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

RECEIVED

MAY 14 2001

BUREAU OF AIR REGULATION

Division of Air Resources Management

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.*

   James J. McElvenny — Signature
   5/9/01 — Date

* 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):		

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: °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

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.

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

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.

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

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.**		

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):		

Emissions Unit Information Section ___4___ **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 = 0.28 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:	31. Initial Startup Date:	32. Emissions Unit Major Group SIC Code:
ACTIVE	**UNKNOWN**	**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):		

Emissions Unit Information Section ___5___ **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 = 0.28 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.**		

Emissions Unit Information Section __6___ of __11___
Radial Stacker Conveyor No.1 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.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.

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 Information Section __9_ of __11___
Generator Set

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):	

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 Information Section 10 of 11
FUGITIVE EMISSIONS FROM PAVED & UNPAVED AREAS
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

Emissions Unit Information Section 10 of 11
FUGITIVE EMISSIONS FROM PAVED & UNPAVED AREAS

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.**		

Emissions Unit Information Section 10 of 11
FUGITIVE EMISSIONS FROM PAVED & UNPAVED AREAS

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:
ID: **011**
[ ] No ID
[ ] ID Unknown

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: Dwell Time: Incinerator Afterburner Temperature:		°F seconds °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
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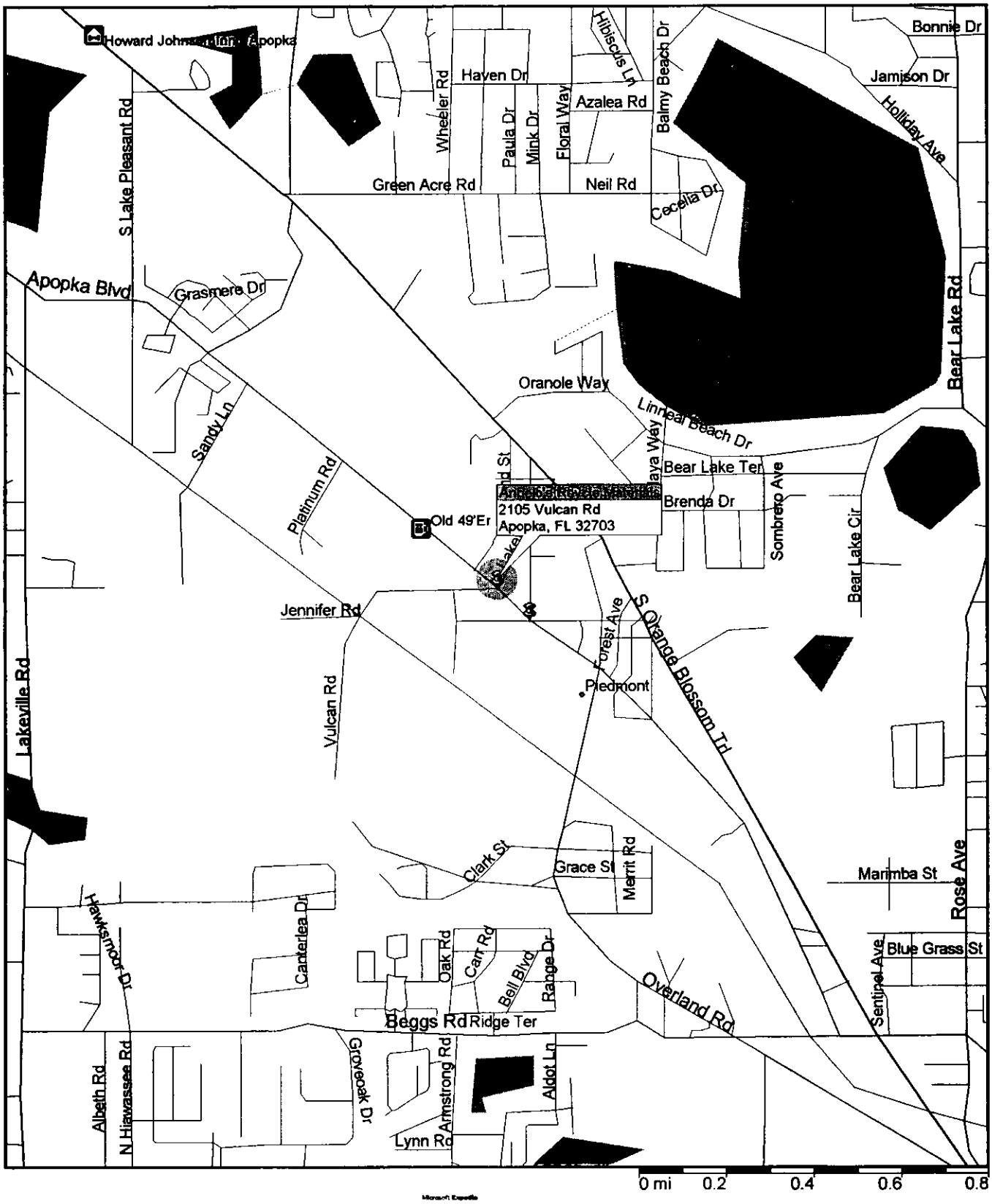
6. Procedures for Startup and Shutdown [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [X] Attached, Document ID: **VI** [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [X] Attached, Document 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

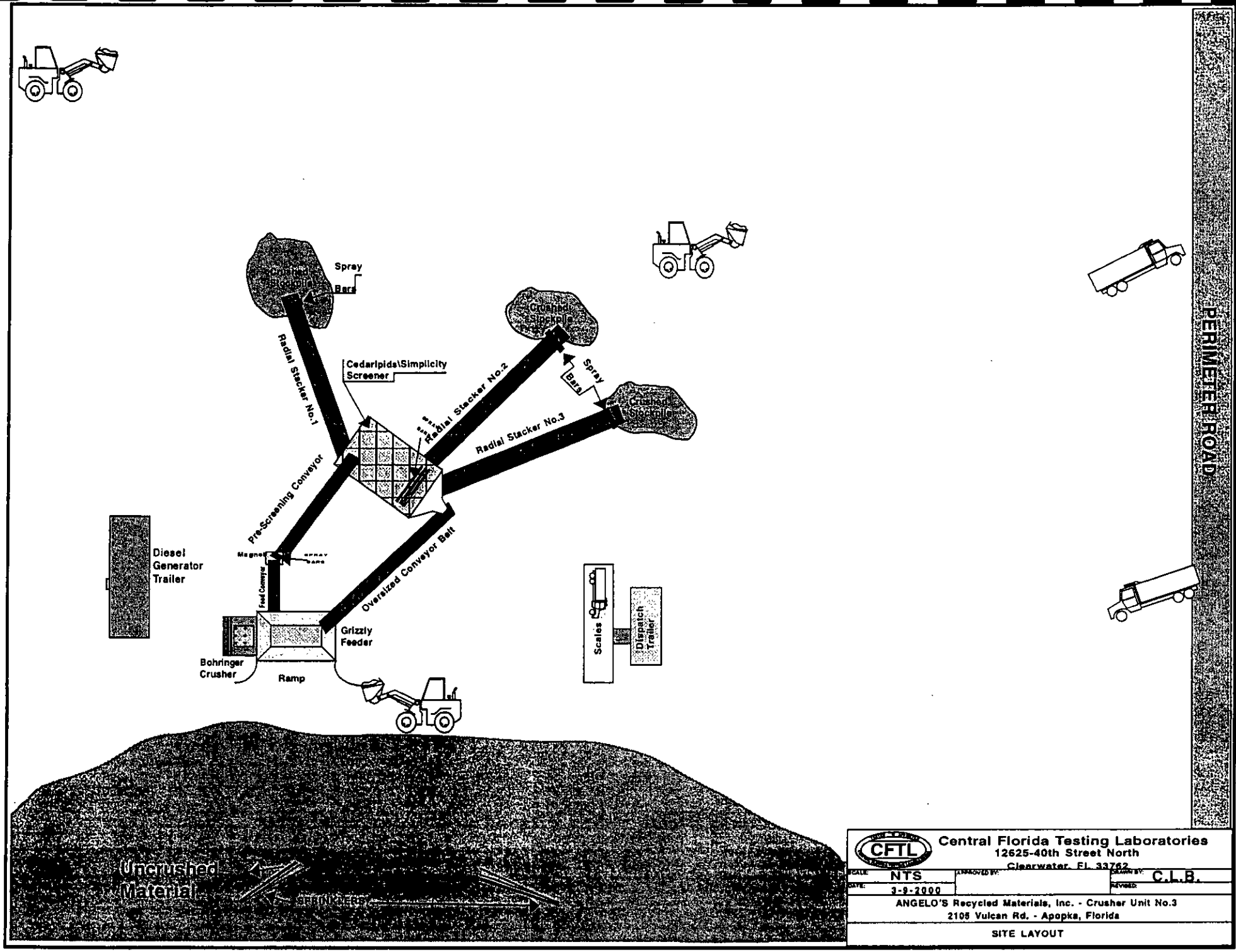
ANGELO'S RECYCLE MATERIALS, INC.

Location Of Crusher No.3



Streets98

II. SITE PLAN



CFTL

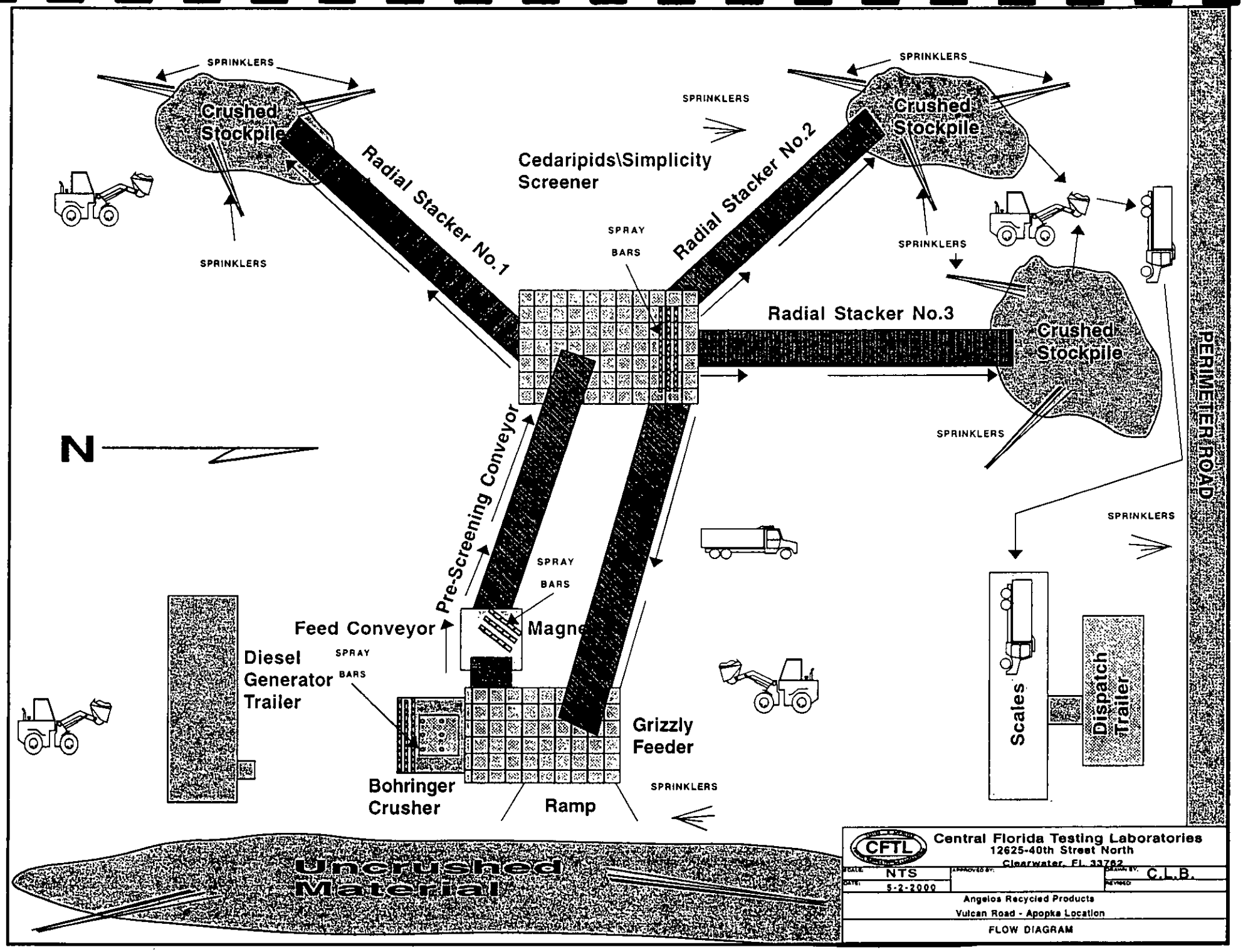
Central Florida Testing Laboratories
12625-40th Street North
Clearwater, Fl. 33762

SCALE: NTS	APPROVED BY:	DRAWN BY: 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.

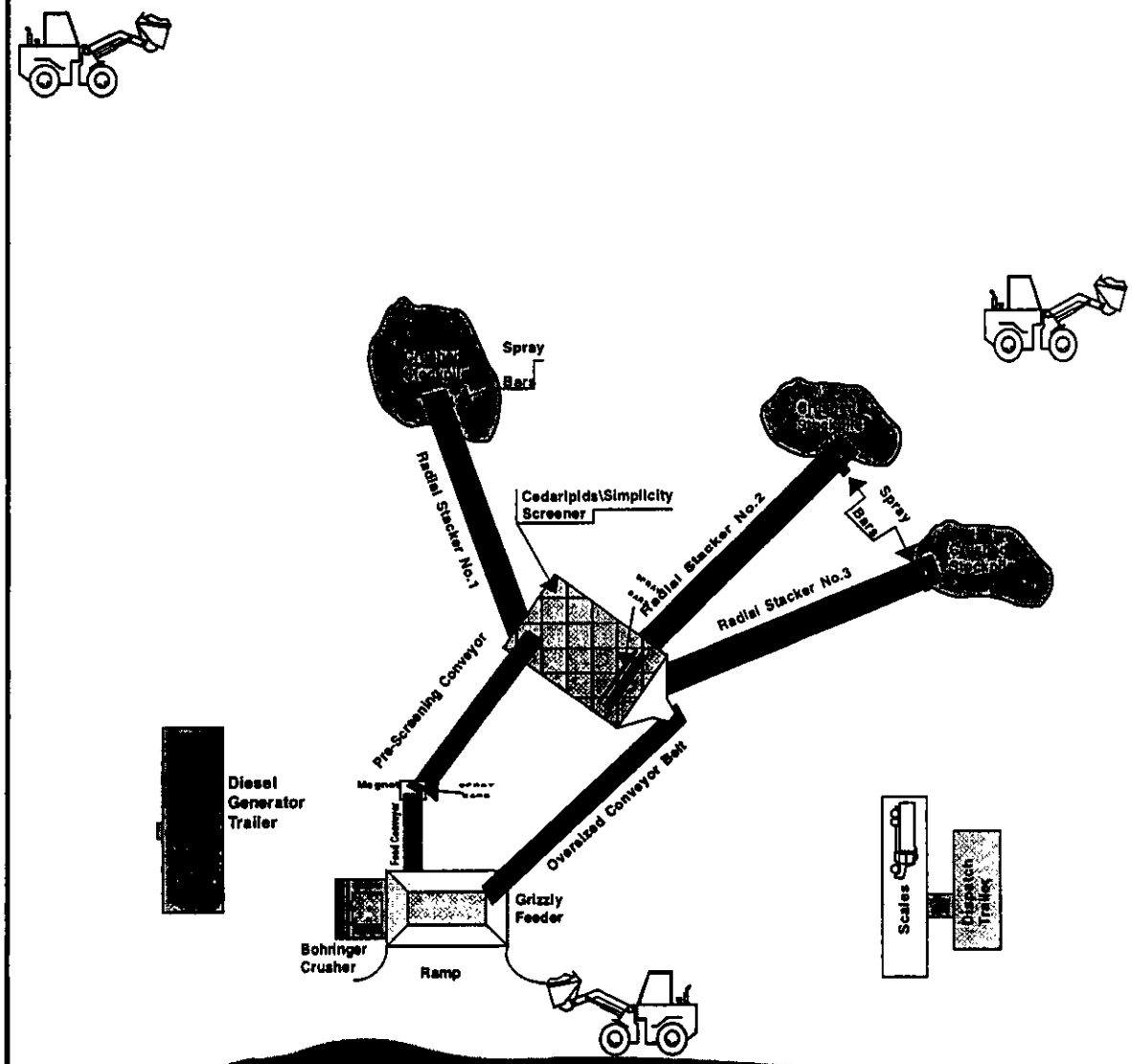
This facility will comply with all FDEP Rules and Regulations referencing portable crushing plants of this type.

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:	NTS	DESIGNED BY:	C.L.B.
DATE:	3-9-2000		

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

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

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"

FORM NUMBER | PAGE 1 OF 1

CONTINUED ON VEO NUMBER

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

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

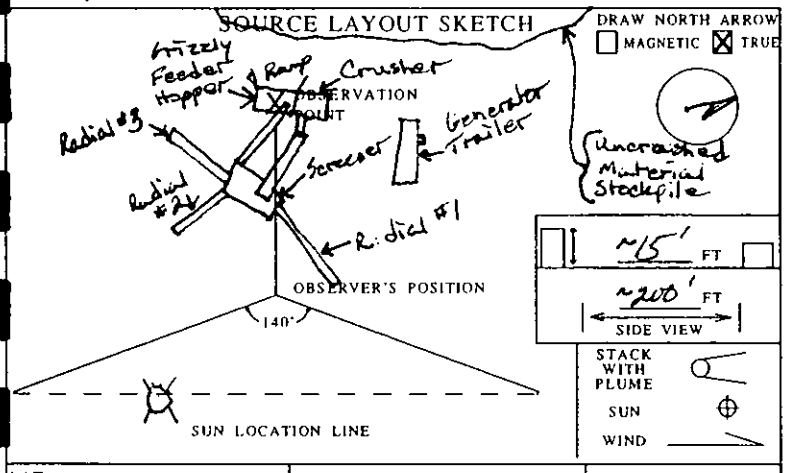
DESCRIBE PLUME BACKGROUND: START Material Stockpile END Material Stockpile

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

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	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

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

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: 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 crusher to prescreen conveyor belt.

DISTANCE TO EMISS. PT. START ~200' END ~200' | DIRECTION TO EMISS. PT. (DEGREES) START 276°(W) END 276°(W)

HEIGHT OF EMISS PT. START ~7' END ~7' | HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~-13' END ~-13'

VERTICAL ANGLE TO OBS. PT. START -7° END -7° | DIRECTION TO OBS. PT. (DEGREES) START 276°(W) END 276°(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 Plant Machinery END Plant Machinery

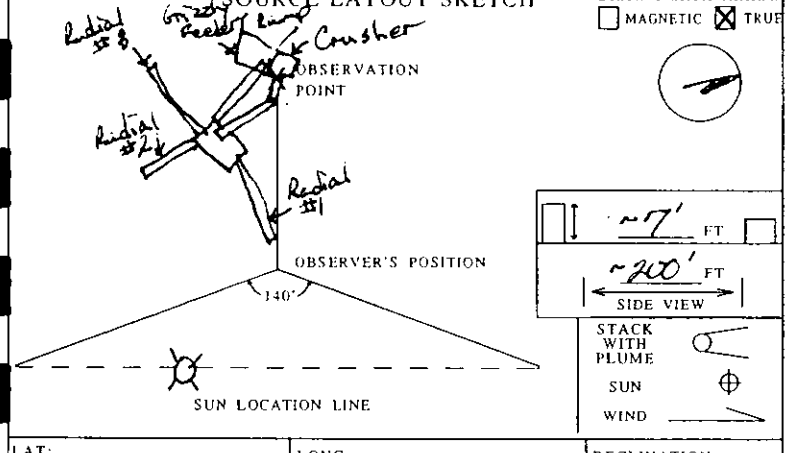
BACKGROUND COLOR START Gray END Gray | SKY CONDITIONS START Broken END Scattered

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

AMBIENT TEMPERATURE START 71.3°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

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

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 (same)

DESCRIBE EMISSIONS START None END None

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

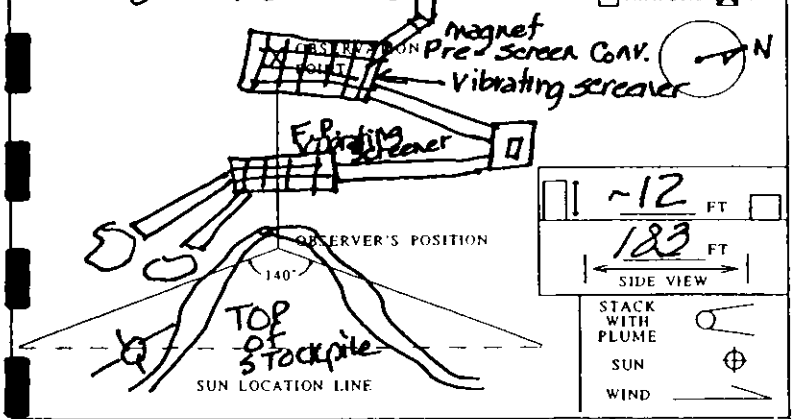
DESCRIBE PLUME BACKGROUND START Material Stockpile END Material Stockpile

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%

PLUME/STACK SKETCH — DRAW NORTH ARROW: ☐ MAGNETIC ☒ TRUE



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 / 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 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

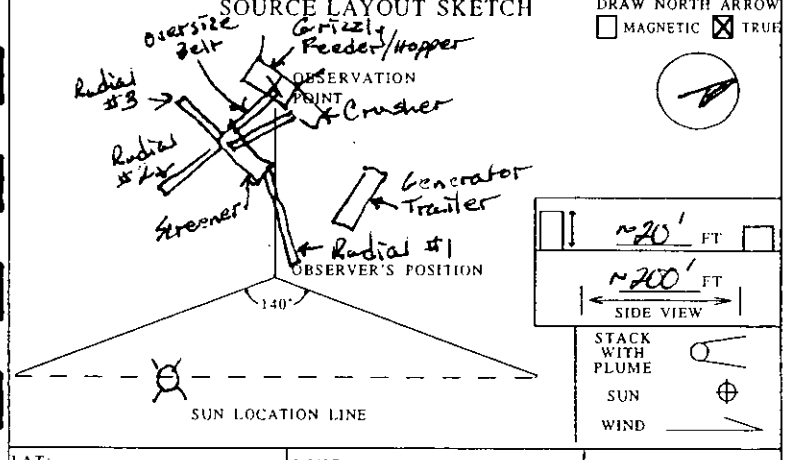
BACKGROUND COLOR START Gray END Gray | SKY CONDITIONS START Broken END Scattered

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

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

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 -10° END -10° | 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

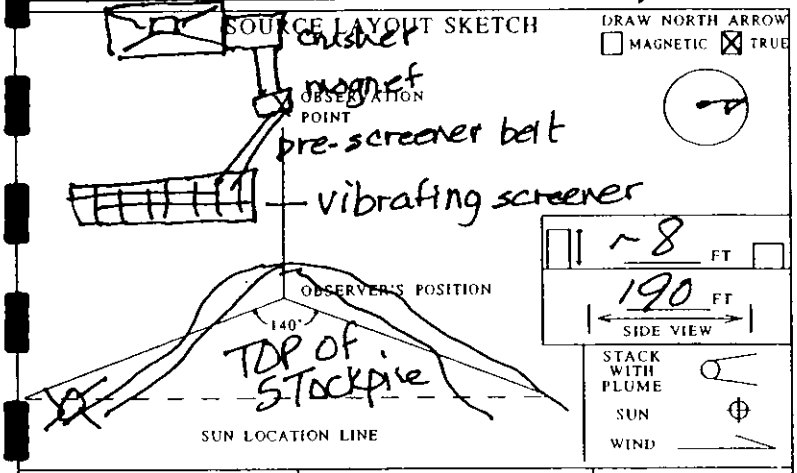
DESCRIBE PLUME BACKGROUND START Material Stockpile END Material Stockpile

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

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

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%

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

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 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

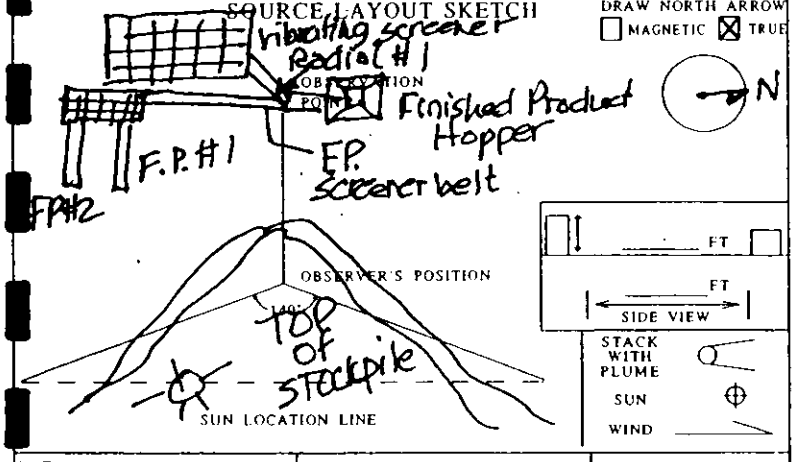
DESCRIBE PLUME BACKGROUND START Material Stockpile END Material Stockpile

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°A | WET BULB TEMP | PERCENT RH 79%

SOURCE LAYOUT SKETCH



DRAW NORTH ARROW ☐ MAGNETIC ☒ TRUE

LAT. | LONG: | DECLINATION

OBSERVATION DATE: 05-22-2001 | START TIME: 9:32:00AM | END TIME: 10:31:45AM

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 for 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 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

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

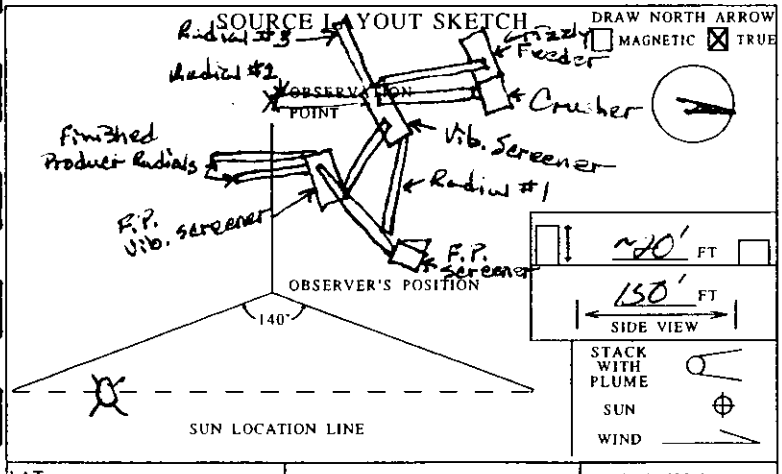
DESCRIBE PLUME BACKGROUND START Trees END Trees

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

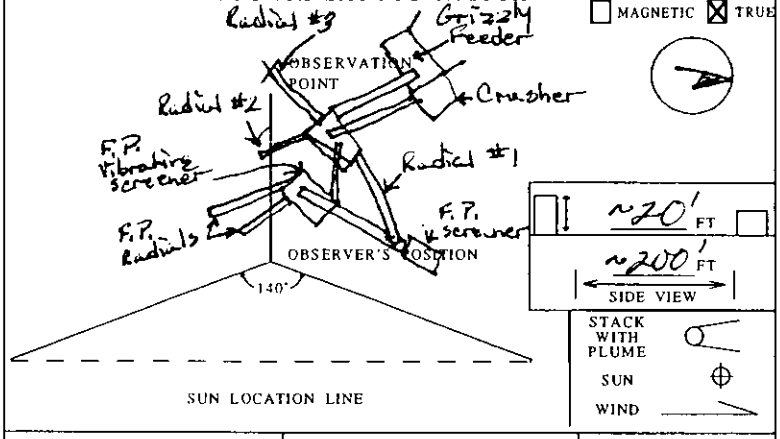
BACKGROUND COLOR START Green END Green | SKY CONDITIONS START Scattered END Scattered

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: 10:37:00 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

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

PLANT/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°

PROX. 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

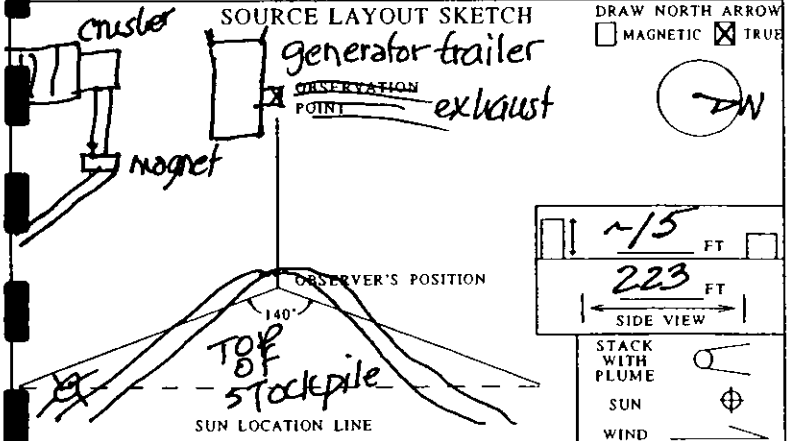
DESCRIBE PLUME BACKGROUND START: Green Trees END: Trees

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 fugitives 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.

(SEAL)

My Comm Exp. 3/10/2001
Bonded By Service Ins.
Personally Known Other I.D.

[redacted]s intent [redacted] air con[redacted]ermit to [redacted]Materials,[redacted]diesel en[redacted]red porta[redacted] 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})	3.45*	1.39*
Nitrogen Oxides (NOx)	16.1	21.5
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

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

3804 Co[redacted]n Drive
Tampa, [redacted]19
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

Sentinel

Published Daily

State of Florida }
COUNTY OF ORANGE } S.S.

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, in said 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.

Beverly C. Simmons

(SEAL)

SIMMONS
Exp. 3/10/2001
Service Ins
No. CC612256
Known [ ] Other ID

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 Emissions (pounds per hour)	Annual Emissions (tons per year)
Particulate Matter (PM including PM_{10})	1.65 *	5.77 *
Nitrogen Oxides (NO_x)	16.3	28.3
Carbon Monoxide (CO)	3.6	6.3
Sulfur Dioxide (SO_2)	1.3	4.6
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

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

Northwest District Office
Governor Bldg.
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.

OSC3495584 SEPTEMBER 3,2000

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, 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. CC619266
Personally Known Other I.D

[redacted]TRUCTI[redacted]
[redacted]F FLOR[redacted]RTMENT[redacted]
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 PM_{10})	3.65*	[illegible]
Nitrogen Oxides (NO_x)	[illegible]	[illegible]
Carbon Monoxide (CO)	[illegible]	4.1
Sulfur Dioxide (SO_2)	[illegible]	1.6
Volatile Organic Compounds (VOC)	1.3	[illegible]

*. 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
[illegible]

Florida Dept. of Environmental Protection
Central District Office
3319 [illegible]

Hillsbo[redacted]nty Envi[redacted]rotectio[redacted]on
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 Cattlemen 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

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

OFFICIAL NOTARY SEAL
JOSEPH FISH
COMMISSION NUMBER
CC709814
MY COMMISSION EXPIRES
FEB. 13,2002

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 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*	8.39*
Nitrogen Oxides (NOx)	18.3	28.5
Carbon Monoxide (CO)	3.9	6.1
Sulfur Dioxide (SO2)	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 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: 0119191
831671 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: 09/01

FILED ON: 09/05/00 Wendy Reynolds [signature]

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 [signature]

Angelo's [illegible]

[illegible]he Depar[illegible]ironmental [illegible] (Departm[illegible]otice of it[illegible]s to have [illegible]ruction p[illegible]elo's Recy[illegible]ls, Inc. fo[illegible] a diesel engine [illegible] concrete and asphalt material [illegible] that will be operated at construction and industrial [illegible] 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
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Carbon Monoxide (CO)	3.9	6.1
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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 throughout 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.

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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 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: 941/378-6126

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, PE project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/921-9522, for additional information.

[redacted]103 [redacted]

ST. PETERSBURG TIMES

Published Daily
St. Petersburg, Pinellas County, Florida

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

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

[signature]
Notary Public

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

[redacted] FLORIDA [redacted] OF ENVIRO[redacted]TECTION
DRA[redacted] 7770179-0[redacted]
[redacted]

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 1483, Largo, Florida 33779-1483.

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 (NOx)	18.3	28.5
Carbon Monoxide (CO)	3.9	6.1
Sulfur Dioxide (SO2)	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 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: 561/681-6735

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: 941/378-6129

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 Leffler, PE project engineer at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/921-9522, for additional information.

[900815100] 9/1/00

22192m

[illegible]

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
[illegible]

[illegible]

[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. *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]

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 1400, Largo, Florida 33779-1400.

The applicant proposes to operate this facility in activities 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	[illegible]	[illegible]
Particulate Matter (PM) including (PM_{10})	[illegible]	[illegible]
Nitrogen Oxides (NO_x)	[illegible]	[illegible]
Carbon Monoxide (CO)	[illegible]	[illegible]
Sulfur Dioxide (SO_2)	[illegible]	[illegible]
Volatile Organic Compounds (VOC)	[illegible]	[illegible]

* This value represents the summation of the applicant's emission calculations of the potential emission from crusher train. Actual emissions would be less because the 300 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

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: 561/681-6600

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 Management
33 Southwest Second Avenue, Suite 900
Miami, Florida 33130
Telephone: 305/372-[illegible]

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

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

T[redacted]do Se[redacted]

Published Daily

State of Florida } SS
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

Affiant further says that the said Orlando Sentinel is a newspaper published at KISSIMMEE, in said 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 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]e : 7770179-[redacted]
[redacted]ed Material[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 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)	[illegible]	[illegible]
Nitrogen Oxides (NOx)	[illegible]	[illegible]
Carbon Monoxide (CO)	[illegible]	[illegible]
Sulfur Dioxide (SO2)	[illegible]	[illegible]
Volatile Organic Compounds (VOC)	[illegible]	[illegible]

* This value represents the summation of the applicant's 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
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
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Florida Dept. of Environmental Protection
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Fort Lauderdale, Florida 33301
Telephone: 954/519-1202

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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: 904/630-4484

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

[redacted]lando 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 COCOA in BREVARD 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 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.

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

[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 1480, Largo, Florida 33779-1480.

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)	[illegible]	[illegible]
Nitrogen Oxides (NOx)	[illegible]	[illegible]
Carbon monoxide (CO)	[illegible]	[illegible]
Sulfur dioxide (SO2)	[illegible]	[illegible]
Volatile Organic Compounds (VOC)	[illegible]	[illegible]

* This value represents the summation of the applicant's 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
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: 954/519-1222

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

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 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
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 Leffler, 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, 2001, 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 Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM including PM10)	[illegible]	[illegible]
Nitrogen Oxides (NOx)	[illegible]	[illegible]
Carbon Monoxide (CO)	[illegible]	[illegible]
Sulfur Dioxide (SO2)	[illegible]	[illegible]
Volatile Organic Compounds (VOC)	[illegible]	[illegible]

* 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
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 Services D
117 West Duval Street, Suite 225
Jacksonville, Florida 32202
Telephone: 904/630-3484

Hillsborough County Environmental Prote
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 Environm
300 South Garden Avenue
Clearwater, Florida 33756
Telephone: 727/464-4422

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

The complete project file, which include evaluations, draft permits, and the inform sponsible official, exclusive of confident 403.111, F.S., is available in the office of Tallahassee. Interested persons may co project engineer at 111 South Magnolia Florida 32301, or call 850/921-9522, for a

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	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. 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 sprinkler 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 - Louder			water roads	LL
Tues. 3/6	8	5	9	900	80	8	5^{30}	9½	146	3x sprinkler on -			ran good	LL
Wed. 3/7	7	3^{30}	7½	650	80	6^{30}	4	9½	145	3x-sprinkler on - Belt Needed to be eclped				LL
Thurs. 3/8	7	9	2	60	80	6^{30}	9	2½	25	yes crusher Down - Belt Ripped				LL
Fri. 3/9	7 - 12 12^{30}	3^{00}	8	800	80	6^{30}	3^{00}	9	135^{00}	yes- 3x- Orang County Shut Down -			Too windy to run -	LL
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	Maintanance Performed & Operating Comments
Mon. 3/12	7 - 12	12:30 - 3	8	800	80	6:30	3:30	9hr	145	yes - 3x.			
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		130gal	yes - x3 -			Work on water Yard - 4 Pile Built New water ways
Fri. 3/16	No Running												
Sat. 3/17	No Running												
Sun. 3/18	No Running												
Weekly Totals:								13:30	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 [illegible]		2 x time - wet Run -	
Thurs. 3/22	7	5:30	10½	800	80	6:45	5:30	10:45	154	Yes We Also water front road -		Dry -	
Fri. 3/23	7 - 11 12 - 2:00		6	500	80	7	2:00	7	120	yes		X2 - sprinkled	Radiator on Gen Down
Sat. 3/24	Off												Washing greasing and Maintenance
Sun. 3/25	Off												
Weekly Totals:			27	2180				27.90	428.				

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 every 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									Sprinkler fixed. Sprinkler running Loader watering			
Thurs. 4/5	Down pan feeder -									sprinkler 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 - 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. 4/9	7 AM	5 30	10½	1200	80	7	5 30	10½	144	Yes on sprinkler watering loader			LD
Tues. 4/10	7	5 30	10½	1200	80	7	5 30	10½	144	Yes Water Loader on	sprinkler		
Wed. 4/11	Down									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

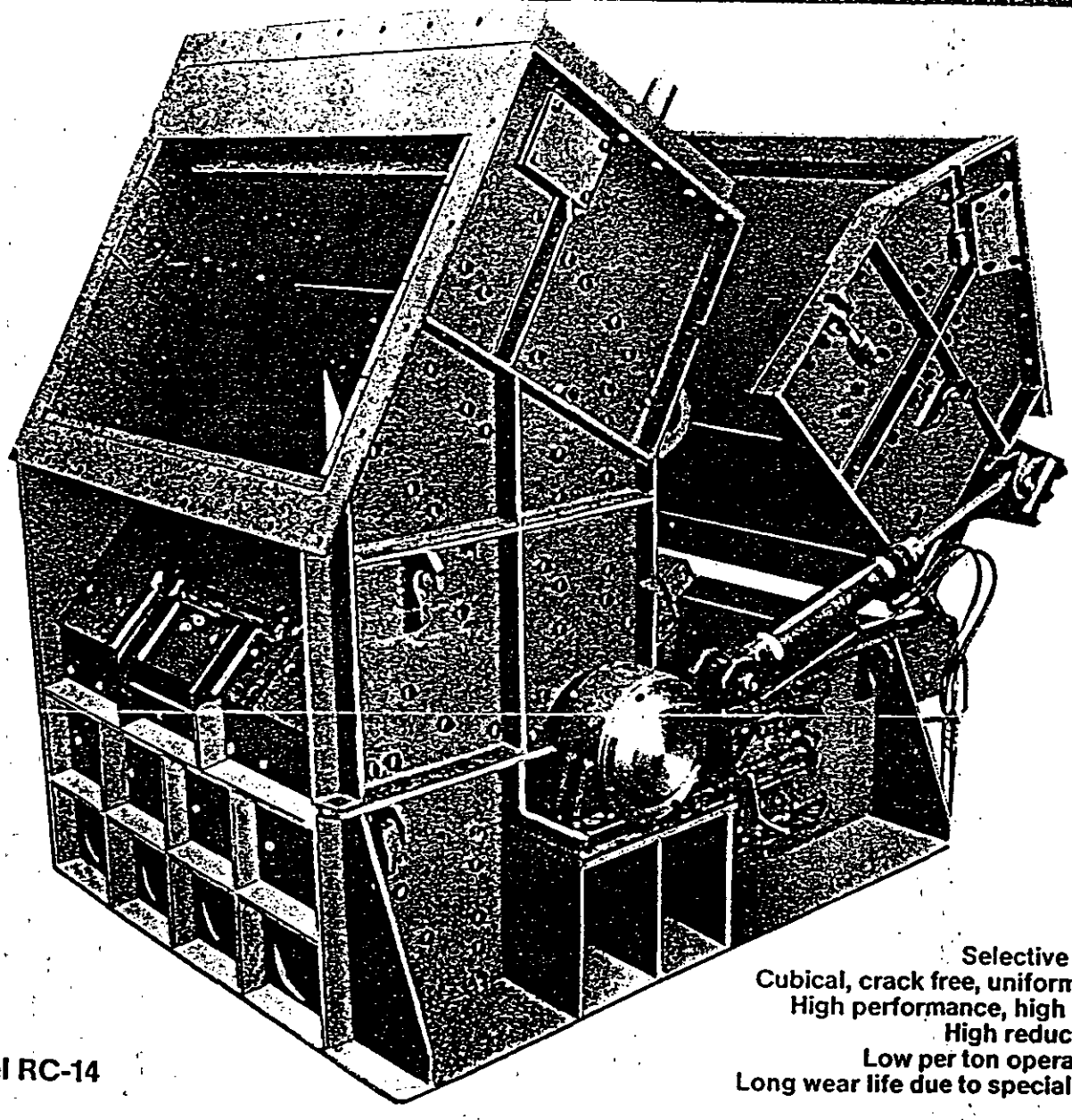
Date	Hours of Operation Crusher Start	Hours of Operation Crusher Stop	Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator Start	Hours of Operation Diesel Generator Stop	Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Sprinklers or Water Truck Operation Start	Sprinklers or Water Truck Operation Stop	Reason Yard Was Not Watered	Maintenance Performed & Operating Comments
Mon. 4/16										Sprink on -			
Tues. 4/17			Down							sprinkler on			
Wed. 4/18										Sprinkler on			
Thurs. 4/19			Down							Sprink 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



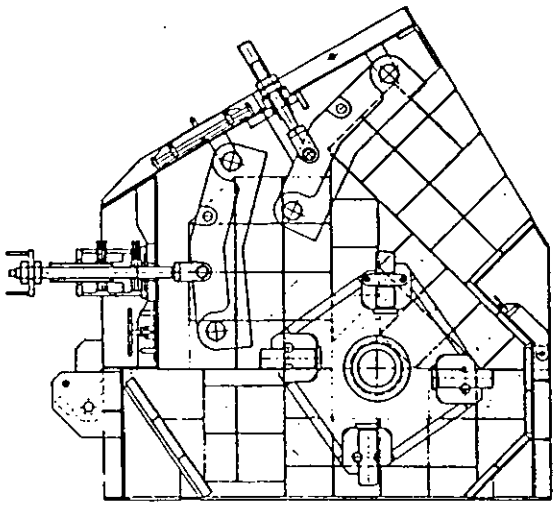
Model RC-14

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	59x70	71x47	300–400	300–500	88,700
RC 16	49¼x63	64x39	275–350	250–400	59,200
RC 14	49 ¼x55 15/16	57x37	175–275	200–350	41,700
RC 12	47¼x47¼	48x37	150–250	175–300	35,800
RC 10	43 5/16x41⅜	42x31	100–175	125–200	29,800
RC 7	39⅜x27 9/16	28x20	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

11 S. Frontage Rd.
t 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
Bill Magness /sw
Projects Manager

QUOTATION (cont'd.)

LINDER INDUSTRIAL MACHINERY COMPANY
1601 S. Frontage Road
Plant City, Florida 33566

QUOTATION NO: 4005, Rev. #1
DATE: 1-30-94

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.	Variable feed?	
		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.	Yes.	
		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.	By Pass Conveyor?	
		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.	299,775.00	
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.	Superior – Mag's 31,147.00	
1	New Dings Model 44CR Continuous Belt Magnet with stainless steel discharge belt, 5 HP, 1800 RPM, TEFC, electric motor drive, and magnet transformer.	19,139.00	
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 Picking Stations	
	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.		

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 ea	
	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	