environmental Protection Department - Air Program Section
800 Mercy Drive
Orlando, Florida 32808
Telephone: 407/836-1400

Florida Dept. of Environmental Protection
Northeast District Office
160 Governmental Center
Pensacola, Florida 32501
Telephone: 850/595-8300

Florida Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Florida Dept. of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Florida Dept. of Environmental Protection
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902
Telephone: 941/332-6975

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Dade County Department of Environmental Resources Management
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Protection Commission
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Tampa, Florida 33605
Telephone: 813/272-5530

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

Sarasota County Natural Resources Department
1301 Cattleman Road, Building A
Sarasota, Florida 34232
Telephone: 941/378-6128

The complete project file, which includes the application, technical evaluations, draft permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S., is available in the office of the permitting authority in Tallahassee. Interested persons may contact William Lettier, PE project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/921-9522, for additional information.

[redacted]103

ST. PETERSBURG TIMES

Published Daily
St. Petersburg, Pinellas County, Florida

STATE OF FLORIDA } S.S.
COUNTY OF PINELLAS }

Before the undersigned authority personally appeared C. Egan
who on oath says that he is Legal Clerk
of the *St. Petersburg Times*
a daily newspaper published at St. Petersburg, in Pinellas County, Florida; that the attached copy of advertisement, being a Legal Notice
in the matter RE: Public Notice of Intent to Issue Air Permit

was published in said newspaper in the issues of September 1, 2000

Affiant further says the said *St. Petersburg Times*
is a newspaper published at St. Petersburg, in said Pinellas County, Florida, and that the said newspaper has heretofore been continuously published in said Pinellas County, Florida, each day and has been entered as second class mail matter at the post office in St. Petersburg, in said Pinellas County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement, and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

C. Egan
Signature of Affiant

Sworn to and subscribed before me this 1st day of September A.D. 2000

Joseph Fish
Notary Public

OFFICIAL NOTARY SEAL
JOSEPH FISH
COMMISSION NUMBER
CC709814
MY COMMISSION EXPIRES
FEB. 13,2002

[redacted] FLORIDA, D[redacted] OF ENVIRO[redacted] TECTION
DRA[redacted] 7770179-0
Angelo's Recycled Materials, Inc.

The Department of Environmental Protection (Department) gives notice of its intent to issue two air construction permits to Angelo's Recycled Materials, Inc., for a diesel engine powered portable concrete and asphalt material crusher they will be operating at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations; Rule 62-212.400 F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc. P.O. Box 1493, Largo, Florida 33779-1493.

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Total emissions of pollutants from each facility are estimated to be:

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This value represents the summation of applicants emission calculations: probable emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL AIR CONSTRUCTION Permits, in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permits issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received results in a significant change in these DRAFT Permits, the Department shall issue Revised DRAFT Permits and require, if applicable, another Public Notice.

The Department will issue the FINAL AIR CONSTRUCTION Permits with the conditions of the DRAFT Permits unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone 850-488-4370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File numbers and the county in which the project is proposed; (b) A statement of how an when each petitioner received notice of the Department's action or proposed action; (c) A statement of how and when each petitioner received notice of the Departments' action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501
Telephone: 850/595-8300

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Dade County Department of Environmental Resources Management
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

Florida Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Florida Dept. of Environmental Protection
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902
Telephone: 941/332-6975

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

Orange County Environmental Protection Department - Air Program Section
800 Mercy Drive
Orlando, Florida 32808
Telephone: 407/836-1400

Florida Dept. of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Sarasota County Natural Resources Department
1301 Cattleman Road, Building A
Sarasota, Florida 34232
Telephone: 941/378-8128

The complete project file, which includes the application, technical evaluation, draft permits, and the information submitted by the responsible official,, exclusive of confidential records under Section 403.111, F.S. is available in the office of the permitting authority in Tallahassee. Interested persons may contact William Laffer, PE project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/291/8522, for additional information.

[redacted]0815103 9/1/00

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BEST AVAILABLE COPY

The Orlando Sentinel
Published Daily

State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Linda Bridgewater, who on oath says that he/she is the Legal Advertising Representative of The Orlando Sentinel, a daily newspaper published at ORLANDO in ORANGE County, Florida; that the attached copy of advertisement, being a PUBLIC NOTICE OF I in the matter of ANGELO S RECYCLED MATERIALS, INC. in the ORANGE Court, was published in said newspaper in the issue; of 09/03/00

Affiant further says that the said Orlando Sentinel is a newspaper published at ORLANDO in said ORANGE County, Florida, and that the said newspaper has heretofore been continuously published in said ORANGE County, Florida, each Week Day and has been entered as second-class mail matter at the post office in ORLANDO in said ORANGE County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Bridgewater

The foregoing instrument was acknowledged before me this 6th day of September, 2000 by Linda Bridgewater who is personally known to me and who did take an oath.

Beverly C. Simmons

(SEAL)

BEVERLY C. SIMMONS
My Comm Exp. 3/10/2001
Bonded By Service Ins
No. CC619266
( ) Personally Known ( ) Other ID

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations. Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1483, Largo, Florida 33779-1483.

The applicant proposes to operate the facility in countries covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutants	Short-Term Emission Rate (pounds per hour)	Annual Emission Rate (tons per year)
Particulate Matter (PM) including PM$_{10}$	3.97 *	6.37 *
Nitrogen Oxides (NOx)	19.3	22.2
Carbon Monoxide (CO)	1.9	6.1
Sulfur Dioxide (SO$_2$)	1.3	1.5
Volatile Organic Compounds (VOC)	1.0	3.3

* This value represents the summation of the applicants emission calculations of the potential emission from crusher train. Actual emissions would be less because the 200 TPH Primaryhput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit, in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

The Department will issue the Final Air Construction Permit with the conditions of the Draft Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and *must be filed (received) in the Office of General Counsel of the Department*, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/ 487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's *right to request an administrative determination (hearing) under* Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it *in this notice of intent. Persons* whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

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Bureau of Air Regulation
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Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

Orange County Environmental Protection
Department - Air Program Section
800 Mercy Drive
Orlando, Florida 32808
Telephone: 407/836-1400

Florida Dept. of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501
Telephone: 850/595-8300

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Northeast District Office
7825 Baymeadows Way, Suite 200B
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Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

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South District Office
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Telephone: 941/332-6975

Broward County Department of Natural Resource Protection
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Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Dade County Department of Environmental Resources Mangement
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Telephone: 305/372-6925

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605

[redacted]ndo Sen[redacted]

Published Daily

State of Florida } S.S.
COUNTY OF ORANGE }

Before the undersigned authority personally appeared Linda Bridgewater who on oath says that he/she is the Legal Advertising Representative of The Orlando Sentinel, a daily newspaper published at DELAND in VOLUSIA County, Florida; that the attached copy of advertisement, being a PUBLIC NOTICE OF I In the matter of ANGELO'S RECYCLED MATERIALS, INC. in the VOLUSIA Court, was published in said newspaper in the issue; of 09/03/00

Affiant further says that the said Orlando Sentinel is a newspaper published at DELAND in said VOLUSIA County, Florida, and that the said newspaper has heretofore been continuously published in said VOLUSIA County, Florida, each Week Day and has been entered as second-class mail matter at the post office in DELAND in said VOLUSIA County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Bridgewater

The foregoing instrument was acknowledged before me this 6th day of September, 2000 by Linda Bridgewater who is personally known to me and who did take an oath.

(SEAL)

BEVERLY D SIMMONS
My Comm Exp. 3/10/2001
Bonded By Service Ins
No. CC619266
[ ] Personally Known [ ] Other I D

[redacted]MENTAL PRO[redacted]mit No.: 7770[redacted]
[redacted]Recycled Ma[redacted]

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations. Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1492, Largo, Florida 33779-1492.

The applicant proposes to operate this facility in counties covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutant	Hourly Emissions (lbs/hr)	Annual Emissions (tons per year)
Particulate Matter (PM) Including PM-10	1.5 *	3.29 *
Nitrogen Oxides (NOx)	13.1	28.8
Carbon Monoxide (CO)	2.6	5.7
Sulfur Dioxide (SO2)	1.0	2.2
Volatile Organic Compounds (VOC)	0.6	1.3

* This value represents the summation of the applicants emission calculations of the potential emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit, in accordance with the conditions of the Draft Permit unless a responses received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

The Department will issue the Final Air Construction Permit with the conditions of the Draft Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of Intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of Intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of Intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
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Hillsborough County Environmental Protection Commission
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Telephone: 813/272-5530

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
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[redacted] Orlando Sentinel
Published Daily

State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Linda Bridgewater who on oath says that he/she is the Legal Advertising Representative of The Orlando Sentinel, a daily newspaper published at KISSIMMEE in OSCEOLA County, Florida; that the attached copy of advertisement, being a PUBLIC NOTICE OF I in the matter of ANGELO 'S RECYCLED MATERIALS, INC. in the OSCEOLA Court, was published in said newspaper in the issue; of 09/03/00

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Linda Bridgewater

The foregoing instrument was acknowledged before me this 6th day of September, 2000 by Linda Bridgewater, who is personally known to me and who did take an oath.

(SEAL)

JENNY C. SIMMONS
My Comm Exp. 3/10/2001
Bonded By Service Ins
No CC619265
[ ] Personally Known [ ] Other I D

[redacted]: 7770179-[redacted]
[redacted]cled Materials

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations. Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1493, Largo, Florida 33778-1493.

The applicant proposes to operate the facility in counties covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutant	Maximum Emissions (Pounds per hour)	Annual Emissions (tons per year)
Particulate Matter (PM) Including PM-10	3.00 *	6.34 *
Nitrogen Oxides (NO_x)	16.5	26.2
Carbon Monoxide (CO)	2.9	6.0
Sulfur Dioxide (SO_2)	1.3	1.9
Volatile Organic Compounds (VOC)	1.3	3.2

* This value represents the summation of the applicants emission calculations of the potential emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit, in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

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State of Florida } S.S.
COUNTY OF ORANGE

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Affiant further says that the said Orlando Sentinel is a newspaper published at COCOA, in said BREVARD County, Florida, and that the said newspaper has heretofore been continuously published in said BREVARD County, Florida, each Week Day and has been entered as second-class mail matter at the post office in COCOA in said BREVARD County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Bridgewater

The foregoing instrument was acknowledged before me this 6th day of September, 2000 by Linda Bridgewater who is personally known to me and who did take an oath.

Beverly C. Simmons

(SEAL)

BEVERLY C. SIMMONS
My Comm Exp. 3/10/2001
Bonded By Service Ins
No. CC619266
Personally Known ( ) Other I D

[redacted] MENTAL PR[redacted]
[redacted]mit No.: 7778[redacted]
Angelo's Recycled Materials, Inc.

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutant	Potential Emissions (pounds per hour)	Actual Emissions (tons per year)
Particulate Matter (PM including PM-2)	11.1	5.56*
Nitrogen Oxides (NO_x)	11.1	11.1
Carbon Monoxide (CO)	1.1	1.1
Sulfur Dioxide (SO_2)	1.1	1.1
Volatile Organic Compounds (VOC)	1.1	1.1

* This value represents the summation of the applicants emission calculations of the potential emission from crusher trave. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit, in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

The Department will issue the Final Air Construction Permit with the conditions of the Draft Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner; the applicant's name and address; the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this Notice of Intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

Orange County Environmental Protection
Department - Air Program Section
800 Mercy Drive
Orlando, Florida 32808
Telephone: 407/836-1400

Florida Dept. of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501
Telephone: 850/595-8300

[redacted]

Florida Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Florida Dept. of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Florida Dept. of Environmental Protection
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902
Telephone: 941/332-6975

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1200

Dade County Department of Environmental Resources Mangement
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401

THE FLORIDA TIMES-UNION
Jacksonville, Fl
Affidavit of Publication

Florida Times-Union

ANGELO'S AGGREGATE MATERIALS, LT
PO BOX 1493
LARGO FL 33779

REFERENCE: 0119791
R31871 Public Notice Of...

State of Florida
County of Duval

Before the undersigned authority personally appeared Wendy Reynolds who on oath says she is a Legal Advertising Representative of The Florida Times-Union, a daily newspaper published in Jacksonville in Duval County, Florida; that the attached copy of advertisement is a legal ad published in The Florida Times-Union. Affiant further says that The Florida Times-Union is a newspaper published in Jacksonville, in Duval County, Florida, and that the newspaper has heretofore been continuously published in Duval County, Florida each day, has been entered as second class mail matter at the post office in Jacksonville, in Duval County, Florida for a period of one year preceeding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission, or refund for the purpose of securing this advertisement for publication in said newspaper.

PUBLISHED ON: 09/02

SEP 11 2000
BY: pl 9/11

FILED ON: 09/05/00 Wendy Reynolds

Name: Wendy Reynolds Title: Legal Advertising Representative

In testimony whereof, I have hereunto set my hand and affixed my official seal, the day and year aforesaid.

NOTARY: James L Weeks

NOTARY PUBLIC STATE OF FLORIDA
OFFICIAL NOTARY SEAL
JANICE I WEEKS
COMMISSION NUMBER
CC855805
MY COMMISSION EXPIRES
AUG. 15,2003

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit No.: 7770179-003-AC
Angelo's Recycled Materials, Inc.

The Department of Environmental Protection (Department) gives notice of its intent to issue two air construction permits to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites through Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P.O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The units will emit fugitive particulate matter and the products of combustion from the diesel fuel. Air pollution control is accomplished by wetting as needed.

Total emissions of pollutants from each facility are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM Including PM_{10})	3.65*	8.39*
Nitrogen Oxides (NO_x)	18.3	28.5
Carbon Monoxide (CO)	3.9	6.1
Sulfur Dioxide (SO_2)	1.2	1.9
Volatile Organic Compounds (VOC)	1.5	2.3

*This value represents the summation of applicants emission calculations: probable emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL AIR CONSTRUCTION Permits, in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permits issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permits, the Department shall issue Revised DRAFT Permits and require, if applicable, another Public Notice.

The Department will issue the FINAL AIR CONSTRUCTION Permits with the conditions of the DRAFT Permits unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

Orange County Environmental Protection Department - Air Program Section
800 Mercy Drive
Orlando, Florida 32808
Telephone: 407/836-1400

Florida Dept. of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501
Telephone: 850/595-8300

Florida Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Florida Dept. of Environmental Protection
Southwest District Office
3804 Cocanut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Florida Dept. of Environmental Protection
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902
Telephone: 941/332-6975

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Dade County Department of Environmental Resources Management
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Regulatory and Environmental Services Department
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Palm Beach County Health Department
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

Sarasota County Natural Resources Department
1301 Cattleman Road, Building A
Sarasota, Florida 34232
Telephone: 941/378-6128

The complete project file, which includes the application, technical evaluations, draft permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S., is available in the office of the permitting authority in Tallahassee. Interested persons may contact William Lettler, PE project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/921-9522, for additional information.

Orlando Sentinel

Published Daily

State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Linda Bridgewater, who on oath says that he/she is the Legal Advertising Representative of Orlando Sentinel, a daily newspaper published at Altamonte Springs in Seminole County, Florida; that the attached copy of advertisement, being a Public Notice Of Intent in the matter of Angelo's Recycled Materials, Inc. in the Seminole Court, was published in said newspaper in the issue; of 09/05/00

Affiant further says that the said Orlando Sentinel is a newspaper published at Altamonte Springs, in said Seminole County, Florida, and that the said newspaper has heretofore been continuously published in said Seminole County, Florida, each Week Day and has been entered as second-class mail matter at the post office in Altamonte Springs in said Seminole County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Linda Bridgewater

The foregoing instrument was acknowledged before me this 2nd day of February, 20 01, by Linda Bridgewater, who is personally known to me and who did take an oath.

Beverly C. Simmons

(SEAL)

BEVERLY C. SIMMONS
My Comm Exp. 3/10/2001
Bonded By Service Ins
No. CC619266
[ ] Personally Known [ ] Other I.D

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit No.: 7770179-003-AC
Angelo's Recycled Materials, Inc.

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Angelo's Recycled Materials, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this facility. The applicant's name and address are: Angelo's Recycled Materials, Inc., P. O. Box 1493, Largo, Florida 33779-1493.

The applicant proposes to operate the facility in counties covered by this notice. The plant will emit fugitive particulate matter from the crushing operation and the products of combustion from the diesel fueled power unit. Particulate emission control from the crusher operation is accomplished by wetting as needed.

Total emissions of pollutants from the facility are estimated to be:

Pollutant	Hourly Tonnage (pounds per hour)	Annual Tonnage (tons per year)
Particulate Matter (PM including PM-10)	1.61*	6.79*
Nitrogen Oxides (NO_x)	12.1	27.3
Carbon Monoxide (CO)	4.9*	9.1*
Sulfur Dioxide (SO_2)	1.1	1.9
Volatile Organic Compounds (VOC)	1.1	2.2

* This value represents the summation of the applicants emission calculations of the potential emission from crusher train. Actual emissions would be less because the 200 TPH throughput load does not bear on all three classifier screens nor all three radial stacker conveyors.

Because of the low emissions and limited time of operation at any one site, the crusher will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the Final Air Construction Permit, in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed Draft Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these Draft Permit, the Department shall issue Revised Draft Permit and require, if applicable, another Public Notice.

The Department will issue the Final Air Construction Permit with the conditions of the Draft Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are effected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A copy of the proposed construction permit and the technical evaluation are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Florida Dept. of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114

Florida Dept. of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555

Orange County Environmental Protection
Department - Air Program Section
800 Mercy Drive
Orlando, Florida 32808
Telephone: 407/836-1400

Florida Dept. of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501
Telephone: 850/595-8300

Florida Dept. of Environmental Protection
Northeast District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Florida Dept. of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100

Florida Dept. of Environmental Protection
Southeast District Office
400 North Congress Avenue
West Palm Beach, Florida 33416
Telephone: 561/681-6755

Florida Dept. of Environmental Protection
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902
Telephone: 941/332-6975

Broward County Department of Natural Resource Protection
218 Southwest First Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

Dade County Department of Environmental Resources Mangement
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-6925

Regulatory and Environmental Service
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Pr
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Palm Beach County Health Departmen
901 Evernia Street
Post Office Box 29
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Pinellas County Department of Environ
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

Sarasota County Natural ResourcesDep
1301 Cattleman Road, Building A
Sarasota, Florida 34232
Telephone: 941/378-6128

The complete project file, which includ
evaluations, draft permits, and the infor
sponsible official, exclusive of confider
403.111, F.S., is available in the office o
Tallahassee. Interested persons may c
project engineer at 111 South Magnolia
Florida 32301, or call 850/921-9522, for
COR3495027

ANGELO'S RECYCLED MATERIALS - PLANT NO. 3

Total Emissions Produced by Facility

Point	Emission Point Name	PM10 lb/hr	PM10 ton/yr	SOx lb/hr	SOx ton/yr	CO lb/hr	CO ton/yr	NOx lb/hr	NOx ton/yr	TOC lb/hr	TOC ton/yr
001	Receiving Hopper / Grizzly Feeder	0.42	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
002	Bohringer RC14 Impact Crusher	0.42	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
003	Vibrating Screener	0.42	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
004	Crushed Material Feed Conveyor	0.96	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
005	Pre-Screener Feed Conveyor	0.96	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
006	Radial Stacker No.1	0.96	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
007	Radial Stacker No.2	1.07	1.67	1.00	1.56	3.28	5.12	15.12	23.73	1.24	1.93
08	Radial Stacker No.3	1.07	1.67	1.00	1.56	3.28	5.12	15.12	23.73	1.24	1.93
09	Caterpillar Gen-Set	1.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Fugitives from	2.03	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Fugitives from	2.03	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Emissions: Plant/Generator	6.38/1.07	8.44/1.67	1.00	1.56	3.28	5.12	15.21	23.73	1.24	1.93

central company, inc.

PETROLEUM PRODUCTS

CENTRAL OIL COMPANY, INC.

FUEL OIL #2 (DISTILLATE) SPECIFICATIONS

CHARACTERISTICS	MIN	MAX
GRAVITY, API AT 60°F	32.3	
SULPHUR, % WT.		0.21
POUR POINT, F		15.
BS & W. %		0.2
VISCOSITY, SSU/100F SECS	33	40.
VISCOSITY,KINEMATIC CST/40C	2.0	4.
FLASH POINT, PM CC, F	150.	
ASH, % WT.		0.01
CETANE NUMBER	40.	
CARBON RESIDUE,RAMSBOTTOM (10%)		125.
CLOUD POINT, F		0.01
SEDIMENT BY EXTRACTION, % WT.	C&B	
APPEARANCE		1.5
COLOR, ASTM		1-A
CORROSION, COPPER STRIP 3 HRS.122°F		"REPORT"
BTU PER U.S. GALLON	138,500	

P. O. Box 1034 • Tampa, Florida 33601 • Phone 813-248-2105 • Telex 52-2508

Feb 2001

Date	Hours of Operation Crusher Start	Hours of Operation Crusher Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Hours of Operation Diesel Generator Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinkers or Water Truck Operation Start	Sprinkers or Water Truck Operation Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 2/26	7	of 5	10	1100	80	6:30	5:30	11	154	Yes x4			Working good
Tues. 2/27	6:30	5:30	11 hr	1300	80	6:00	6:00	12	166	Yes x4			Working good
Wed. 2/28	Crusher	Down											
Thurs. 3/1	RAIN- 11:30	3:30	4	800	180	11	4:00	5	106	one Sprinker on in rotation			generator- work on
Fri. 3/2	Down												
Sat. 3/3	Down												
Sun. 3/4				OFF									
Weekly Totals:			25	3200				28	428				

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 3 @ Apopka
DAILY LOG SHEET

Feb March 2001

Date	Hours of Operation Crusher Start	Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinklers or Water Truck Operation Start	Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 3/5	7-	5	10	1100	80	6^{30}	5^{30}	11	149	3X sprinkler on - Loader		water roads	
Tues. 3/6	8-	5	9	900	80	8-	5^{30}	9½	146	3X sprinkler on			rangoal
Wed. 3/7	7-	3^{30}	7½	650	80	6^{30}	4	9½	145	3X-sprinkler on - Belt Needed to be eclped			
Thurs. 3/8	7-	9	2	60	80	6^{30}	9^{00}	2½	25	yes crusher Down - Belt Riped			
Fri. 3/9	7- 12^{30}	12 3^{00}	8	800	80	6^{30}	3^{00}	9	135^{00}	yes- 3X- Orange County Shut Down -			Tow.ndy to Run -
Sat. 3/10	Off												
Sun. 3/11	Off		-										
Weekly Totals:			30^{50}	3510				41.5	600				

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 3 @ Apopka
DAILY LOG SHEET

March 2001

Date	Hours of Operation Crusher Start	Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinkers or Water Truck Operation Start	Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 3/12	7 - 12 12:30	3	8	850	80	6:30	3:30	9hr	145	yes - 3x.			Sand to windy
Tues. 3/13	No Running - Rain												
Wed. 3/14	11:30	2:30	3hr	60	80	10:30	3:00	4½	86	yes -		Dust water lines going In to 4 Pile	
Thurs. 3/15	7:45	3:00	8hr	850	80	7:00	3:00		130 est	yes - x3 -			Work on Water Yard - 4 Pile Built new water ways 4 Pile
Fri. 3/16	No Running												
Sat. 3/17	No Running												
Sun. 3/18	No Running							3:00					
Weekly Totals:								13	1231				

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 3 @ Apopka
DAILY LOG SHEET

Date	Hours of Operation Crusher Start	Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinklers or Water Truck Operation Start	Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 3/19	Rain												
Tues. 3/20	Rain												
Wed. 3/21	7-	5:30	10½	880	80	6:45	5:30	10:45	154	yes Front-		2x time - wet Rear -	
Thurs. 3/22	7-	5:30	10½	800	80	6:45	5:30	10:45	154	yes we		Also water Front race - Dry -	
Fri. 3/23	7- 11 12-	2:00	6	500	80	7-	2:00	7	120	yes		x2 - Sprinkled	radiator on Gen Door
Sat. 3/24	Off												Washing greasing and Maint.
Sun. 3/25	Off												
Weekly Totals:			27	71.80				27.90	428				

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 3 @ Apopka
DAILY LOG SHEET

Date	Hours of Operation Crusher Start	Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinklers or Water Truck Operation Start	Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 3/26	Dowen							Rain					
Tues. 3/27	7 - 12 12:30	5:30	9 / 10	800	80	6:30	4:30	9	145	On -	3K -		
Wed. 3/28	7 - 12		5	500	80	7 - 12		5	90	On		Rain came	
Thurs. 3/29	Down Rain												
Fri. 3/30	Down					Rain							
Sat. 3?/31	Down -					Rain							
Sun.													
Weekly Totals:			15	1300				14	235				

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 3 @ Apopka
DAILY LOG SHEET

APRIL 2001

Date	Hours of Operation Crusher Start	Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinklers or Water Truck Operation Start	Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 4/2	7AM	2:30	7 1/2	800	80	7AM	3:00	8	144	Sprinklers all day (3 hours or as need Loader's -			
Tues. 4/3	7AM	2:30	7 1/2	800	80	7-	3:00	8	144	Sprinkler on -			
Wed. 4/4	Down pan feeder - weld on crack fixed.									Sprinklers running Loader watering			
Thurs. 4/5	Down pan feeder —									sprinklers running Loader watering -			
Fri. 4/6	2PM	5:30	3 1/2	300	80	1:30	5:30	3 1/2	85	Sprinkler on - Watering -			
Sat. 4/7	OFF												
Sun. 4/8	OFF												
Weekly Totals:													

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 3 @ Apopka
DAILY LOG SHEET

April - 2007

Date	Hours of Operation Crusher Start	Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinkers or Water Truck Operation Start	Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 4/9	7 AM	5 30	10 1/2	1200	80	7	5 30	10 1/2	144	Yes on Sprinkler Watering Loader			LD
Tues. 4/10	7	5 30	10 1/2	1200	80	7	5 30	10 1/2	144	Yes Water Loader On		Sprinkler	
Wed. 4/11	Power									Yes		Sprinkler	
Thurs. 4/12													
Fri. 4/13													
Sat. 4/14													
Sun. 4/15	OFF												
Weekly Totals:													

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 1 @ Apopka
DAILY LOG SHEET

April - 2001

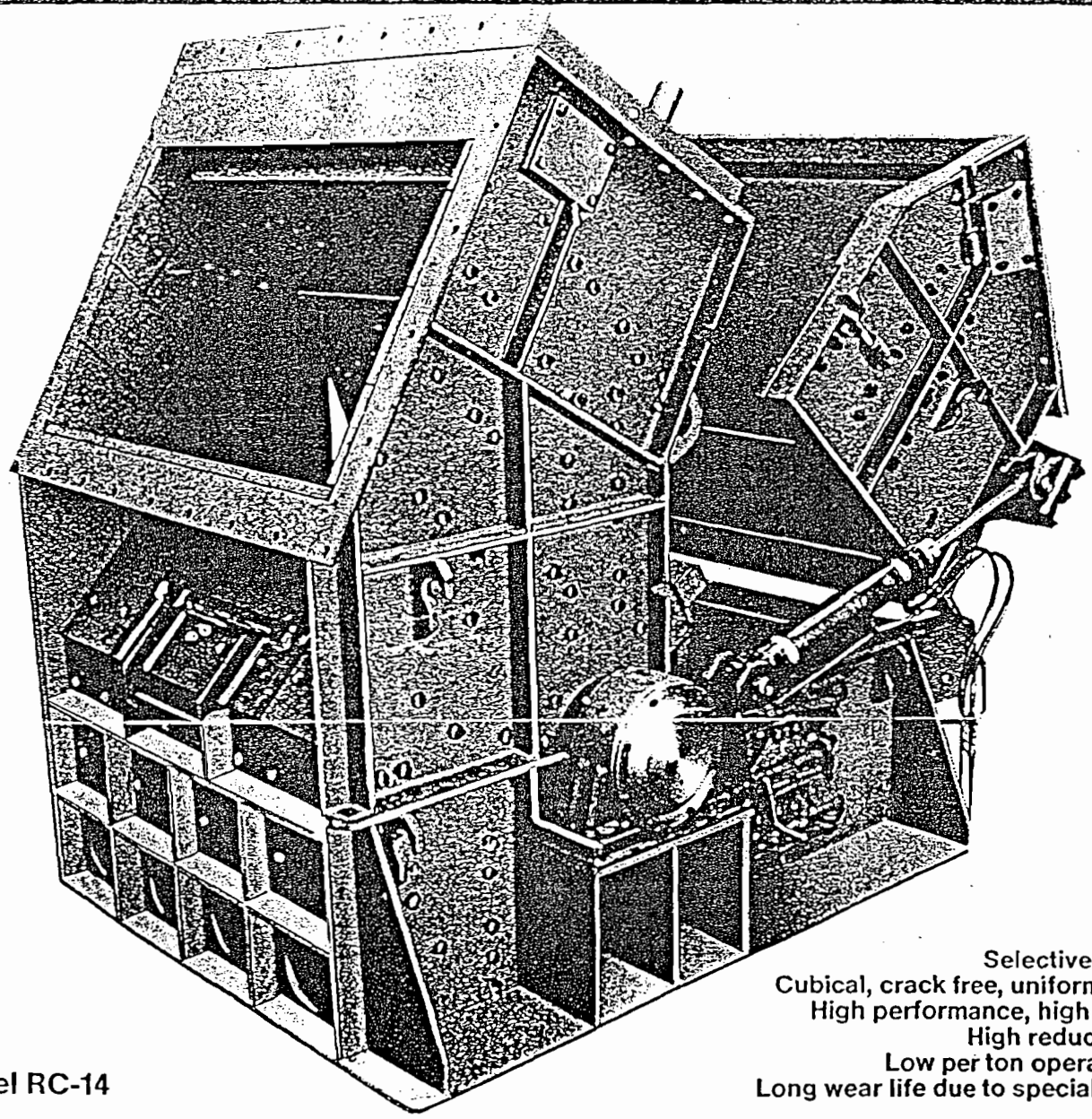
Date	Hours of Operation Crusher Start	Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinklers or Water Truck Operation Start	Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 4/16										Sprinkler on -			
Tues. 4/17		Down								sprinkler on			
Wed. 4/18										Sprinkler on			
Thurs. 4/19		Down								Sprinkler on			
Fri. 4/20													
Sat. 4/21													
Sun. 4/22													
Weekly Totals:													

ANGELO'S RECYCLED PRODUCTS
CRUSHER # 3 @ Apopka
DAILY LOG SHEET

BÖHRINGER

Impact Crushers – Recycling –

„RC" Series for Asphalt, Concrete with wire mesh/rebar and Building rubble



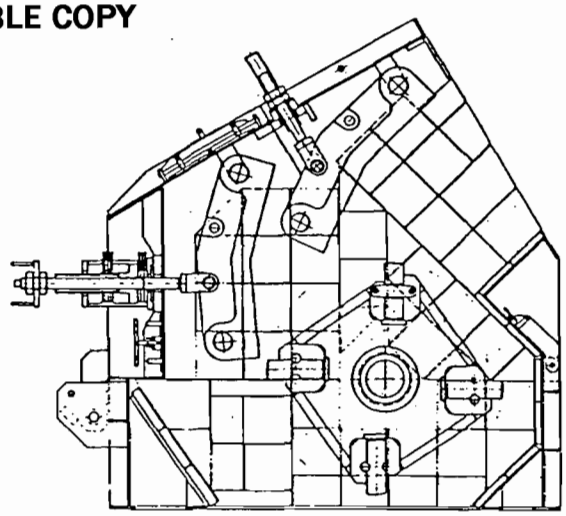
Model RC-14

Selective crushing.
Cubical, crack free, uniform product.
High performance, high capacitiy.
High reduction ratio.
Low per ton operating cost.
Long wear life due to special castings.

BÖHRINGER

Impact crushers „RC" series
– Recycling –

- increase your profits
- save energy
- lower your maintenance cost and down-time
- eliminate multi-stage crushing
- conserve raw material resources
- eliminate dumping costs



Model RC 14

Model	Rotor Dia. (Inch) Width	Feed Opening (Inch)	Capacity (Stph)	Power required (Hp)	Weight approx. (Lbs)
RC 18	59 x 70	71 x 47	300 – 400	300 – 500	88,700
RC 16	49 1/4 x 63	64 x 39	275 – 350	250 – 400	59,200
RC 14	49 1/4 x 55 15/16	57 x 37	175 – 275	200 – 350	41,700
RC 12	47 1/4 x 47 1/4	48 x 37	150 – 250	175 – 300	35,800
RC 10	43 5/16 x 41 3/8	42 x 31	100 – 175	125 – 200	29,800
RC 7	39 3/8 x 27 9/16	28 x 20	50 – 100	75 – 125	18,100

Design specifications subject to change without notice. Technical data are approximates and should be used as a guide only. Capacity and power requirements depend on the type and characteristics of the feed material.

With the "RC"-series Boehringer offers a specially developed robust impact crusher for the recycling of asphalt, concrete (with mesh and rebar), building rubble and aggregates. The innovative design features, use of high wear resistant castings and utilization factor of the wear parts make this horizontal shaft, fixed blow bar impactor superior to any crusher of this type available today. Depending on the specific application the machine can be equipped with different interior parts. Access to the machine for inspection and/or maintenance is simplified through hydraulic opening of the upper rear housing section. The heavy duty rotor, the heart of any impact crusher, is equipped with four rows of blow bars made of high wear resistant castings. The two impact aprons are symetric, single piece castings, reversible and interchangeable. Dependent on the application, we also offer aprons with replaceable impact plates. Their special suspension assures minimum down-time for turning or replacing. Both aprons are gravity hung, adjustable towards the blow bars, to maintain a constant gap and thus assure a uniform product size. Spindle assemblies permit gap adjustment hydraulically on the lower (rear) apron. The crusher housing is lined with bolted, interchangeable wear plates of high wear resistant steel. The machine can be furnished with a tower crane, mounted to the feed hood, to assist with maintenance.

We offer consulting, application egineering of individual machinery and complete plants, such as:

Stationary processing plant

Portable recycling plant

Modular skid mounted plant

cc: Mr. Dan Sherman, LIMCO
Mr. Jim Teague, LIMCO
Mr. Jeff Chandler, LIMCO

LINDER INDUSTRIAL MACHINERY COMPANY

Statewide To Serve You Better

"Sterling"

QUOTATION

1 S. Frontage Rd.
nt City, Florida 33566
54-2727

20900 Taft Street
Pembroke Pines, Florida 33029
(305) 433-2800

718 North Lane Avenue
Jacksonville, Florida 32254
(904) 786-6710

2289 Bruner Lane S.E.
Fort Myers, Florida 33912
(813) 481-2403

3950 West Hwy 326
Ocala, Florida 32675
(904) 629-7585

1400 S. Orange Blossom Trail
Orlando, Florida 32805
(407) 849-6560

TO Mr. Jim Thompson
S & E Contractors, Inc.
14561 58th Street North
Clearwater, Florida 34620

REFERENCE Linder Proposal #4005, Revision #1

DATE January 30, 1994

GENTLEMEN:
LINDER INDUSTRIAL MACHINERY COMPANY HEREBY SUBMITS TO YOU THE FOLLOWING QUOTATION ON THE GOODS LISTED BELOW SUBJECT TO ALL THE TERMS PRINTED ON THE REVERSE HEREOF. ALL OF WHICH ARE HEREBY MADE A PART OF ANY AGREEMENT BETWEEN US. THIS QUOTATION IS SUBJECT TO IMMEDIATE ACCEPTANCE AND THE PRICE INCLUDES ONLY THE MATERIAL LISTED BELOW.

EM	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
	1	New Boehringer Model RC-14 Portable Concrete and Asphalt Recycling Plant. Boehringer RC-14 Recycle Crusher: This impact crusher is a horizontal shaft, fixed blow bar impactor especially developed for crushing of concrete and asphalt. Aggregate may also be processed. Feed opening: 37" x 57" It consists of a lower housing with AR wear plates. The rotor is of solid construction with high WR^2, equipped with 4 blow bars made from special steel alloy castings that can be reversed and replaced vertically or horizontally. The rotor locks for safe maintenance. The bearings are mounted on shaft with replaceable adapter sleeves. The upper housing is protected with AR wear plates and designed with the rear part hinged, so it can be fully opened hydraulically. Two (2) impact mechanisms gravity hung with adjusting spindles (rear one adjusted hydraulically). Front apron is of single casting reversible. Rear apron fabricated with bolt-on impact plates. Feed Hood: of 3/4" thick welded steel reinforced construction with chain and rubber curtain. Feed spout lined 1-1/4". Recirculating Product Spout: 33" feed dia. made of 1/4" thick steel plate.		

This Quotation includes Pages:

ABOVE PRICES ARE F.O.B. Clearwater, Florida Area
SHIPMENT Approximately 10 to 12 weeks.
TERMS See Page 10.

Bill Magness
Projects Manager

/sw

LINDER INDUSTRIAL MACHINERY COMPANY
1601 S. Frontage Road
Plant City, Florida 33566

ITEM NO	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT

Discharge Chute: of 3/4" thick welded steel reinforced construction.

Electric Motor: 300 HP, 460 volt, 3 Ph., 1750 RPM, Service Factor 1.15, WEG electric motor with thermistors.

Crusher Drive: complete with eight (8) 8V-3000 belts, motor pulley, crusher pulley, motor slide rails, base, guard.

Feeder: 57" wide x 20' long vibrating grizzly feeder with 14' long solid deck impact section heavily lined complete with 6' long deck grizzly section with adjustable Scandia 400 AR steel bars.

Feeder Drive: Feeder is driven by a 60 HP, 460 volt, 3 Ph., 60 Hz., eddy current, TEFC electric motor with controller, fixed motor base, complete with v-belts, motor and feeder sheaves.

Feed Hopper: 20 tons capacity receiving hopper constructed of 1" thick steel plate with reinforcing. Hopper folds for height clearance. Hopper and feeder can be removed as a single module when highway restrictions prevail.

By-Pass Chute: Collecting hopper with flop gate located under grizzly section to contain material passing through grizzly section. Fabricated from 3/8" steel plate and reinforcing. 1/2" liners in areas of wear.

Chassis: Heavy duty 21" deep I-beam trailer frame construction with fishplating in areas of stress. Chassis is complete with access ladder, operator's walkways and platform, handrails, and back plates, king pin.

Under Carriage: Reyco triple axle suspension fitted with twelve (12) wheels and 11:00 x 20, 12 ply tires, air brakes, running and braking lights.

Blocking Legs: Folding type extending wider than plant for greater stability. Heavy duty with cross bracings. Plant design requires only 10" lift above ground. Four (4) steel blocks removed for transport.

Lifting Device: Consisting of five (5) hydraulic jacks mounted on trailer frame to elevate and

LINDER INDUSTRIAL MACHINERY COMPANY
1601 S. Frontage Road
Plant City, Florida 33566

QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
	level plant. Power unit consists of 35 gallon oil reservoir, pump, 7-1/2 HP motor, solenoid pushbuttons with controls, hoses, etc.	Steel Pad Feeder	
	Boehringer design 48" x 6' long vibrating feeder mounted under crusher to transfer crushed material and rebar steel onto a product discharge conveyor.	299,775 ea	
1	New Portable Discharge System with Magnetic Separator: Includes belt protecting gathering hopper with replaceable liners, 48" x 40' channel frame type conveyor, 20° troughing idlers, oil resistant belt, 10' of skirtboard with rubber flashing, 71" track rigid axle with two (2) 10:00 x 20, 12 ply tires, lunette eye tongue, heavy gauge tool box, 10 HP, 1800 RPM, TEFC, electric motor drive.	Supreme — Mtg 31,147 ea	
1	New Dings Model 44CR Continuous Belt Magnet with stainless steel discharge belt, 5 HP, 1800 RPM, TEFC, electric motor drive, and magnet transformer.	19,139 ea	
1	New Superior 36" x 80' Portable Radial Stacking Conveyor. - Main frame 30" deep truss with 3" x 3" x 1/4" chord angles and lattice members of 1-1/2" x 1-1/2" x 3/16" with tapered head and tail sections. - Adjustable height undercarriage, manual raise with pin lock height adjustment. - Telescoping axle with single 10:00 x 20 tires with telescoping axle and swiveling wheels. - 25 HP head end drive Dodge TXT-515 shaft mount reducer, 1800 RPM, TEFC motor, v-belt drive, and drive guard. Drive designed for 600 TPH of 100#/CF of material at 300 FPM belt speed. - Drive pulley 16" dia. crown faced, herringbone lagged magnetic drum with cold rolled shaft. - Tail pulley 14" dia. crown faced, wing type pulley with cold rolled shaft. - Take-Ups screw type with 18" of travel. - Belting 2 ply, 1/8" x 1/16" covers, 220 PIW. - Belt splice Flexco mechanical steel fasteners. - Troughing Idlers - CEMA B, Superior 605 series, 5" dia. rolls, 35° trough, sealed for life ball bearings, placed 16" on center under loading area, 4' on center on balance of conveyor. - Return idlers - CEMA B, Superior 605 series, 5" dia. rolls, sealed for life ball bearings, placed 10' on center.		

LINDER INDUSTRIAL MACHINERY COMPANY
1601 S. Frontage Road
Plant City, Florida 33566

ITEM NO	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
		- Guarding - Tail pulley shield, v-belt drive guard, pinch points and nip guards on drive pulley. - Paint - Unit to be one (1) coat primer and one (1) coat enamel painted Superior ~~Orange~~ Gray. - Pivot type belt scraper with counterweight tensioning. - Towing eye for field transport. - Anchor pivot plate maintains tail end during radial travel. - Backstop for TXT-515 reducer. - Radial receiving hopper, 5' long with adjustable rubber flashing. - Fifth wheel hitch for road travel.	25,038 ea	
	1	New Superior 24" x 80' Portable Radial Stacking Conveyor. - Main frame, 24" deep truss with 2-1/2" x 2-1/2" x 1/4" chord angles and lattice members of 1-1/2" x 1-1/2" x 3/16" with tapered head and tail sections and extra chord angle full length from tail end to head end and undercarriage pinning point. - Adjustable height under carraige - manual raise with pin lock height adjustment. - Telescoping axle, with single 10:00 x 20 tires with telescoping axle and swiveling wheels. - 15 HP head end drive, Dodge TXT-415 shaft mount reducer, 1800 RPM, TEFC motor, v-belt drive, and drive guard. Drive designed for 300 TPH of 100#/CF of material at 300 FPM belt speed. - Drive pulley 16" dia. crowned faced, herringbone lagged drum with cold rolled shaft. - Tail pulley 14" dia. crown faced, wing type pulley with cold rolled shaft. - Take-ups screw type with 18" of travel. - Belting 2 ply, 1/8" x 1/16" covers, 220 PIW. - Belt splice Flexco mechanical steel fasteners. - Troughing idlers - CEMA B, Superior 605 series, 5" dia. rolls, 35° trough, sealed for life ball bearings, placed 16" on center under loading area, 4' on center on balance of conveyor. - Return idlers - CEMA B, Superior 605 series, 5" dia. rolls, sealed for life ball bearings, placed 10' on center. - Guarding - Tail pulley shield, v-belt drive guard, pinch points and nip guards on drive pulley. - Paint - Unit to be one (1) coat primer and one (1) coat finish enamel painted Superior Orange. - Pivot type belt scraper with counterweight tensioning.	Picking Stations	

LINDER INDUSTRIAL MACHINERY COMPANY
601 S. Frontage Road
Plant City, Florida 33566

NO	QUANTITY	ARTICLES AND DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
		- Towing eye - for field transport. - Anchor pivot plate - maintains tail end during radial travel. - Backstop - for TXT-415 reducer. - Radial receiving hopper, 5' long with adjustable rubber flashing. - Fifth wheel hitch, for road travel.	21,398 w/	
	3	New Superior 24" x 60' Portable Radial Stacking Conveyors. - Main frame, 24" deep truss with 2-1/2" x 2-1/2" x 1/4" chord angles and lattice members of 1-1/2" x 1-1/2" x 3/16" with tapered head and tail sections. - Adjustable height under carraige - manual raise with pin lock height adjustment. - Telescoping axle, with single 10:00 x 20 tires with telescoping axle and swiveling wheels. - 10 HP head end drive, Dodge TXT-315 shaft mount reducer, 1800 RPM, TEFC motor, v-belt drive, and drive guard. Drive designed for 300 TPH of 100#/CF of material at 300 FPM belt speed. - Drive pulley 16" dia. crowned faced, herring-bone lagged drum with cold rolled shaft. - Tail pulley 14" dia. crown faced, wing type pulley with cold rolled shaft. - Take-ups screw type with 18" of travel. - Belting 2 ply, 1/8" x 1/16" covers, 220 PIW. - Belt splice Flexco mechanical steel fasteners. - Troughing idlers - CEMA B, Superior 605 series, 5" dia. rolls, 35° trough, sealed for life ball bearings, placed 16" on center under loading area, 4' on center on balance of conveyor. - Return idlers - CEMA B, Superior 605 series, 5" dia. rolls, sealed for life ball bearings, placed 10' on center. - Gathering Hopper, 5' long with adjustable rubber flashing. - Guarding - Tail pulley shield, v-belt drive guard, pinch points and nip guards on drive pulley. - Paint - Unit to be one (1) coat primer and one (1) coat finish enamel painted Superior Orange. - Pivot type belt scraper with counterweight tensioning. - Towing eye - for field transport. - Anchor pivot plate - maintains tail end during radial travel. - Backstop - for TXT-315 reducer. - Radial receiving hopper. - Fifth wheel hitch, for road travel.	15,858 ea.	