

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMITS

In the Matter of an
Application for Permit

Mr. Bob Coble, General Manager

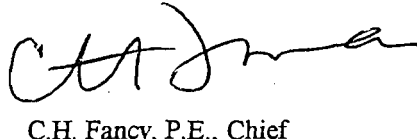
DEP File Nos. 7770262-001-AC &
7770262-005-AO

Angelo's Recycled Materials
Post Office Box 280226
Tampa, Florida 33682-0226

Enclosed are the FINAL Permit Numbers 7770262-001-AC and 7770262-005-AO for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. These permits are issued pursuant to Chapter 403, Florida Statutes.

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

Executed in Tallahassee, Florida.



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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMITS (including the FINAL permits) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 12-10-97 to the person(s) listed:

Mr. Bob Coble, Angelo's Recycled Materials *
District Air Program Administrators
County Air Program Administrators
Mr. George Sinns, Jr., Central Florida Testing Lab., Inc.

Clerk Stamp

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

Kevin Jochen 12-10-97
(Clerk) (Date)

FINAL DETERMINATION

Angelo's Recycled Materials
Relocatable Concrete and Asphalt Material Crusher

Permit Nos. 7770262-001-AC & 7770262-005-AO

An Intent to Issue a modified air construction permit and the initial air operation permit for a relocatable concrete and asphalt material crusher belonging to Angelo's Recycled Materials was distributed on October 14, 1997. The Public Notice of Intent to Issue Air Permits was published in the Tampa Tribune on October 29, 1997, and the Orlando Sentinel on November 12, 1997. These newspapers have circulation in the following counties: Alachua, Baker, Bradford, Brevard, Citrus, Columbia, DeSoto, Dixie, Hardee, Hernando, Hillsborough, Lake, Leon, Levy, Manatee, Marion, Orange, Osceola, Pasco, Pinellas, Polk, Sarasota, Seminole, Sumter, and Volusia. The facility will not be authorized to operate in other counties until the public notice requirements are met in the other counties and their permit is amended to authorize operation in the counties.

No comments were submitted in response to the public notice for this facility. However, comments have recently been submitted by Pinellas County Department of Environmental Management on similar draft permits for other relocatable crushers. The County requested that the Department note that the percent sulfur in the fuel is by weight, clarify the use of Method 22 to determine compliance with the federal regulations, and require reporting to the appropriate regulating agency which may not be the permitting authority in similar draft permits. These recommendations have been incorporated into the Final Permits for Angelo's Recycled Materials.

The final action of the Department will be to issue the permits for the counties covered by the public notices as proposed except for the changes noted above.



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

PERMITTEE:

Angelo's Recycled Materials
Post Office Box 280226
Tampa, Florida 33682-0226

FID No.	7770262
Permit No.	7770262-001-AC
Expires:	April 1, 1998

Authorized Representative:
Mr. Bob Coble, General Manager

Permit No.	7770262-005-AO
Expires	September 3, 2002

PROJECT AND LOCATION:

Permits authorizing operation of an existing diesel engine powered portable concrete and asphalt material crusher from single county to the following counties: **Alachua, Baker, Bradford, Brevard, Citrus, Columbia, DeSoto, Dixie, Hardee, Hernando, Hillsborough, Lake, Leon, Levy, Manatee, Marion, Orange, Osceola, Pasco, Pinellas, Polk, Sarasota, Seminole, Sumter, and Volusia.** The facility may operate in any county covered by a notice of intent to issue air permit published within 5 years of the proposed relocation and at any construction or industrial site listed on the notification of intent to relocate air pollutant emitting facility provided a permit for this facility has been issued or amended to authorize operation in the county. Approved sites include:

- 3804 118th Ave. N., Clearwater, Pinellas County. UTM: 17-333.9E 3084.8 N
- 1680 B - N. Hercules Ave., Largo, Pinellas County. UTM: 17-327.3 E 3096.2 N
- 0.8 miles east of Nebraska Ave. on Bearss, Tampa, Hillsborough County. UTM: 17-357.6 E 3107.6 N
- 1755 20th Ave. S.E. at Lake Ave., Largo, Pinellas County. UTM: 17-325.8 E 3087.0 N

It may operate in other counties within the state provided that the public notice requirements have been met in the counties and the facility's permit has been amended to authorize operation in the other counties.

STATEMENT OF BASIS:

These permits are issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, and 62-212. The above named permittee is authorized to operate the units in accordance with the conditions of these permits and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

Attached appendices are made a part of this permit:

Appendix GC	Permit General Conditions
Appendix CSC	Permit Common Specific Conditions

Howard L. Rhodes, Director
Division of Air Resources
Management

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

AIR CONSTRUCTION PERMIT 7770262-001-AC
AIR OPERATION PERMIT 7770262-005-AO

SECTION I. PERMITTING INFORMATION

SUBSECTION A. FACILITY DESCRIPTION

These units consist of a 200 TPH Bohringer Model RC14 crusher with associated equipment (grizzly feeder, screens, and conveyors) and a 545 KW Caterpillar Model 3412/SR4 diesel powered generator. Fugitive particulate matter emissions from the crusher are controlled by a Chem-Jet Dust Suppression Chemical Water Spray Bar Dust Suppression System which sprays a mixture of water and surfactant (Compound M-R). The units are used at construction and industrial sites throughout Florida to reduce the size of concrete and asphalt material.

SUBSECTION B. EMISSION UNITS

These permits address the following emission units:

EMISSIONS UNIT No.	SYSTEM	EMISSIONS UNITS DESCRIPTION
001	Raw Material Processing	Material handling and crushing (fugitive emissions)
002	Power	Diesel powered generator unit (fuel combustion products)

SUBSECTION C. REGULATORY CLASSIFICATION

These units have an SIC Code No. 1422 : Stone Quarrying / Processing, and constitutes a synthetic non-Title V minor relocatable source of air pollution.

SUBSECTION D. PERMIT SCHEDULE

- 07/15/97 Received application for Operation Permit.
- 07/25/97 Letter supplying additional information received.
- 07/25/97 Permit Application deemed complete.

SUBSECTION E. RELEVANT DOCUMENTS

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

- Application received July 15, 1997
- Central Florida Testing Lab., Inc. letter dated July 24, 1997.
- Technical Evaluation and Preliminary Determination dated October 1, 1997.
- 10/29/97 Intent published in the Tampa Tribune.
- 11/12/97 Intent published in the Orlando Sentinel.

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SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

SUBSECTION A. ADMINISTRATIVE

- A.1. Regulating Agencies: All documents related to the permit to operate, reports, tests, minor modifications and notifications shall be submitted to the District or County Environmental office which has jurisdiction over the facility operating these units.
- A.2. Changes/Modifications: All applications for permits to operate or modify these emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.
- A.3. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5. Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6. Expiration: This air construction permit shall expire on April 1, 1998. The air operation permit shall expire on September 3, 2002. [Rule 62-210.300(1), F.A.C.]. The permittee may, for good cause, request that the construction permit be extended. Such a request shall be submitted to the BAR prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7. Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the portable crusher and diesel powered generator units shall be in accordance with the capacities and specifications stated in the application. This facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4; 62-103; 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. It is also subject to 40 CFR 60, Subpart OOO. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]
- A.8. Relocation Notification: At least 7 days prior to relocating the plant to an approved county whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated in any county on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a county is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating in the county. If the facility was never authorized to operate in the county, the permittee shall obtain an amendment to this permit prior to relocating to the county.

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SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

- A.9. Application for an Operating Permit: An application to renew the operating permit must be submitted to the BAR at least 90 days prior to the expiration date of this operation permit. To renew an operation permit, the applicant shall submit the appropriate application form, fee, a report on any physical change or major maintenance to the facility, and compliance test reports as required by this permit. [Rule 62-4.220, F.A.C.]

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

SUBSECTION A. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Material handling/processing	Bohringer crusher, conveyors, screens, and feeder (fugitive particulate matter emissions)
002	Power	Caterpillar diesel engine drive (products of combustion)

Emission unit No. 001 shall comply with all applicable provisions of 40 CFR 60, Subpart OOO, Chapters 62-210, F.A.C., and 62-296, F.A.C.

EMISSION LIMITATIONS

A.1. The crusher processing system is subject to the emission limits of 40 CFR 60, Subpart OOO and the PM RACT regulations (Rule 62-296.700, F.A.C.). When subject to more than one standard, the more stringent standard takes precedence. The process emission sources and their visible emission limits are listed below.

<u>Emission Source</u>	<u>Visible Emission Limit (percent opacity)</u>
Jaw Crusher	5
Vibrating Screen	5
Grizzly Feeder	5
Portable Discharge System	5
Belt Conveyor Transfer Points	10
Truck Loading/Unloading	5

A.2 The maximum visible emissions for Unit No. 002 (diesel powered generator) shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]

A.3 In order to minimize excess emissions during startup/shutdown/malfunction this emission units shall adhere to best operational practices. [Rule 62-210.700, F.A.C. and 40 CFR 60.7]

A.4. The following work practices (reasonable precautions) shall be followed:

- The posted and enforced plant-wide speed limit is 5 mph;
- The site yard, roadways, and stockpiles are kept wet by water gun, water truck, and/or sprinkling system as necessary to prevent the occurrence of emissions of unconfined particulate matter (Permit application, dated October 17, 1995 and Rule 62-296.320(4)(c), F.A.C.).

A.5. In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, emissions of unconfined particulate matter from the non-process emission sources shall not exceed 5 percent opacity. Exceedance of this limit shall not be considered a violation in and of itself,

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

but an indication that additional control precautions and/or practices beyond those outlined above may be necessary. (Rule 62-4.070(3), F.A.C.).

OPERATIONAL LIMITATIONS

- A.6. These emission units are allowed to operate up to 3,120 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].
- A.7. The crusher may process up to 200 TPH (monthly average) and 624,000 TPY concrete and asphalt material (total).
- A.8. The diesel engine drive may burn up to 45 GPH and 140,400 GPY diesel fuel containing a maximum of 0.50 percent sulfur by weight.

TEST METHODS AND PROCEDURES

- A.9. ASTM D129-91, Standard Test Method for Sulfur in Petroleum Products, shall be used to determine compliance with the sulfur limit for the fuel. Certification of the sulfur content in the diesel fuel from the supplier is also acceptable. Records of the sulfur content of each delivery shall be maintained. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(b)(1) and (2)]
- A.10. For the truck loading/unloading operation and the diesel generator, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 1) 12 minutes in duration (or 3 batches) during truck loading, and 2) 30 minutes in duration for the diesel generator. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.
- A.11. Compliance with the allowable emission limiting standards for the crusher system listed in the Specific Conditions shall be determined annually (within 60 days of April 11) by using the following reference method as described in 40 CFR 60, Appendix A (1995, version) adopted by reference in Chapter 62-204, F.A.C. The owner or operator shall use the reference methods and procedures in 40 CFR 60, Appendix A, except as provided in 40 CFR 60.8(b). [Rule 62-296.800, F.A.C.; 40 CFR 60.675(a)]

Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity. The annual test shall be for a minimum of 30 minutes duration.
- A.12. In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and 40 CFR 60.672(c), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
 - a. The minimum distance between the observer and the emission unit shall be 4.57 meters (15 feet).

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- b. The observer shall, when possible, select a position that minimizes interference from other fugitive emission units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
- c. For affected emission units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(c)(1), (2) and (3)]
- A.13. If any conveyor transfer point or affected facility for the crusher system operates indoors, it may be subject to the alternate testing and emission standards specified in 40 CFR 60.672(e). The performance test shall be conducted while all affected emission units inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(d)]
- A.14. The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:
- a. For the method and procedure of 40 CFR 60.675(c), if emissions from two or more emission units continuously interfere so that the opacity of fugitive emissions from an individual affected emission unit cannot be read, either of the following procedures may be used:
- (1) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emission units contributing to the emissions stream.
- (2) Separate the emissions so that the opacity of emissions from each affected emission unit can be read. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(e)(1)(i) and (ii)]
- A.15. The owner or operator shall submit written reports to the appropriate regulating agency of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c) and, if applicable, reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). [Rule 62-296.800, F.A.C.; 40 CFR 60.676(f)]

RECORDKEEPING AND REPORTING REQUIREMENTS

- A.16. The permittee shall maintain a log showing the annual hours per year operation, fuel consumption, and any major maintenance on the units. Operators shall keep a log to include, at a minimum, the following information:
- The daily production rate.
 - The daily hours of operation of the crusher system.

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- Maintenance/repair logs for any work performed on equipment or instrument which is subject to this permit.
- Daily diesel fuel usage.
- Daily comments on the use of wetting agents to control fugitive dust.

All measurements, records, and other data required to be maintained by permittee shall be retained for at least five (5) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department or county upon request. The District or County Environmental Agency, if applicable, having jurisdiction over the site that the units are operated at shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

Daily Operation and Maintenance (O&M):

- A.17. The permittee shall keep an O&M plan for the air pollution control equipment with the facility.
- A.18. This facility shall maintain a central file containing all measurements, records, and other data that are required to be collected pursuant to the various specific conditions of this permit.

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 1.0 CONSTRUCTION REQUIREMENTS

- 1.1 Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the subject emission unit(s) shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297; and the applicable requirements of the Code of Federal Regulations Section 40, Part 60, adopted by reference in the Florida Administrative Code regulation [Rule 62-204.800 F.A.C.]. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]

SUBSECTION 2.0 EMISSION LIMITING STANDARDS

- 2.1 General Particulate Emission Limiting Standards. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]
- 2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]
- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
- (c) Reasonable precautions include the following:
- Paving and maintenance of roads, parking areas and yards.
 - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
 - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.

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- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.

NOTE: Facilities that cause frequent, valid complaints may be required by the Permitting Authority to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

2.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320, F.A.C.]

- (a) The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

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

SUBSECTION 3.0 OPERATION AND MAINTENANCE

- 3.1 Changes/Modifications: The owner or operator shall submit to the Department, for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment will not constitute a modification of this permit.* [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]
- 3.2 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the Permitting Authority as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any

APPENDIX CSC
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liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

3.3 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]

3.4 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]

- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority office for longer duration. [Rule 62-210.700(1), F.A.C.]
- (b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]
- (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify Permitting Authority within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

3.5 Operating Procedures: Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

SUBSECTION 4.0 MONITORING OF OPERATIONS

4.1 Determination of Process Variables

- (a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

APPENDIX CSC
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SUBSECTION 5.0 TEST REQUIREMENTS

- 5.1 Test Performance Within 60 days after achieving the maximum production rate at which these emission units will be operated, but not later than 180 days after initial startup and annually thereafter, the owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A. No other test method shall be used unless approval from the Department has been received in writing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emission unit(s) operating at permitted capacity pursuant to Rule 62-297.310(2), F.A.C. [Rules 62-204.800, 62-297.310, 62-297.400, 62-297.401, F.A.C.]
- 5.2 Test Procedures shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]
- 5.3 Test Notification: The owner or operator shall notify the Regulating Authority in writing at least (30) *days* (initial) and 15 *days* (annual) prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (30) or (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]
- 5.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Permitting Authority. [Rule 62-297.310(7)(b), F.A.C.]
- 5.5 Stack Testing Facilities: The owner or operator shall install stack testing facilities in accordance with Rule 62-297.310(6), F.A.C..
- 5.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Air Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in Rule 62-297.620, F.A.C.
- 5.7 Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2) and (3), F.A.C.]

SUBSECTION 6.0 REPORTS AND RECORDS

- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [Rule 62-4.160(14)(b), F.A.C.]
- 6.2 Emission Compliance Stack Test Reports:
- (a) A *test report* indicating the results of the required compliance tests shall be filed with the appropriate regulating authority as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310(8), F.A.C.]
 - b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department or regulating authority to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**
- 6.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the appropriate regulating authority within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the New Source Performance Standards, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 6.4 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Permitting Authority this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

SUBSECTION 7.0 OTHER REQUIREMENTS

- 7.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.

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

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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

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

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ()
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards (X).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Florida Department of
Environmental Protection

Memorandum

Kim

TO: Howard L. Rhodes

THRU: *for* Clair Fancy *JKP*
Al Linero *edj* 12/9

FROM Willard Hanks *wmh*

DATE: December 10, 1997

SUBJECT: Angelo's Recycled Materials
Construction/Operation Permit for a Relocatable Crusher
Final Permit Nos. 7770262-001-AC & 7770262-005-AO

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

The application for this minor source is being processed by BAR because it is a relocatable unit that operates in different Districts. The unit is subject to new source performance standards 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The crusher will use water as needed to control fugitive emissions.

I recommend your approval and signature of the Final Permits.

Attachments

/wh

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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

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

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Mr. Bob Cable, GM
 Angelo's Recycled Mat.
 PO Box 280226
 Tampa, FL
 33682-0226

4a. Article Number
 P 265 659 265

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

7. Date of Delivery
 12-12-97

5. Received By: (Print Name)

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

6. Signature: (Addressee or Agent)
 X

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 265

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to		Bob Cable	
Street Number		Angelo's Recyc.	
Post Office, State, ZIP Code		Tampa, FL	
Postage	\$		
Certified Fee			
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered			
Return Receipt Showing to Whom, Date, & Addressee's Address			
TOTAL Postage & Fees	\$		
Postmark or Date	12-10-97		

PS Form 3800, April 1995

The Orlando Sentinel

Published Daily
\$ 692.00

State of Florida } S.S.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Denise Little, 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 DRAFT PERMIT #7770262-001-AC in the ORANGE Court, was published in said newspaper in the issue; of 11/12/97

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.

The foregoing instrument was acknowledged before me this 12 day of November, 1997 by Denise Little, who is personally known to me and who did take an oath.

(SEAL) JULIA NICHOLS
Notary Public
My Comm Exp. 8/23/2001
No. 683016
Personally Known [] Other I.D. []

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT PERMIT NOS: 7770262-001-AC/7770262-005-AO
PORTABLE CONCRETE AND ASPHALT MATERIAL CRUSHER
The Department of Environmental Protection (Department) gives notice of its intent to issue a modified air construction permit and the initial air operation permit to Angelo's Recycled Materials for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. These units were originally permitted under the Name of Frontier Recycling, Inc. 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, P.O. Box 280226, Tampa, Florida 33682-0226.
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 are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM/PM10)	5.1	8.0
Nitrogen Oxides (NOx)	27.3	42.7
Carbon Monoxide (CO)	5.9	9.2
Sulfur Dioxide (SO2)	1.8	2.8
Volatle Organic Compounds (VOC)	2.2	3.5

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 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 Regulations, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for a 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 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 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 interest 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 complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of
Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science
and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904-444-8300

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

Broward County Department of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection
southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813-744-6100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/684-7555

Hillsborough County Environmental

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

Air and Water quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept of Environmental Protection
Southeast Division
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561-681-6600

The complete project file 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. Interested persons may contact the Administrator, New Resources REview Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301; or call 850/488-1344, for additional information.

THE TAMPA TRIBUNE
Published Daily
Tampa, Hillsborough County, Florida

State of Florida }
County of Hillsborough } ss.

Before the undersigned authority personally appeared J. Rosenthal, who on oath says that she is Classified Billing Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a
LEGAL NOTICE CITRUS, SUMTER; HERNANDO, PASCO, PINELLAS, POLK
HILLSBOROUGH, MANATEE, HARDEE, HIGHLANDS, SARASOTA, DESOTO
in the matter of PUBLIC NOTICE OF INTENT

was published in said newspaper in the issues of OCTOBER 29, 1997

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

J. Rosenthal

Sworn to and subscribed before me, this 30 day
of OCTOBER, A.D. 1997

Personally Known or Product Identification
Type of Identification Produced

(SEAL)

Susie Lee Slaton



PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit Nos: 7770262-001-AC/7770262-00
AO
Portable Concrete and Asphalt Material Crusher
The Department of Environmental Protection (Department) gives notice of its intent to issue a modified air construction permit and the initial air operation permit to Angelo's Recycled Materials for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction or industrial sites throughout Florida. These units were originally permitted under the name of Frontier Recycling, Inc. The crusher is a minor source of air pollution and is 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, P.O. Box 280226, Tampa, Florida 33682-0226.
The applicant proposes to operate the facility in compliance with 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 are estimated to be:
Pollutant Hourly Emissions (pounds per hour) Annual Emissions (tons per year)
Particulate Matter (PM/PM10) 5.1 8.6
Nitrogen Oxides (NOx) 27.3 42.7
Carbon Monoxide (CO) 5.9 9.2
Sulfur Dioxide (SO2) 1.8 2.8
Volatile Organic Compounds (VOC) 2.2 3.5
Because of the low emissions and limited time 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 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 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.

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 92399-3000, 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 complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave.,
Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center
Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

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

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

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

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard,
Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530
Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street,
Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection South Florida District
12295 Victoria Avenue,
Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file 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. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, or call 850/488-1344, for additional information
9028 10/29/97

The Orlando Sentinel

633 North Orange Avenue
P.O. Box 2833
Orlando, Florida 32802-2833

November 12, 1997

Mr. Bob Coble

Angleo's Recycling Materials
P. O. Box 280226
Tampa, Florida, 33682-0226

Dear Mr. Coble:

We wish to thank you for advertising with The Orlando Sentinel. Your advertisement appeared today, November 12, 1997.

We also wish to apologize any inconvenience that the delay in publishing your advertisement for "Public Notice to Issue Air Permits", due to miscommunication problems. We have spoken previously in order to have this advertisement published in a timely manner.

However, due to unforeseen circumstances, the advertisement was never ran on the publication date as previously indicated by you. We hope that this does not cause any inconvenience on your behalf.

Thank you very much for you patience and understanding. The original publish date for this ad was October 19, 1997.

Sincerely Yours,

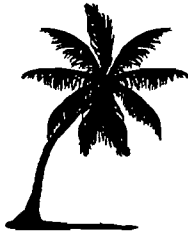


Denise Little
Legal Advertising
Representative

cc: file

P. O. Box 280226
Tampa, FL 33682
Phone: 813 903-0588
Fax: 813 632-9157

**Angelo's Recycled
Materials, Ltd**



Fax

To: *A.A. Liners or Willard Hankes* **From:** Bob Coble
Fax: _____ **Date:** *11/12/97*
Phone: _____ **Pages:** _____
Re: _____ **CC:** _____

Urgent For Review Please Comment Please Reply Please Recycle

•Comments: [Click here and type any comments]

*Willard,
as per our discussion, Denise Little said
this ad. was published by the Orlando Sentinel
in all the Counties around Orange County.
If I can give you any other information
please call my mobile # 813-625-0052.*

Hank's

Bob Coble



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

October 10, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Bob Coble
General Manager
Angelo's Recycled Materials
Post Office Box 280226
Tampa, Florida 33682-0226

Re: DRAFT Permit Nos. 7770262-001-AC & 7770262-005-AO
Construction/Operation Permit for a Relocatable Crusher

Dear Mr. Coble:

Enclosed is one copy of the Draft Modified Air Construction and Initial Operation Permit for a diesel engine powered portable concrete and asphalt material crusher to operate at construction and industrial sites in Florida. The Technical Evaluation and Preliminary Determination, the Department's Intent to Issue Air Permits and the "PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS" are also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS" must be published in a newspaper having general circulation in each county you intend to operate in within 30 (thirty) days of receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any other questions, please contact Willard Hanks or Mr. Linero at 850/488-1344.

Sincerely,

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

CHF/wh

Enclosures

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit Nos.: 7770262-001-AC/7770262-005-AO
Portable Concrete and Asphalt Material Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue a modified air construction permit and the initial air operation permit to Angelo's Recycled Materials for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. These units were originally permitted under the name of Frontier Recycling, Inc. 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, P. O. Box 280226, Tampa, Florida 33682-0226.

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 are estimated to be:

<u>Pollutant</u>	<u>Hourly Emissions</u> pounds per hour	<u>Annual Emissions</u> tons per year
Particulate Matter(PM/PM ₁₀)	5.1	8.0
Nitrogen Oxides (NO _x)	27.3	42.7
Carbon Monoxide (CO)	5.9	9.2
Sulfur Dioxide (SO ₂)	1.8	2.8
Volatile Organic Compounds (VOC)	2.2	3.5

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 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 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.

Draft Permit No. 7770262-001-AC & 7770262-005-AO

Page 2 of 2

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 complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of
Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Broward County Department of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

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

Division of Environmental Science
and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Air and Water quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

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

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

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

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file 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. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

KOFA X

SEPARATOR

PSD



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

October 10, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Bob Coble
General Manager
Angelo's Recycled Materials
Post Office Box 280226
Tampa, Florida 33682-0226

Re: DRAFT Permit Nos. 7770262-001-AC & 7770262-005-AO
Construction/Operation Permit for a Relocatable Crusher

Dear Mr. Coble:

Enclosed is one copy of the Draft Modified Air Construction and Initial Operation Permit for a diesel engine powered portable concrete and asphalt material crusher to operate at construction and industrial sites in Florida. The Technical Evaluation and Preliminary Determination, the Department's Intent to Issue Air Permits and the "PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS" are also included.

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Sincerely,

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

CHF/vh

Enclosures

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit Nos.: 7770262-001-AC/7770262-005-AO
Portable Concrete and Asphalt Material Crusher

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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 are estimated to be:

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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.

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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 complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305/372-6925	Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5530
Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/355-3070	Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4422	Air and Water quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, Florida 32202-4111 Telephone: 904/630-3484
Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904/444-8300	Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813/744-6100	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 200B Jacksonville, Florida 32256 Telephone: 904/448-4300	Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407/984-7555	Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561/681-6600

The complete project file 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. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

In the Matter of an
Application for Permit by:

Angelo's Recycled Materials
Post Office Box 280226
Tampa, Florida 33682-0226

DRAFT Permit Nos.: 7770262-001-AC
7770262-005-AO
Statewide Operation

INTENT TO ISSUE AIR PERMITS

The Department of Environmental Protection (Department) gives notice of its intent to issue a modified air construction permit and initial air operation permit (copy of DRAFT Permits attached) for the proposed project, detailed in the application specified above and the attached Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Angelo's Recycled Materials, applied on July 15, 1997, to the Department for an air operation permit for a diesel powered portable concrete and asphalt material crusher to operate at construction and industrial sites in Florida. On July 25, 1997, the applicant requested the construction permit be extended and the relocatable unit be allowed to operate throughout the state.

The Department has permitting jurisdiction under provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that air permit is required to construct and operate the relocatable concrete and asphalt material crusher.

The Department intends to issue these air permits based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed "Public Notice of Intent to Issue AIR PERMITS". The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax 850/ 922-6979) within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150 (6), F.A.C.

The Department will issue the FINAL Permits, in accordance with the conditions of the enclosed 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 and requests for public meetings concerning the proposed DRAFT Permits issuance action for a period of 30 (thirty) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS." Written comments and requests for public meetings 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 this DRAFT Permits, the Department shall issue a Revised DRAFT Permits and require, if applicable, another Public Notice.

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

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: 850/488-9730, 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 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 action or proposed action addressed in this notice of intent.

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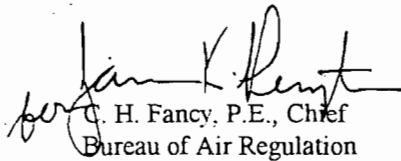
In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.


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


CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AIR PERMITS (including the PUBLIC NOTICE, Technical Evaluation and Preliminary Determination, and the DRAFT permits) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 10-14-97 to the person(s) listed:

Mr. Bob Coble, Angelo's Recycled Materials *
District Air Program Administrators
County Air Program Administrators
Mr. George Sinns, Jr., Central Florida Testing Lab., Inc.

Clerk Stamp

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


(Clerk)

10-14-97
(Date)

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION

Angelo's Recycled Materials

Portable Concrete and Asphalt Crusher
State Wide Operation

Air Construction Permit No. 7770262-001-AC
Air Operation Permit No. 7770262-005-AO

Facility ID No. :7770262
Unit No. 01 (Crusher)
Unit No. 02 (Diesel Generator)
Relocatable Units

Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation

October 10, 1997

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

1. APPLICATION INFORMATION

1.1 Applicant's Name and Address

Mr. Bob Coble, General Manager
Angelo's Recycled Materials
P. O. Box 280226
Tampa, Florida 33682-0226

1.2 *Reviewing and Process Schedule*

July 15, 1997 Date of Receipt of Application
July 25, 1997 Date of Receipt of July 24 amendment to application

2. FACILITY INFORMATION

2.1 Relocatable concrete and asphalt crushing unit operating throughout Florida.
Permitted originally under the name of Frontier Recycling, Inc.

Angelo's Recycled Materials plans to operate a 200 TPH Bohringer Model No. RC14 mobile crushing unit at construction and industrial sites in Florida. Major components of the crusher are a grizzly feeder, impact jar crusher, vibrating screen, conveyors, and 545 KW Caterpillar diesel powered generator. Water will be added as needed to control fugitive dust emissions.

2.2 *Standard Industrial Classification Code (SIC)*

Major Group No.	14	Mining and Quarrying of Nonmetallic Minerals
Group No.	1422	Stone Quarrying/Processing

2.3 *Facility Category*

The portable crusher emits particulate matter from the handling and crushing of the concrete and asphalt material and the normal products of combustion from the diesel fuel burned in the diesel engine used to power the crusher.

The portable crusher operated by the applicant is classified as a minor air pollutant emitting facility. Air pollutant emissions are less than 100 TPY of any single criteria air pollutant.

This facility is not on the list of the 28 Major Facility Categories, Table 62-212.400-1. This facility is also classified as a synthetic non-Title V facility.

Based on the specific conditions in the draft permit and the physical restrictions of the equipment, this facility is classified as a *minor source* of air pollution.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

3. PROJECT DESCRIPTION

3.1 *This permit addresses the following emissions units:*

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Size Reduction	Bohringer Crusher, Model No. RC14
002	Power	545 KW Caterpillar diesel powered generator

4. PROCESS DESCRIPTION

4.1 *General Information*

Concrete or asphalt material is fed to the crusher and reduced in size. The crushed material is screened and stored in an open area. It is loaded and unloaded from trucks. Dust from the crushing of the rocks will be controlled by wetting with water when necessary. Power for the unit comes from a diesel engine which burn a maximum of 45 gallons per hour of fuel containing up to 0.5 percent sulfur.

5. RULE APPLICABILITY

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, Florida Statutes, and Chapters 62-4, 62-204, 62-210, and 62-212, of the Florida Administrative Code (F.A.C.).

This relocatable facility may operate in more than one county in Florida. These areas contain land that is designated as maintenance for ozone and particulate matter, unclassifiable for PM10 and sulfur dioxide, and lead and attainment for all other criteria pollutants in accordance with Rule 62-204.340, F.A.C. The proposed project is not subject to review under Rule 62-212.400., F.A.C., Prevention of Significant Deterioration (PSD), because it is a minor unit and the potential emission increases for all criteria pollutants do not exceed the significance emission rates given in Chapter 62-212, Table 62-212.400-2, F.A.C.

A determination of Best Available Control Technology (BACT) is not required for this minor facility. No analysis of the air quality impact of the proposed project's impacts on soils, vegetation and visibility; along with air quality impacts resulting from associated commercial, residential and industrial growth. is required for a minor facility.

The crushing system is subject to Rule 62-296.700, F.A.C., Reasonable Available Control Technology (RACT).

The unit is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

The emission units affected by this permit shall comply with all applicable provisions of the Florida Administrative Code and, specifically, the following Chapters and Rules:

Chapter 62-4	Permits.
Rule 62-210.300	Permits Required
Rule 62-210.350	Public Notice and Comments
Rule 62-210.370	Reports
Rule 62-210.650	Circumvention
Rule 62-210.700	Excess Emissions
Rule 62-210.900	Forms and Instructions
Rule 62-212.300	General Preconstruction Review Requirements
Rule 62-296.320	General Pollutant Emission Limiting Standards
Rule 62-297.310	General Test Requirements
Rule 62-297.400	EPA Methods Adopted by Reference
Rule 62-297-401	EPA Test Procedures

6. SOURCE IMPACT ANALYSIS

6.1 *Emission Limitations*

The proposed portable crusher will emit the following PSD pollutants (Table 212.400-2): particulate matter, sulfur dioxide, nitrogen oxides, volatile organic compounds, and carbon monoxide. The estimated emissions for these emission units are summarized in the following table.

6.2 *Emission Summary*

The unit is a minor source for all criteria air pollutants. Following are the estimated emissions which are based on 3,120 hours per year of operation..

Pollutants	Hourly Emissions lb/hr	Annual Emissions TPY
Crusher		
PM/PM ₁₀	5.1	8.0
Diesel Power		
NO _x	27.3	42.7
SO ₂	1.8	2.8
CO	5.9	9.2
PM ₁₀	1.9	3.0
VOC	2.2	3.5

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

6.3 *Control Technology Review*

The crusher unit and associated conveyors are potential sources of fugitive particulate matter emissions. Emissions shall be controlled by wetting the material being processed when needed.

The diesel engine powering the crusher will emit the products of combustion. Diesel fuel for off road service use contains a maximum of 0.5 percent sulfur.

Emissions from these units are limited by production and hours per year operation limits..

6.4 *Air Quality Analysis*

An air quality analysis was not conducted for this project.. The Department does not expect the low emissions from this operation to have a significant impact on the ambient air quality.

7. CONCLUSION

Based on the foregoing technical evaluation of the application, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations provided the Department's restrictions described in the Specific Conditions of the proposed permits are met. The General and Specific Conditions are listed in the attached draft conditions of approval .

Permit Engineer: Willard Hanks
Reviewed and Approved by A. A Linero, P.E.

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PERMITTEE:

Angelo's Recycled Materials
Post Office Box 280226
Tampa, Florida 33682-0226

FID No.	7770262
Permit No.	7770262-001-AC
Expires:	April 1, 1998

Authorized Representative:

Mr. Bob Coble, General Manager

Permit No.	7770262-005-AO
Expires	September 3, 2002

PROJECT AND LOCATION:

Permits authorizing operation of an existing diesel engine powered portable concrete and asphalt material crusher from single county to statewide operation. Facility may operate in any county covered by a notice of intent to issue air permit published within 5 years of the proposed relocation and at any construction or industrial site listed on the notification of intent to relocate air pollutant emitting facility provided a permit for this facility has been issued or amended to authorize operation in the county. Approved sites include:

3804 118th Ave. N., Clearwater, Pinellas County. UTM: 17-333.9E 3084.8 N

1680 B - N. Hercules Ave., Largo, Pinellas County. UTM: 17-327.3 E 3096.2 N

0.8 miles east of Nebraska Ave. on Bearss, Tampa, Hillsborough County. UTM: 17-357.6 E 3107.6 N

1755 20th Ave. S.E. at Lake Ave., Largo, Pinellas County. UTM: 17-325.8 E 3087.0 N

It may operate in other counties within the state provided that the public notice requirements have been met in the counties and the facility's permit has been amended to authorize operation in the other counties.

STATEMENT OF BASIS:

These permits are issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, and 62-212. The above named permittee is authorized to operate the units in accordance with the conditions of these permits and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

Attached appendices are made a part of this permit:

Appendix GC	Permit General Conditions
Appendix CSC	Permit Common Specific Conditions

Howard L. Rhodes, Director
Division of Air Resources
Management

AIR CONSTRUCTION PERMIT 7775035-001-AC
AIR OPERATION PERMIT 7775035-002-AO

SECTION I. PERMITTING INFORMATION

SUBSECTION A. FACILITY DESCRIPTION

These units consist of a 200 TPH Bohringer Model RC14 crusher with associated equipment (grizzly feeder, screens, and conveyors) and a 545 KW Caterpillar Model 3412/SR4 diesel powered generator. Fugitive particulate matter emissions from the crusher are controlled by a Chem-Jet Dust Suppression Chemical Water Spray Bar Dust Suppression System which sprays a mixture of water and surfactant (Compound M-R). The units are used at construction and industrial sites throughout Florida to reduce the size of concrete and asphalt material.

SUBSECTION B. EMISSION UNITS

These permits address the following emission units:

EMISSIONS UNIT NO.	SYSTEM	EMISSIONS UNITS DESCRIPTION
001	Raw Material Processing	Material handling and crushing (fugitive emissions)
002	Power	Diesel powered generator unit (fuel combustion products)

SUBSECTION C. REGULATORY CLASSIFICATION

These units have an SIC Code No. 1422 : Stone Quarrying / Processing, and constitutes a synthetic non-Title V minor relocatable source of air pollution.

SUBSECTION D. PERMIT SCHEDULE

- 07/15/97 Received application for Operation Permit.
- 07/25/97 Letter supplying additional information received.
- 07/25/97 Permit Application deemed complete

SUBSECTION E. RELEVANT DOCUMENTS

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

- Application received July 15, 1997
- Central Florida Testing Lab., Inc. letter dated July 24, 1997.
- Technical Evaluation and Preliminary Determination dated October 1, 1997.

SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

SUBSECTION A. ADMINISTRATIVE

- A.1. Regulating Agencies: All documents related to the permit to operate, reports, tests, minor modifications and notifications shall be submitted to the District or County Environmental office which has jurisdiction over the facility operating these units.
- A.2. Changes/Modifications: All applications for permits to operate or modify these emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.
- A.3. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5. Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6. Expiration: This air construction permit shall expire on April 1, 1998. The air operation permit shall expire on September 3, 2002. [Rule 62-210.300(1), F.A.C.]. The permittee may, for good cause, request that the construction permit be extended. Such a request shall be submitted to the BAR prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7. Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the portable crusher and diesel powered generator units shall be in accordance with the capacities and specifications stated in the application. This facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4; 62-103; 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. It is also subject to 40 CFR 60, Subpart OOO. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]
- A.8. Relocation Notification: At least 7 days prior to relocating the plant to an approved county whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated in any county on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a county is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating in the

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AIR CONSTRUCTION PERMIT 7775035-001-AC
AIR OPERATION PERMIT 7775035-002-AO

SECTION II. EMISSION UNIT(s) GENERAL REQUIREMENTS

county. If the facility was never authorized to operate in the county, the permittee shall obtain an amendment to this permit prior to relocating to the county.

- A.9. Application for an Operating Permit: An application to renew the operating permit must be submitted to the BAR at least 90 days prior to the expiration date of this operation permit. To renew an operation permit, the applicant shall submit the appropriate application form, fee, a report on any physical change or major maintenance to the facility, and compliance test reports as required by this permit. [Rule 62-4.220, F.A.C.]

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS**SUBSECTION A. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Material handling/processing	Bohringer crusher, conveyors, screens, and feeder (fugitive particulate matter emissions)
002	Power	Caterpillar diesel engine drive (products of combustion)

Emission unit No. 001 shall comply with all applicable provisions of 40 CFR 60, Subpart OOO, Chapters 62-210, F.A.C., and 62-296, F.A.C.

EMISSION LIMITATIONS

A.1. The crusher processing system is subject to the emission limits of 40 CFR 60, Subpart OOO and the PM RACT regulations (Rule 62-296.700, F.A.C.). When subject to more than one standard, the more stringent standard takes precedence. The process emission sources and their visible emission limits are listed below.

<u>Emission Source</u>	<u>Visible Emission Limit (percent opacity)</u>
Jaw Crusher	5
Vibrating Screener	5
Grizzly Feeder	5
Portable Discharge System	5
Belt Conveyor Transfer Points	10
Truck Loading/Unloading	5

A.2 The maximum visible emissions for Unit No. 002 (diesel powered generator) shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]

A.3 In order to minimize excess emissions during startup/shutdown/malfunction this emission units shall adhere to best operational practices. [Rule 62-210.700, F.A.C. and 40 CFR 60.7]

A.4. The following work practices (reasonable precautions) shall be followed:

- The posted and enforced plant-wide speed limit is 5 mph;
- The site yard, roadways, and stockpiles are kept wet by water gun, water truck, and/or sprinkling system as necessary to prevent the occurrence of emissions of unconfined

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

particulate matter (Permit application, dated October 17, 1995 and Rule 62-296.320(4)(c), F.A.C.).

- A.5. In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, emissions of unconfined particulate matter from the non-process emission sources shall not exceed 5 percent opacity. Exceedance of this limit shall not be considered a violation in and of itself, but an indication that additional control precautions and/or practices beyond those outlined above may be necessary. (Rule 62-4.070(3), F.A.C.).

OPERATIONAL LIMITATIONS

- A.6. These emission units are allowed to operate up to 3,120 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].
- A.7. The crusher may process up to 200 TPH (monthly average) and 624,000 TPY concrete and asphalt material (total).
- A.8. The diesel engine drive may burn up to 45 GPH and 140,400 GPY diesel fuel containing a maximum of 0.5 percent sulfur.

TEST METHODS AND PROCEDURES

- A.9. ASTM D129-91, Standard Test Method for Sulfur in Petroleum Products, shall be used to determine compliance with the sulfur limit for the fuel. Certification of the sulfur content in the diesel fuel from the supplier is also acceptable. Records of the sulfur content of each delivery shall be maintained. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(b)(1) and (2)]
- A.10. For the truck loading/unloading operation and the diesel generator, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 1) 12 minutes in duration (or 3 batches) during truck loading, and 2) 30 minutes in duration for the diesel generator. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.
- A.11. Compliance with the allowable emission limiting standards for the crusher system listed in the Specific Conditions shall be determined annually (within 60 days of April 11) by using the following reference method as described in 40 CFR 60, Appendix A (1995, version) adopted by reference in Chapter 62-204, F.A.C. The owner or operator shall use the

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

reference methods and procedures in 40 CFR 60, Appendix A, except as provided in 40 CFR 60.8(b). [Rule 62-296.800, F.A.C.; 40 CFR 60.675(a)]

Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity. The annual test shall be for a minimum of 30 minutes duration.

- A.12. In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and 40 CFR 60.672(c), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
- a. The minimum distance between the observer and the emission unit shall be 4.57 meters (15 feet).
 - b. The observer shall, when possible, select a position that minimizes interference from other fugitive emission units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
 - c. For affected emission units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(c)(1), (2) and (3)]
- A.13. In determining compliance with 40 CFR 60.672(e), the owner or operator shall use Method 22 to determine fugitive emissions. The performance test shall be conducted while all affected emission units inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(d)]
- A.14. The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:
- a. For the method and procedure of 40 CFR 60.675(c), if emissions from two or more emission units continuously interfere so that the opacity of fugitive emissions from an individual affected emission unit cannot be read, either of the following procedures may be used:

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- (1) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emission units contributing to the emissions stream.
 - (2) Separate the emissions so that the opacity of emissions from each affected emission unit can be read. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(e)(1)(i) and (ii)]
- A.15. The owner or operator shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c) and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). [Rule 62-296.800, F.A.C.; 40 CFR 60.676(f)]

RECORDKEEPING AND REPORTING REQUIREMENTS

- A.16. The permittee shall maintain a log showing the annual hours per year operation, fuel consumption, and any major maintenance on the units. Operators shall keep a log to include, at a minimum, the following information:
- The daily production rate.
 - The daily hours of operation of the crusher system.
 - Maintenance/repair logs for any work performed on equipment or instrument which is subject to this permit.
 - Daily diesel fuel usage.
 - Daily comments on the use of wetting agents to control fugitive dust.

All measurements, records, and other data required to be maintained by permittee shall be retained for at least five (5) years following the data on which such measurements, records, or data are recorded. These data shall be made available to the Department or county upon request. The District or County Environmental Agency, if applicable, having jurisdiction over the site that the units are operated at shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

Daily Operation and Maintenance (O&M):

- A.17. The permittee shall keep an O&M plan for the air pollution control equipment with the facility.
- A.18. This facility shall maintain a central file containing all measurements, records, and other data that are required to be collected pursuant to the various specific conditions of this permit.

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 1.0 CONSTRUCTION REQUIREMENTS

- 1.1 Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the subject emission unit(s) shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297; and the applicable requirements of the Code of Federal Regulations Section 40, Part 60, adopted by reference in the Florida Administrative Code regulation [Rule 62-204.800 F.A.C.]. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]

SUBSECTION 2.0 EMISSION LIMITING STANDARDS

- 2.1 General Particulate Emission Limiting Standards. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]
- 2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]
- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
- (c) Reasonable precautions include the following:
- Paving and maintenance of roads, parking areas and yards.
 - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
 - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.

NOTE: Facilities that cause frequent, valid complaints may be required by the Permitting Authority to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

2.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320, F.A.C.]

- (a) The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

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

SUBSECTION 3.0 OPERATION AND MAINTENANCE

3.1 Changes/Modifications: The owner or operator shall submit to the Department, for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment will not constitute a modification of this permit. [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]*

3.2 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the Permitting Authority as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

- 3.3 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]
- 3.4 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]
- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority office for longer duration. [Rule 62-210.700(1), F.A.C.]
 - (b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]
 - (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify Permitting Authority within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]
- 3.5 Operating Procedures: Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

SUBSECTION 4.0 MONITORING OF OPERATIONS

4.1 Determination of Process Variables

- (a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 5.0 TEST REQUIREMENTS

- 5.1 Test Performance Within 60 days after achieving the maximum production rate at which these emission units will be operated, but not later than 180 days after initial startup and annually thereafter, the owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A. No other test method shall be used unless approval from the Department has been received in writing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emission unit(s) operating at permitted capacity pursuant to Rule 62-297.310(2), F.A.C. [Rules 62-204.800, 62-297.310, 62-297.400, 62-297.401, F.A.C.]
- 5.2 Test Procedures shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]
- 5.3 Test Notification: The owner or operator shall notify the Permitting Authority in writing at least (30) *days* (initial) and 15 *days* (annual) prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (30) or (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]
- 5.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62 -212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Permitting Authority. [Rule 62-297.310(7)(b), F.A.C.]
- 5.5 Stack Testing Facilities: The owner or operator shall install stack testing facilities in accordance with Rule 62-297.310(6), F.A.C..
- 5.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Air Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in Rule 62-297.620, F.A.C.
- 5.7 Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2) and (3), F.A.C.]

SUBSECTION 6.0 REPORTS AND RECORDS

- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [Rule 62-4.160(14)(b), F.A.C.]
- 6.2 Emission Compliance Stack Test Reports:
- (a) A *test report* indicating the results of the required compliance tests shall be filed with the Permitting Authority as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310(8), F.A.C.]
 - (b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**
- 6.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Permitting Authority within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the New Source Performance Standards, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 6.4 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Permitting Authority this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

SUBSECTION 7.0 OTHER REQUIREMENTS

- 7.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.

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

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

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

- G.8 If, for any reason, the permittee does not comply with, or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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


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

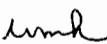
- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ()
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards ().
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Memorandum

Florida Department of Environmental Protection

TO: Clair Fancy

THRU: Al Linero 

FROM: Willard Hanks 

DATE: September 25, 1997

SUBJECT: Angelo's Recycled Materials
Intent to Modify an Air Construction Permit and Initial Air Operation Permit
Permit Nos. 7770262-001-AC and 7770262-005-AO

Attached is an Intent to Issue a modified air construction permit and the initial air operation permit along with associated documents for a portable concrete and asphalt material crusher with diesel powered generator to be used at construction sites in Florida.

The application for this minor source is being processed by BAR because it is a relocatable unit that operates in different Districts. The unit is subject to new source performance standards 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The crusher will use water as needed to control fugitive emissions.

I recommend your approval and signature of the proposed Intent to Issue.

CHF/wh

Is your RETURN ADDRESS completed on the reverse side?

SENDER: ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
3. Article Addressed to: Mr. Bob Coble, Gen. Mgr Angelo's Recycled Materials P O Box 280226 Tampa, FL 33682-0226	4a. Article Number P 265 659 468	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express-Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD
5. Received By: (Print Name) Gary W. Buholz	7. Date of Delivery JUN 16 1997 TAMPA, FL 33682	
6. Signature (Addressee or Agent) <input checked="" type="checkbox"/>	8. Addressee's Address (Only if requested and fee is paid)	

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 468

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to		Bob Coble
Street & Number		Angelo's Recycled
Post Office, State, & ZIP Code		Tampa, FL
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, & Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date	770262-001-A0 10-14-97	
	770262-005-A0	

PS Form 3800, April 1995

Central Florida Testing Laboratories, Inc.

Testing Development and Research

12625 - 40th Street North · Clearwater, Florida 33762

PINELLAS / HILLSBOROUGH (727) 572-9797

FLORIDA 1-800-248-CFTL

FAX (727) 299-0023

August 4, 1998

Mr. Joseph Kahn
State of Florida
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RECEIVED

AUG 10 1998

BUREAU OF
AIR REGULATION

Subject:: **Angelo's Recycled Materials, Inc.**
New Portable Crushing Units
@ Cape Cavernal A.F.B. & Apopka, Florida

Dear Mr. Kahn:

This letter is to inform you and your office that Angelo's Recycled Materials, Inc. has contracted Central Florida Testing Laboratories, Inc. to complete the "after-the-fact" construction permits for the emission units listed above.

We have been working to complete and compile the necessary information from the crusher manufacturers and prepare adequate construction permit applications for these portable aggregate crushing and processing units for a while. The applications for these two (2) portable units are very near completion and will be submitted to your office for processing very soon.

Your cooperation in this matter is greatly appreciated.

Sincerely,
Central Florida Testing Laboratories, Inc.



Bernard A. Ball, Jr.
Environmental Specialist
BaB/bAb



FAX Transmission

From: **Bernie Ball** CFTL, Inc.
Questions? **Call (800) 248-2385** **12625 - 40th Street North**
Fax (813) 299-0023 **Clearwater, Florida 33672**
To: *Mr. Dennis Price*
Company: **Angelo's Recycled Materials** **FAX: (904) 792-1112**
Address:
Date: **August 05, 1998**
Time: **3:20 p.m.** **Pages: 2 including this one**

Message:

Dennis:

Please find to follow the letter written for crushers.

Thank you. If you have any questions, please call me.

Bernie

Central Florida Testing Laboratories, Inc.

Testing Development and Research

1400 STARKEY ROAD · LARGO, FLORIDA 33771

7770262-1006

PINELLAS (813) 581-7019

FLORIDA 1-800-248-CFTL

HILLSBOROUGH (813) 681-7197

July 24, 1997

Mr. Jerry Kissel, P.E.
State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

D.E.R.

JUL 25 1997

SOUTHWEST DISTRICT
TAMPA

**Subject: Angelo's Recycled Materials
DEP File No. 7770262-001-AC
Extension of Construction Permit and Statewide Status**

Dear Mr. Kissel:

As discussed with you in our telephone conversation on Thursday, July 24th, 1997, it came to our attention that the above referenced FDEP construction permit is due to expire on July 31st, 1997.

A recent conversation with Mr. Bob Coble, General Manager of Angelo's Recycled Materials, revealed that he had hand delivered the operation permit applications to your office as well as Hillsborough and Pinellas County, sometime last week. In addition, Mr. Coble has informed us that they would like to change the status of their permit from "District Wide" to "State Wide", as they have decided to locate this crusher at other sites within the state.

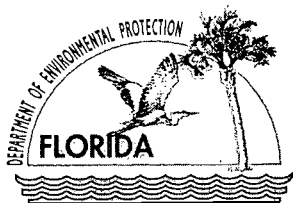
Therefore, we respectfully request that the construction permit for the above mentioned facility be amended to reflect a six (6) month extension period to allow time for Mr. Willard Hanks of the Tallahassee Office to review and process the operation permit application as discussed.

Enclosed is a check for fifty dollars (\$ 50.00) as required by 62-4, F.A.C. to extend the expiration date of the above mentioned construction permit.

RECEIVED

SEP 12 1997

BUREAU OF
AIR REGULATION



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. Dominico Iafrate
President
Angelo's Recycled Materials
Post Office Box 280226
Tampa, FL 33682-0226 /

DEP File No.: 7770262-005-AO
District: Southwest

Enclosed is Permit Number 7770262-005-AO for the operation of a portable concrete and reclaimed asphalt processing facility. The main location of the facility is 0.8 miles east of Nebraska Avenue on Bearss, Tampa, Hillsborough County. This permit allows this facility to be relocated within the Southwest District after notification requirements and Department approval. Procedures for administrative hearing, mediation, and variance/waiver are described below.

Administrative Hearing

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 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen (14) days of receipt of this permit. 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 (or a request for mediation, as discussed below) 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 of the Florida Statutes, 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 for an administrative hearing must contain the following:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number, and the county in which the project is proposed;

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

- (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 the 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 permit.

Because the administrative action or proposed action addressed in this 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.

Mediation

A person whose substantial interests are affected by the Department's permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information:

- (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any;
- (b) A statement of the preliminary agency action;
- (c) A statement of the relief sought; and
- (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this permit or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;

- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) The name of each party's representative who shall have authority to settle or recommend settlement; and
- (g) The signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

Variance/Waiver

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under section 120.542 of the Florida Statutes. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to this permit.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

The petition for a variance or waiver must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;

- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in section 120.542(2) of the Florida Statutes, and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of EPA and by the person under the Clean Air Act unless and until Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

This permit is final and effective on the date filed with the Clerk of the Department unless a timely petition for an administrative hearing is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C., or a party requests mediation as an alternative remedy before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. Upon timely filing of a petition or a request for an extension of time to file the petition or a request for mediation, this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate procedure, with the Clerk of the Department in the Office of General Counsel, Douglas Building, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

George W. Richardson
Air Permitting Engineer
Southwest District

Attachment

cc: George C. Sinn, Jr., P.E., CFTL
PCDEM
EPCHC
MCEMD
SCAQP

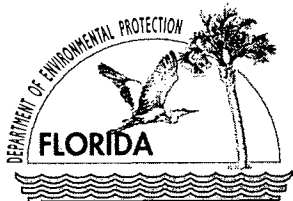
CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE was sent to the addressee by certified mail and all copies were sent by regular mail before the close of business on _____ to the listed persons, unless otherwise noted.

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

Clerk

Date



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE:

Angelo's Recycled Materials
Post Office Box 280226
Tampa, FL 33682-0226 /

Permit No.: 7770262-005-AC
Effective Date:
Expiration Date: 9/3/2002
Project: Portable Concrete
and Reclaimed Asphalt Processing
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-103, 62-204, 62-210, 62-296, and 62-297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the operation of a portable concrete and reclaimed asphalt processing facility. The facility is authorized to operate at the sites listed on page 2 of this permit. Operation at other sites within the Southwest District requires a permit amendment as detailed in Specific Condition No. 27 of this permit. This permit establishes the facility as a synthetic non-Title V source.

Reclaimed asphalt and concrete is processed by crushing and screening to produce a recycled base material. The processing system particulate matter emission sources include a Bohringer Model RC14 jaw crusher (maximum capacity is 200 tons/hour), a vibrating screener, a grizzly feeder, a portable discharge (screening) system, 5 belt conveyors, and truck loading/unloading. Non-process fugitive emission sources include paved/unpaved yards, roadways, and stockpiles. The facility is powered by a 545 kW Caterpillar Generator Set, Model No. 3412/SR4 with a maximum heat input of 6.21 MMBtu/hr. This corresponds to 45.0 gallons per hour of No. 2 fuel oil.

Process equipment particulate matter emissions are controlled by a Chem-Jet Dust Suppression System which sprays a mixture of water and surfactant (Compound M-R) at various points in the processing system.

This facility is subject to the provisions of Rule 62-296.711, F.A.C. - Particulate Matter Reasonable Available Control Technology (PM RACT) for Materials Handling, Sizing, Screening, Crushing and Grinding Operations. In addition, the facility is subject to 40 CFR 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
Project: Portable Concrete
and Reclaimed Asphalt Processing
Facility

The following locations are now authorized by this permit, other locations in the Southwest District may be approved after notification (see Specific Condition No. 27).

- 1) 3804 - 118th Avenue North, Clearwater, Pinellas County
UTM: 17-333.9 E 3084.8 N
- 2) 1680 B - N. Hercules Avenue, Largo, Pinellas County
UTM: 17-327.3 E 3096.2 N
- 3) 0.8 miles east of Nebraska Avenue on Bearss, Tampa,
Hillsborough County (main location)
UTM: 17-357.6 E 3107.6 N
- 4) 1755 - 20th Avenue S.E. @ Lake Avenue, Largo, Pinellas County
UTM: 17-325.8 E 3087.0 N

Emission Unit ID No. & Description:

001 - Portable Concrete and Reclaimed Asphalt Processing System
002 - Diesel Generator

NOTE: Please reference Permit No., Emission Unit ID No., and Emission Point No. in all correspondence, test report submittals, applications, etc.

Replaces Permit No.: 7770262-001-AC

Specific Conditions:

1. A part of this permit is the attached 15 General Conditions [Rule 62-4.160, F.A.C.].
2. Pursuant to Rule 62-204.800, F.A.C., the permittee is subject to the standards of performance of 40 CFR 60, Subpart 000 and the general provisions of 40 CFR 60, Subpart A.

OPERATION LIMITATIONS

3. The diesel generator is permitted to operate a maximum of 3,120 hours in any 12 consecutive month period [Rule 62-210.200(223), F.A.C. and construction permit No. 7770262-001-AC].
4. The maximum throughput of concrete and/or reclaimed asphalt shall not exceed 200 tons/hour (monthly average basis) and 624,000 tons per 12 consecutive month period [Rule 62-210.200(223), F.A.C. and construction permit No. 7770262-001-AC].
5. The generator is permitted to fire only new No. 2 fuel oil with a sulfur content not to exceed 0.50% by weight. The generator's maximum fuel usage shall not exceed 45.0 gallons/hour [Rule 62-4.070(3), F.A.C. and construction permit No. 7770262-001-AC].

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
Project: Portable Concrete
and Reclaimed Asphalt Processing
Facility

6. No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable control device operating properly. The processing of material by the portable concrete and reclaimed asphalt processing system shall not occur unless the Chem-Jet Dust Suppression System is in service and operating properly [Rule 62-210.650, F.A.C.].

7. Calibrate, maintain, and operate monitoring devices which continuously measure the pressure to the Chem-Jet Dust Suppression System spray jets [Rule 62-4.070(3), F.A.C.].

EMISSION LIMITATIONS

8. The processing system is subject to the visible emission limits of 40 CFR 60, Subpart 000 and/or PM RACT. When subject to both, the more stringent limit takes precedence. The process emission sources and their visible emission limits are listed below in Table 1.

Table 1: Process Emission Source Visible Emission Limits

Emission Source	VE Limit (% Opacity)	Subject to:		EU No.	EP No.
		000	PM RACT		
Jaw Crusher	5	Yes	Yes	001	1
48"x6 Vibrating Screener	5	Yes	Yes	001	2
57"x20' Grizzly Feeder	5	Yes	Yes	001	3
Portable Discharge System	5	Yes	Yes	001	4
36"x80' Discharge Belt	10*	Yes	No	001	5
24"x80' Radial Belt	10*	Yes	No	001	6
24'x60' Radial Belt No. 1	10*	Yes	No	001	7
24'x60' Radial Belt No. 2	10*	Yes	No	001	8
24'x60' Radial Belt No. 3	10*	Yes	No	001	9
Truck Loading/Unloading	5	No	Yes	001	10

EU No. = Emission Unit No., EP No. = Emission Point No.

* This limit applies to transfer points onto conveyor belts only.
[40 CFR 60.672 and Rule 62-296.711, F.A.C.]

Permitting Note: The permittee has agreed to comply with the above visible emissions limitations when operating at all authorized sites.

9. Visible emissions from the diesel generator shall not exceed 20 percent opacity [Rule 62-296.320(4)(b), F.A.C.].

10. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any emissions unit whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, unless otherwise specified by this permit, without taking reasonable precautions to prevent such emissions [Rule 62-296.320(4)(c), F.A.C.]

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
Project: Portable Concrete
and Reclaimed Asphalt Processing
Facility

11. The following work practices (reasonable precautions) shall be followed:

- (a) The posted and enforced plant-wide speed limit is 5 mph;
- (b) The site yard, roadways, and stockpiles are kept wet by water gun, water truck, and/or sprinkling system as necessary to prevent the occurrence of emissions of unconfined particulate matter [Permit application, dated 10/17/95 and Rule 62-296.320(4)(c), F.A.C.].

12. Reasonable precautions may include, but shall not be limited to the following:

- (a) Paving and maintenance of roads, parking areas and yards.
 - (b) Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - (c) Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar emissions units.
 - (d) Removal of particulate matter from roads and other paved areas under the control of the permittee of the emissions unit to prevent reentrainment, and from buildings or work areas to prevent particulate matter from becoming airborne.
 - (e) Landscaping or planting of vegetation.
 - (f) Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
 - (g) Confining abrasive blasting where possible.
 - (h) Enclosure or covering of conveyor systems.
- [Rule 62-296.320(4)(c), F.A.C.].

13. In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, emissions of unconfined particulate matter from the non-process emission sources (see Specific Condition No. 10) shall not exceed 5 percent opacity. Exceedance of this limit shall not be considered a violation in and of itself, but an indication that additional control precautions and/or practices beyond those outlined in Specific Condition Nos. 11 and 12 may be necessary [Rule 62-4.070(3), F.A.C.].

14. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance [Rule 62-296.320(2), F.A.C.].

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
Project: Portable Concrete
and Reclaimed Asphalt Processing
Facility

COMPLIANCE TESTING REQUIREMENTS

15. The permittee of an emissions unit that is subject to emission limiting standards shall conduct compliance tests that demonstrates compliance with the applicable emission limiting standards of Specific Condition No. 8 prior to obtaining an operating permit for such emissions unit. The emission sources identified in Table 1 as EP Nos. 1 - 10 and the diesel generator shall be tested for visible emissions annually within 60 days prior to April 11 [40 CFR 60.8(a) and Rule 62-297.340(1) (a), F.A.C.].

16. Visible emissions testing for the process emission sources identified in Table 1 as EP Nos. 1 - 9 (i.e., those sources subject to 40 CFR 60 Subpart 000) shall be conducted using 40 CFR 60, Appendix A, EPA Method 9 and the procedures of 40 CFR 60.11. The visible emissions compliance tests shall be conducted by a certified observer and be a minimum of 30 minutes in duration.

17. For the truck loading/unloading operation (EP No. 10) and the diesel generator, compliance with the visible emissions limitation of Specific Condition No. 9 shall be determined using EPA Method 9 as contained in Rule 62-297, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 1) 12 minutes in duration (or 3 batches) during truck loading, and 2) 30 minutes in duration for the diesel generator. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60 Appendix A.

18. The owner or operator shall notify the Air Programs of the Department's Southwest District and the county having jurisdiction over the location where the plant will be tested at least 30 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner [40 CFR 60.8(d) and Rule 62-4.070(3), F.A.C.].

19. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity as defined below. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit (200

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
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Facility

Specific Condition No. 19 continued:

tons throughput per hour for the processing facility, the maximum attainable loading rate for the truck loading/unloading operation when handling dirt, and 45.0 gallons per hour of No. 2 fuel oil for the diesel generator) [Rule 62-297.310(2)(b), F.A.C.].

20. The permittee of an air pollution emissions unit, for which compliance tests are required, shall file a report with the Air Programs of the Department's Southwest District and the county having jurisdiction during the tests on the results of each such test. The required test report shall be filed with the Department as soon as practical but no later than 45 days after each test is completed. The test report submittal shall meet all applicable requirements of Rule 62-297, F.A.C. Include in the test report the source operation rate during each test and the type of material processed during the testing. In addition, for the diesel generator include documentation (see Specific Condition No. 22) which verifies that the fuel oil sulfur content limit of Specific Condition No. 5 was met during the test. The permittee shall submit the Chem-Jet Dust Suppression System operating parameters (i.e., pressure to spray jets, etc.) during each test run as part of the compliance test report [Rule 62-297.570, F.A.C.].

21. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department [Rule 62-297.340(2), F.A.C.].

REPORTING AND RECORDKEEPING REQUIREMENTS

22. In order to document continuing compliance with Specific Condition No. 5, records shall be maintained of the sulfur content, in % by weight, of No. 2 fuel oil delivered for use in the diesel generator. On the basis of the requirements of Department of Agriculture and Consumer Services Rule 5F-2001 (which requires that No. 2 oil sold in Florida have a maximum sulfur content not to exceed 0.50%), reasonable assurance that the sulfur content requirement is being met can also be provided through vendor supplied documentation that the fuel oil delivered for use in the diesel generator meets the specifications for No. 2 oil. The above records shall be maintained for a minimum of the most recent five year period and made available to the Department upon request.

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
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and Reclaimed Asphalt Processing
Facility

23. Operation and Maintenance Plan for Particulate Control: The attached Operation and Maintenance Plan shall be followed for the Chem-Jet Dust Suppression System. Additionally:

- (a) The observations, checks, operations, and maintenance of the Chem-Jet Dust Suppression System shall be conducted according to the attached Operations and Maintenance Plan time table. Also, for each period of operation, record the pressure to the Chem Jet Dust Suppression System spray bars.
- (b) A list of the type and quantity of the required spare parts for the pollution control device which are stored on the premises shall be kept.
- (c) Records of inspections and maintenance of the Chem-Jet Dust Suppression System shall be retained for a minimum of five years and shall be made available to the Department and the county environmental program having jurisdiction upon request.

[Rule 62-296.700, F.A.C. & permit application dated 10/17/95]

24. In order to document continuing compliance with Specific Condition Nos. 3, 4 and 19, the permittee shall maintain the following records:

- (a) Daily hours of diesel drive unit operation;
- (b) Quantity of product loaded out each day (tons per day);
- (c) Daily, log the following parameters regarding the site watering:
 - (1) Time of operation of the water truck and/or sprinkling system;
 - (2) Any maintenance of the water truck and/or sprinkling system;
 - (3) An explanation of why watering was not performed, if applicable.
- (d) Calculate on a monthly basis:
 - (1) Average hourly throughput for the most recent month;
 - (2) The total tons processed for the most recent consecutive 12 month period;
 - (3) Hours of operation for the most recent consecutive 12 month period for the generator.

These records shall be recorded in a permanent form suitable for inspection by the Department and the county environmental program having jurisdiction upon request, and shall be retained for at least a five year period [Rule 62-4.070(3), F.A.C.].

25. Each calendar year on or before March 1, the permittee shall submit to the Air Programs of the Department's Southwest District and each county (except Manatee) in which the facility operated during the calendar year, a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility," for the preceding calendar year [Rule 62-210.370(3)(a)2., F.A.C.].

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
Project: Portable Concrete
and Reclaimed Asphalt Processing
Facility

26. Relocation to a previously authorized site:

At least 7 days prior to relocating the facility to a site authorized by this permit (see page 2), the permittee shall notify the Air Programs of the Department's Southwest District and, if applicable, the county having jurisdiction over the relocation site. The notification shall be on DEP Form 62-210.900(3), F.A.C., Notification of Intent to Relocate an Air Pollutant Emitting Facility (attached). A permit amendment and amendment fee is not required.

27. Relocation to a proposed new location:

(a) At least 7 days prior to each proposed new relocation, other than the locations on Page 2, the permittee shall notify the Air Programs of the Department's Southwest District and, if applicable, the county having jurisdiction over the relocation site. The notification shall be on DEP Form 62-210.900(3), F.A.C., Notification of Intent to Relocate an Air Pollutant Emitting Facility (attached). Provide a scale map showing the proposed new location of the facility and points of air pollutant emissions in relation to residences, roads, and other features of the surrounding area. A permit amendment and amendment fee of \$250 is required.

(b) At least 21 days prior to initial operation at a new relocation site, the permittee shall publish at your own expense the attached NOTICE OF INTENT TO ISSUE PERMIT AMENDMENT FOR FACILITY RELOCATION (with the proposed new location filled in). The notice shall be published one time only in the legal ad section of a newspaper of general circulation in the area affected. "Publication in a newspaper of general circulation in the affected area" means publication in a newspaper meeting the requirements of Section 50.011 and 50.031, F.S., in the county where the activity is to take place. The permittee shall provide proof of publication to the Air Section of the Department's Southwest District within 7 days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit amendment.

NOTE: On a case by case basis, a waiver from this public notice requirement may be requested for good cause. The request should be made with the Notification required in Specific Condition No. 27.(a) [Section 403.815, F.S. and Rule 62-103.150].

28. A request for the renewal of this operation permit must be submitted to the Department at least 60 days prior to the expiration date of this permit. To properly request a renewal of this operation permit, the permittee shall submit a short form, compliance test reports as required by this permit, and the records required in Specific Condition No. 24 for the latest 2 month period [Rules 62-4.220 and 62-4.090(1), F.A.C.].

PERMITTEE:
Angelo's Recycled Materials

Permit No.: 7770262-005-AO
Project: Portable Concrete
and Reclaimed Asphalt Processing
Facility

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

W.C. Thomas, P.E.
District Air Program
Administrator
Southwest District

Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

NOTIFICATION OF INTENT TO RELOCATE AIR POLLUTANT EMITTING FACILITY

See Instructions for Form No. 62-210.900(3)
Submit to DEP district office for the area in which the facility is to be relocated.

Current Facility Information

1. Facility ID:	2. Permit Number:
3. Facility Owner or Operator:	
4. Facility Name:	
5. Facility Street Address or Location Description:	
6. City:	7. County:
8. Shutdown Date at This Location:	

Proposed New Facility Location

1. Facility Street Address or Location Description:			
2. City:	3. County:	4. Zip Code:	
5. Facility Coordinates:			
UTM Zone	UTM East or Latitude	UTM North or Longitude	
6. Startup Date at New Location:			
7. Facility Comment:			

Owner/Authorized Representative or Responsible Official

Name and Title of Owner/Authorized Representative or Responsible Official:		
Organization/Firm:		
Street Address or P. O. Box:		
City:	State:	Zip:
Telephone:	Fax:	

Facility Contact

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

Certification

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

Supplemental Requirements

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

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR RESOURCES MANAGEMENT

INSTRUCTIONS FOR DEP FORM NO. 62-210.900(3)
NOTIFICATION OF INTENT TO RELOCATE
AIR POLLUTANT EMITTING FACILITY

An air permit for a relocatable facility shall be amended upon each change of location of the facility. In the event of a planned relocation, the owner or operator must submit a Notification of Intent to Relocate Air Pollutant Emitting Facility (DEP form number 62-210.900(3)) to the Department at least 7 days prior to the change, if the facility would be relocated to a county in which public notice of the proposed operation of the facility had been given within the previous five years pursuant to Rule 62-210.350(1), F.A.C., or otherwise 30 days prior to the change. Note: DEP permits are not automatically transferable upon a change of ownership. If the planned relocation is associated with a change in ownership of the facility, the new owner or operator must submit an Application for Transfer of Permit (DEP form number 62-1.201(1)) to the Department within 30 days after the change of ownership or control.

Current Facility Information

1. **Facility ID** - If known, enter the ARMS facility identification number or AIRS facility identification number.
2. **Permit Number** - Enter the DEP air operation permit number issued by the Department or authorized local air pollution control program for the facility to be relocated.
3. **Facility Owner or Operator** - Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility.
4. **Facility Name** - Enter the name, if any, of the facility addressed in this report (e.g., Okeechobee Plant, Plant "A," etc.).
5. **Facility Street Address or Location Description** - Enter the street address or approximate location at which the facility is currently operating or was most recently operated.
6. **City** - Enter the name of the city in which the facility is, or was most recently, located or the nearest city.
7. **County** - Enter the name of the county in which the facility is, or was most recently, located.
8. **Shutdown Date at This Location** - Enter the month, day and year that the facility ceased to operate or is expected to cease operating at its most recent or current location.

Proposed New Facility Location

1. **Facility Street Address or Location Description** - Enter the street address or approximate location where the facility is proposed to be relocated. This may be an intersection description or any locator which will allow a person unfamiliar with the facility to determine its proposed location (e.g., 3 mi. W. of U.S. 41 off S.R. 786; etc.). Do not enter a post office box number.
2. **City** - Enter the name of the city in which the facility is proposed to be relocated or the name of the nearest city preceded by "N. of," "W. of," etc.
3. **County** - Enter the name of the county in which the facility is proposed to be relocated.
4. **Zip Code** - Enter the five-digit postal zip code of the facility's proposed physical location (not necessarily the mailing address zip code).
5. **Facility Coordinates** - Enter either the Universal Transverse Mercator (UTM) coordinates (at least to the nearest tenth of a kilometer) or the latitude and longitude (dd/mm/ss) of the new site, whichever is most accurately known.
6. **Startup Date at New Location** - Enter the month, day and year that the facility is projected to start operating at its new site.
7. **Facility Comment** - Enter any comments about the facility addressed in this report.

Owner/Authorized Representative or Responsible Official

Enter all the information requested for the individual owner or authorized representative of the corporate or governmental owner of the facility (non-Title V source) addressed in this form. In the case of a Title V source, this person must be the "Responsible Official" as defined in Rule 62-213.200, F.A.C. This must be the person who is authorized to sign any permit-required reports and otherwise act in an official capacity on all matters related to emissions units at the facility.

Facility Contact

Enter all the information requested for the person to be contacted regarding day-to-day operations of air pollutant emissions units at the facility.

Certification

This statement should be signed by the individual named in the section. "Owner/Authorized Representative or Responsible Official."

List of DEP Southwest District County Air Programs

Environmental Protection Commission
of **Hillsborough** County
1410 N. 21st Street
Tampa, FL 33605
(813) 272-5530

Manatee County Environmental
Management Department
P.O. Box 1000
Bradenton, FL 34206-1000
(941) 378-6137

Pinellas County Department
of Environmental Management
300 South Garden Street
Clearwater, FL 34616
(813) 464-4422

Sarasota County Air Quality Program
1301 Cattleman Road, Building B
Sarasota, FL 34232
(941) 378-6136

NOTE: The Southwest District includes: Citrus, DeSoto, Hardee, Hernando, Hillsborough, Lake (portion), Levy (portion), Manatee, Marion (portion), Pasco, Pinellas, Polk, Sarasota, and Sumter counties.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT
FOR FACILITY RELOCATION

The Florida Department of Environmental Protection, Southwest District, gives notice of its intent to issue an amendment to air pollution permit No. 7770262-005-AO, to Angelo's Recycled Materials for the relocation of a portable concrete and reclaimed asphalt processing facility, to [street address or approximate location of the facility as shown on a road map, city, county], Florida. MAILING ADDRESS - Post Office Box 280226, Tampa, FL 33682-0226, to the attention of Mr. Dominico Iafrate, President.

The Department will issue the permit amendment unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 of the Florida Statutes, or a party requests mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

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 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000 within fourteen days of receipt of this Notice of Intent to Issue Permit. 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 (or a request for mediation, as discussed below) 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 of the Florida Statutes, 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 for an administrative hearing must contain the following:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department 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 the 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 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 permit. 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 person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information:

- (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any;
- (b) A statement of the preliminary agency action;
- (c) A statement of the relief sought; and
- (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;

- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) The name of each party's representative who shall have authority to settle or recommend settlement; and

- (g) The signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department's Air Permitting Section located at 8407 Laurel Fair Circle, Tampa, Florida.

D.E.P.
JUL 15 1997
SOUTHWEST DISTRICT
TAMPA

Angelo's Recycled Materials

Portable Bohringer Crushing Unit

***"District-Wide" Relocatable
FDEP Operation Permit Application***



AO- 7770262-005

Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - SHORT FORM

D.E.P.
JUL 15 1997
SOUTHWEST DISTRICT
TAMPA

See Instructions for Form No. 62-210.900(2)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form provides general information on the scope of this application and the purpose for which this application is being submitted. This section also includes information on the owner or authorized representative of the facility and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department on diskette, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility name, if any; and a brief reference to the facility's physical location. If known, also enter the ARMS or AIRS facility identification number. This information is intended to give a quick reference, on the first page of the application form, to the facility addressed in this application. Elsewhere in the form, numbered data fields are provided for entry of the facility data in computer-input format.

ANGELO'S RECYCLED MATERIALS

(Formerly Frontier Recycling, Inc.)

Facility's Main Location:

**0.8 mi. east of Nebraska Ave on Bearss, Tampa,
Hillsborough County, Florida**


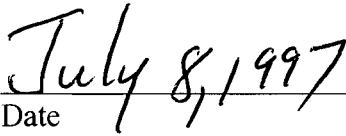
Mailing Address:

Post Office Box 280226, Tampa, Florida 33682-0226

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	July 15, 1997
2. Permit Number:	7770262-005-AO

Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative: <p style="text-align: center;">Mr. Dominico Iafrate, President</p>
2. Owner/Authorized Representative Mailing Address: Organization/Firm: Angelo's Recycled Materials Street Address: Post Office Box 280226 City: Tampa State: Florida Zip Code: 33682-0226
3. Owner/Authorized Representative Telephone Numbers: Telephone: (352) 567-2239 Fax: (NA) Mobile : (813) 625-0052
4. Owner/Authorized Representative Statement: <p><i>I, the undersigned, am the owner or authorized representative* of the facility (non-Title V source) addressed in this Application for Air Permit. 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. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application 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. If the purpose of this application is to obtain an air operation permit or operation permit revision for one or more emissions units which have undergone construction or modification, I 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. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i></p> <p style="text-align: center;"> Signature</p> <p style="text-align: center;"> Date</p>

* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit
001	Bohringer Model RC14 Reclaimed Asphalt and Concrete Concrete Unit Impact Jaw Crusher (EP001) & PortableVibrating Discharge Pan (EP004)
001	Bohringer Model RC14 Reclaimed Asphalt and Concrete Concrete Unit Grizzly Feeder (EP003) & Vibrating Screen (EP002)
001	Bohringer Model RC14 Reclaimed Asphalt and Concrete Concrete Unit Discharge Belt (EP005) & Radial Belt No. 1 (EP007)
001	Bohringer Model RC14 Reclaimed Asphalt and Concrete Concrete Unit Radial Belt No. 2 (EP008) & Radial Belt No. 3 (EP009)
001	Bohringer Model RC14 Reclaimed Asphalt and Concrete Concrete Unit 24" x 80' Discharge Belt (EP006)
002	Truck Loading & Unloading (EP010)
003	Diesel Fired Generator

Purpose of Application

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

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

Current construction permit number: _____

- Air operation permit revision to address one or more newly constructed or modified emissions units.

Current construction permit number: _____

Operation permit to be revised: _____

- Air operation permit renewal.

Operation permit to be renewed: _____

Application Processing Fee

Check one:

Attached - Amount: \$ 1000.00
* similiar source

Not Applicable.

Construction/Modification Information

1. Description of Alterations:

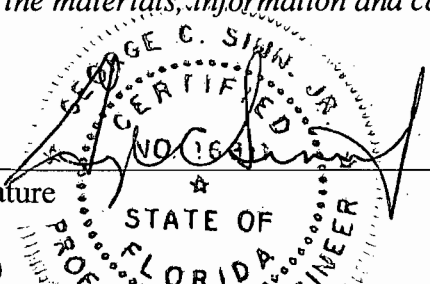
This crushing unit remains the same as stated in the FDEP “after-the-fact” Construction Permit Application; no changes have been made to this unit.

The only alteration to their original application is that it was permitted under the name Frontier Recycling, Inc. (a division of Sanfill of Florida, Inc.) it has recently been purchased by Angel’s Recycled Materials and the main location of the crusher and recycling site will be the permitted Bears Avenue, Tampa, Hillsborough County location.

2. Date of Commencement of Construction (DD-MON-YYYY):

Existing Source - Not Applicable

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: 1400 Starkey Road City: Tampa State: Florida Zip Code: 33771
3. Professional Engineer Telephone Numbers: Telephone: (813) 581-7019 Fax: (813) 585-2222
4. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(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</i> <i>(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.</i>  Signature _____ Date <u>6-9-97</u> (seal)

* Attach any exception to certification statement.

** *With the exception of any manufacturer's guarantees on control equipment used at this facility*

REVISED BY CFTL, INC. on 06/05/97 to include exception clause.

Application Contact

1. Name and Title of Application Contact: Mr. Bernard A. Ball, Jr., Environmental Specialist
2. Application Contact Mailing Address: Organization/Firm: Central Florida Testing Laboratories, Inc. Street Address: 1400 Starkey Road City: Largo State: Florida Zip Code: 33771
3. Application Contact Telephone Numbers: Telephone: (813) 581-7019 Fax: (813) 585-2222

Application Comment

This project consists of an existing, portable reclaimed asphalt and concrete crushing plant recently purchased by Angelo's Recycled Materials. The main and office location of this recycling and crushing facility will be the Bearss Avenue site in Tampa, Hillsborough County, Florida, with the option of other locations listed in the "after-the-fact" construction permit. The fugitive emissions generated from the processing, crushing and conveying of the reclaimed material are controlled by a Chem-Jet Dust Suppression Chemical and water spray bar and spray head system on all fugitive emissions points throughout the crushing and conveying system. All fugitive emissions from uncrushed stockpiles, vehicular traffic and plant grounds are controlled by continuous operation of a water truck. This application is to obtain a "District Wide" FDEP Operation Permit for this crushing unit. This facility will comply with all FDEP Rules and Regulations.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Name, Location, and Type

1. Facility Owner or Operator: Angelo's Recycled Materials			
2. Facility Name: Angelo's Recycled Materials			
3. Facility Identification Number: [] Unknown 7770262			
4. Facility Location Information: Facility Street Address: Post Office Box 280226 City: Tampa County: Hillsborough Zip Code: 33682-0226			
5. Facility UTM Coordinates: 17- 325.8 E, 3087.0 N - 20th Ave., Largo 17- 333.9 E, 3084.8 N - 118th Ave., Clearwater 17-357.6 E, 3107.6 N - Tampa 17- 327.3 E, 3096.2 N. - Hercules Ave., Clearwater			
6. Facility Latitude/Longitude: 27°53'55" 82°46'13" - Largo, 28°05'16" 82°56'58" - Tampa 27°52'48" 82°41'15" - 118th Clearwater 27°58'55" 82°45'20" - Hercules			
7. Governmental Facility Code: 0	8. Facility Status Code: Active	9. Relocatable Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Facility Major Group SIC Code: 14
11. Facility Comment: <i>This facility was formerly permitted under the name Frontier Recycling, Inc., It has recently been purchased by Angelo's Recycled Materials.</i>			

Facility Contact

1. Name and Title of Facility Contact: Mr. Bob Coble, General Manager			
2. Facility Contact Mailing Address: Organization/Firm: Angelo's Recycled Materials Street Address: Post Office Box 280226 City: Tampa State: Florida Zip Code: 33682-0226			
3. Facility Contact Telephone Numbers: Telephone: (352) 567-2239 Fax: NA Mobile : (813) 625-0052			

Facility Regulatory Classifications

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown
2. Title V Source? <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source by Virtue of Previous Air Construction Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Construction Permit Number/Issue Date: <u>7770262-001-AC</u>
4. Facility Regulatory Classifications Comment: <p style="text-align: center;">This facility is a minor source.</p>

B. FACILITY SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the facility as a whole. (Supplemental information related to individual emissions units within the facility is provided in Subsection III-B of the form.) Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: <u>I</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested * On file at FDEP's Office
3. Process Flow Diagram(s): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested * On file at FDEP's Office
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested * On file at FDEP's Office

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A and B) 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

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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.

Emissions Unit Section No. 1 of 3

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: <p>The emissions unit addressed in this section consists of a the Impact Jaw Crusher of the Bohringer Model RC-14 Concrete and Reclaimed Asphalt Crushing Unit. Any emissions generated from nine (9) various emissions points throughout the crushing unit are fugitive and are controlled by dampening the material that is going to be crushed and by a Chem-Jet Dust Supression water spray bar system and spray heads located at everyone of the above mentioned fugitive emission points.</p>	
2. ARMS Identification Number: [] No Corresponding ID [X] Unknown	
3. Emissions Unit Status Code: Active	4. Emissions Unit Major Group SIC Code: 14
5. Initial Startup Date (DD-MON-YYYY): Not Applicable, existing source	
6. Long-term Reserve Shutdown Date (DD-MON-YYYY): Not Applicable	
7. Package Unit: Crushing Unit / Chem-Jet Chemical Spray Bar Dust Supression System Manufacturer: Bohringer / Chem-Jet Model Number: RC14 / NA	
8. Generator Nameplate Rating: Not Applicable MW	
9. Incinerator Information: This section not applicable Dwell Temperature: °F Dwell Time: seconds Incinerator Afterburner Temperature : °F	
10. Emissions Unit Comment:	

Emissions Unit Section No. 1 of 3

Emissions Unit Control Equipment

1. Description: The emissions unit addressed in this section consists of a the Impact Jaw Crusher of the Bohringer Model RC-14 Concrete and Reclaimed Asphalt Crushing Unit. Any emissions generated from nine (9) various emissions points throughout the crushing unit are fugitive and are controlled by dampening the material that is going to be crushed and by a Chem-Jet Dust Supression water spray bar system and spray heads located at everyone of the above mentioned fugitive emission points.
2. Control Device or Method Code(s): 061, 099

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NA	mmBtu/hr
2. Maximum Incineration Rate: NA	lb/hr tons/day
3. Maximum Process or Throughput Rate: 200 tph	
4. Maximum Production Rate: 200 tph	
5. Operating Capacity Comment: Chem-Jet Dust Supression Chemical Water Spray Bar Dust Supression System usually feeds water to spray heads at 135-140 psi.	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:	
hours/day 10	days/week 6
weeks/year 52	hours/year 3120

B. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

<p>1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * on file at FDEP's Office.</p>
<p>2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * on file at FDEP's Office.</p>
<p>4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested</p>
<p>5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> _____ <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable</p>
<p>6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * On file at FDEP's Office.</p>
<p>8. Other Information Required by Rule or Statute <input checked="" type="checkbox"/> Attached, Document ID: <u>IV, V</u> _____ <input type="checkbox"/> Not Applicable</p>

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A and B) 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

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- [] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: The emissions unit addressed in this section consists of a Caterpillar 545 kW, Generator Set fired on No.2 Virgin Diesel Fuel. This generator set is utilized to supply power to the 300 H.P. electric motor that operates the crusher and to various electrically operated belts, etc. throughout the crushing plant. The emissions that are generated by this generator set are uncontrolled.	
2. ARMS Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown	
3. Emissions Unit Status Code: Active	4. Emissions Unit Major Group SIC Code: 14
5. Initial Startup Date (DD-MON-YYYY): Not Applicable, existing source	
6. Long-term Reserve Shutdown Date (DD-MON-YYYY): Not Applicable	
7. Package Unit: Generator Set - 545 kW	
8. Manufacturer: Caterpillar Machinery Co. Model Number: NA	
8. Generator Nameplate Rating: 545 kW	
9. Incinerator Information: This section not applicable Dwell Temperature: °F Dwell Time: seconds Incinerator Afterburner Temperature : °F	
10. Emissions Unit Comment:	

Emissions Unit Control Equipment

1. Description: The emissions from this Caterpillar Diesel fired Generator Set are uncontrolled, Sulfur Dioxide Emissions are controlled by limiting the sulfur rates.
2. Control Device or Method Code(s): <p style="text-align: center;">NA</p>

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NA	mmBtu/hr	
2. Maximum Incineration Rate: NA	lb/hr	tons/day
3. Maximum Process or Throughput Rate: 45 gal/hr		
4. Maximum Production Rate: 45 gal/hr		
5. Operating Capacity Comment:		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	hours/day 10	days/week 6
	weeks/year 52	hours/year 3120

B. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * on file at FDEP's Office.
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u>II</u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * on file at FDEP's Office.
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * On file at FDEP's Office.
8. Other Information Required by Rule or Statute <input checked="" type="checkbox"/> Attached, Document ID: <u>IV, V</u> <input checked="" type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A and B) 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

This subsection of the Application for Air Permit form provides general information on the emissions unit addressed in this Emissions Unit Information Section, including information on the type, control equipment, operating capacity, and operating schedule of the emissions unit.

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, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated 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.

Emissions Unit Section No. 3 of 3

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section: <p>The emissions units addressed in this section consists of truck loading of crushed material by a front end loader and truck unloading of reclaimed material from jobsites to be processed by the crusher. The emissions that are generated by these processes are uncontrolled and are fugitive with the exception that stockpiles are kept damp to control fugitive emissions.</p>	
2. ARMS Identification Number: [] No Corresponding ID [X] Unknown	
3. Emissions Unit Status Code: Active	4. Emissions Unit Major Group SIC Code: 14
5. Initial Startup Date (DD-MON-YYYY): Not Applicable, existing source	
6. Long-term Reserve Shutdown Date (DD-MON-YYYY): Not Applicable	
9. Package Unit: Truck Loading / Unloading	
10. Manufacturer:	Model Number: NA
8. Generator Nameplate Rating:	
9. Incinerator Information: This section not applicable	
Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature :	°F
10. Emissions Unit Comment:	

Emissions Unit Section No. 3 of 3

Emissions Unit Control Equipment

1. Description: The emissions from Truck Loading and Unloading are uncontrolled, with the exception that all stockpiles are kept damp to control fugitive emissions. Careful work practice relayed by Angelo's Recycled Materials Personnel to by both truck drivers and loader operators as to control fugitive emissions on site also.
2. Control Device or Method Code(s): <p style="text-align: center;">NA</p>

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NA	mmBtu/hr	
2. Maximum Incineration Rate: NA	lb/hr	tons/day
3. Maximum Process or Throughput Rate: AS NEEDED		
4. Maximum Production Rate: NA		
11. Operating Capacity Comment: All trucks coming into this facility are weighed the directed to the dump spot and also informed on careful work practice as not to cause excessive fugitive emissions.		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	Hours/day 10	days/week 6
	weeks/year 52	hours/year 3120

B. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section. Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

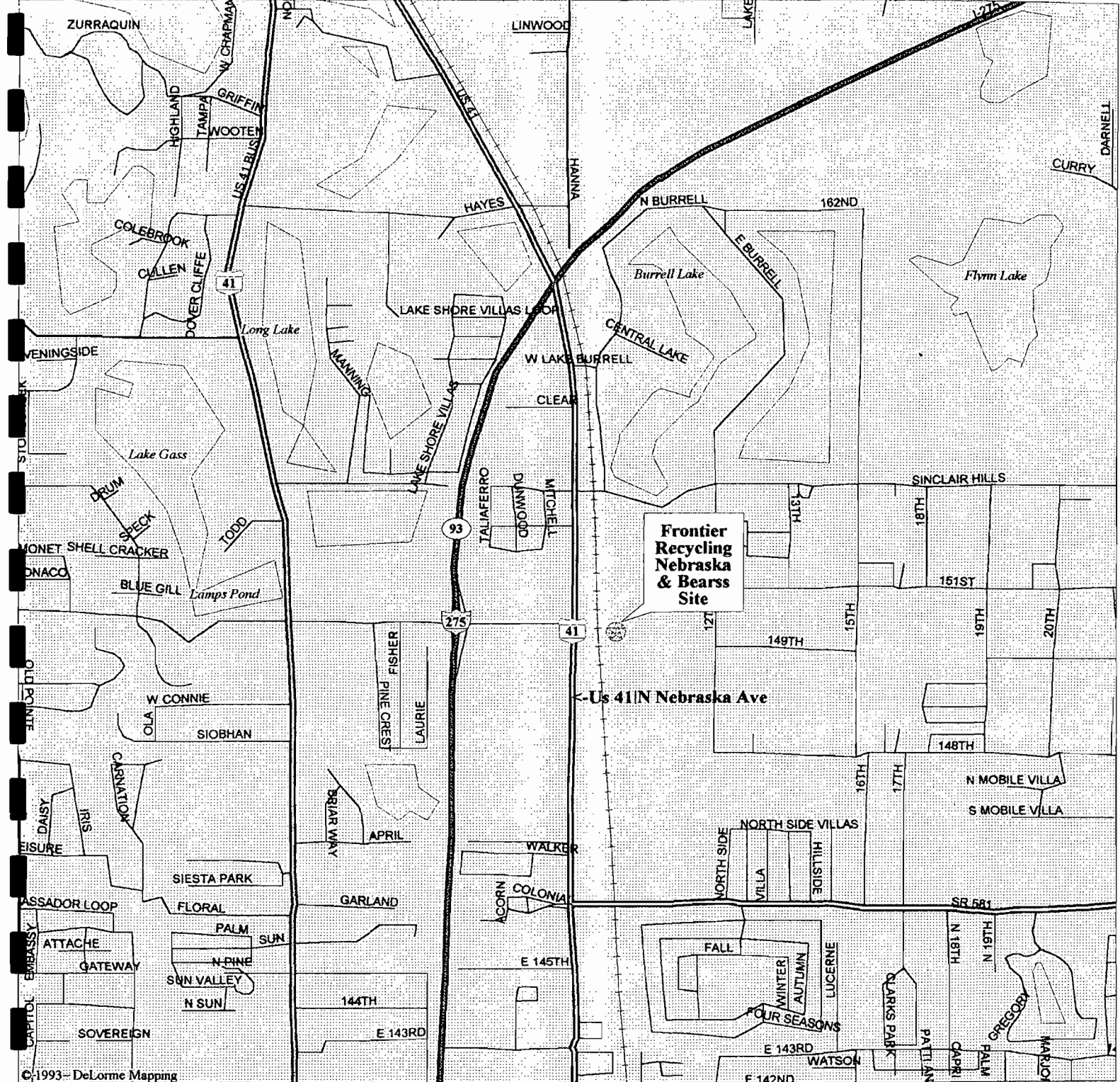
Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * on file at FDEP's Office.
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u>II</u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * on file at FDEP's Office.
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u>III</u> <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable [*X] Waiver Requested * On file at FDEP's Office.
8. Other Information Required by Rule or Statute <input checked="" type="checkbox"/> Attached, Document ID: <u>IV, V</u> <input checked="" type="checkbox"/> Not Applicable

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WEIGHT DETERMINATION**
- V. PROCESS WEIGHT
DETERMINATION**
- VI. CRUSHING PLANT LOG SHEETS**

I. AREA MAP



©1993- DeLorme Mapping

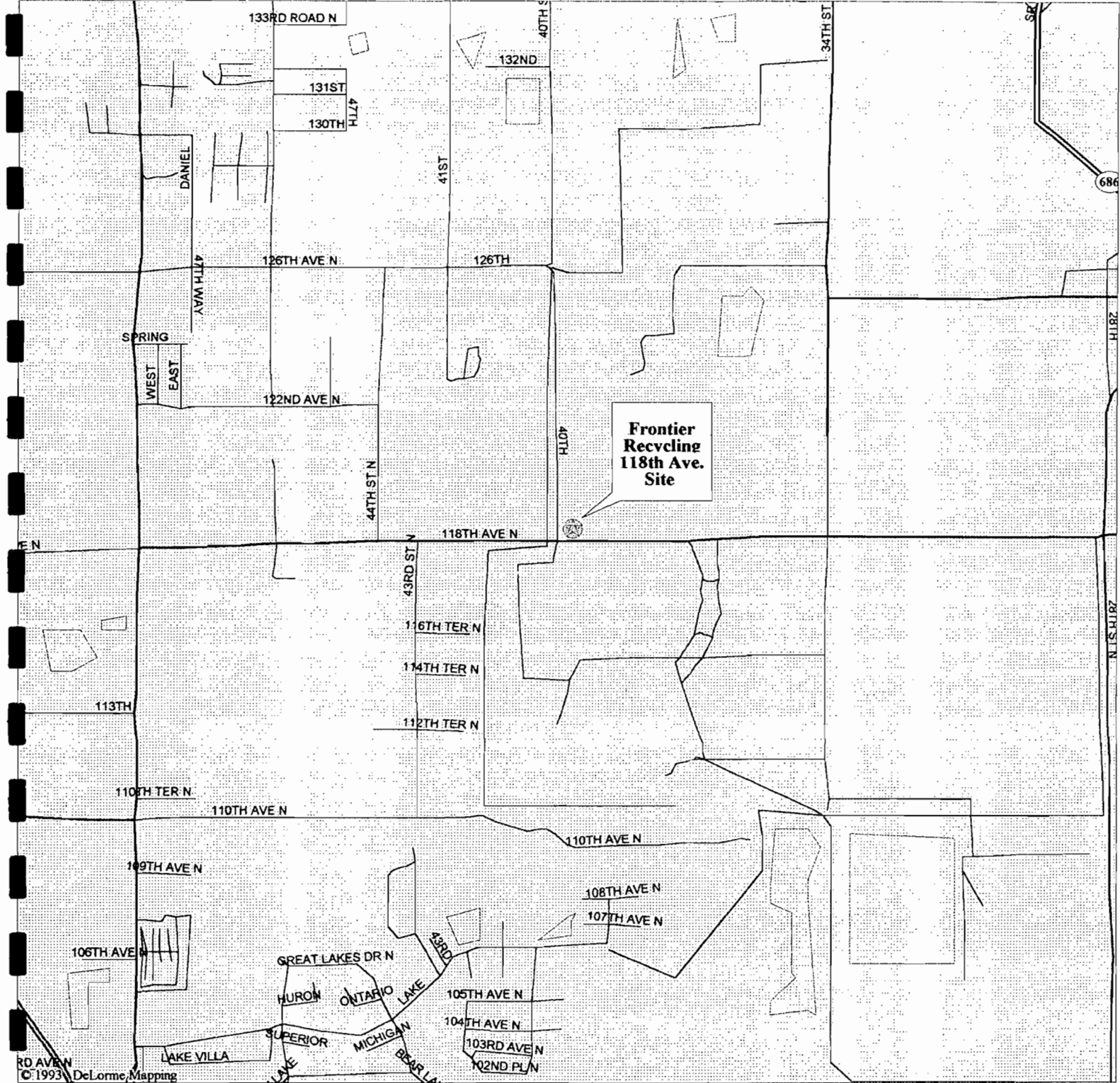
- LEGEND**
- State Route
 - Interstate, Turnpike
 - US Highway
 - Population Center
 - Street, Road
 - Hwy Ramp
 - Major Street/Road
 - Interstate Highway
 - State Route
 - US Highway
 - Railroad
 - Open Water

Scale 1:15,625 (at center)

1000 Feet

500 Meters

Mag 15.00
Mon Oct 02 10:07:28 1995



RD AVEN
©1993 DeLorme Mapping

- LEGEND**
- State Route
 - Population Center
 - Street, Road
 - Hwy Ramp
 - Major Street/Road
 - State Route
 - US Highway
 - River

Open Water

Scale 1:15,625 (at center)

1000 Feet

500 Meters

Mag 15.00
Mon Oct 02 09:49:04 1995

**II. FUEL ANALYSIS FOR
GENERATOR SET**

42.06 4/88
Diesel Fuels

McMULLEN OIL CO.
11985 - 49th STREET N.
CLEARWATER, FL 34622

Bob Coble

Frontier Fuel Oil Analysis

CHEVRON DIESEL FUEL NO. 2

TYPICAL TEST DATA*

Tests	Richmond	El Segundo	<i>X</i> Pasadena	Salt Lake	El Paso	Hawaii	Phila- delphia	Alaska	Special Diesel El Segundo	Port Arthur
Gravity, °API	31.7	32.0	32.0	30.8	32.8	30.8	34.1	33.0	35.0	31.7
Flesh, Pensky-Martens, °C (°F)	100 (212)	81 (178)	77 (170)	89 (166)	78 (169)	116 (240)	66 (151)	66 (150)	71 (160)	85 (184)
Rheometric Viscosity at 40°C, cSt	4.0	3.7	2.8	2.8	3.1	4.1	3.2	3.8	3.0	3.2
Cloud Point, °C (°F):										
Summer	-7 (+20)	-8 (+18)	-10 (+14)	-7 (+20)	-10 (+14)	+4 (+40)	-8 (+15)	-9 (+16)	-9 (+16)	-9 (+15)
Winter***	8 (+48)	10 (+48)	11 (+52)	-17 (+2)	-18 (0)	+4 (+40)	-8 (+15)	-10 (+4)	-17 (+10)	-8 (+15)
Pour Point, °C (°F):										
Summer	-9 (+15)	-12 (+10)	-12 (+10)	-8 (+18)	-18 (0)	+1 (+30)	-18 (0)	-12 (+10)	-12 (+10)	-18 (0)
Winter	-18 (0)	-12 (+10)	-18 (0)	-18 (0)	-32 (-25)	+1 (+30)	-18 (0)	-40 (-40)	-18 (0)	-18 (0)
Sulfur, Mass %	0.30	0.45	0.38	0.24	0.45	0.31	0.13	0.40	0.03	0.19
Corrosion, 3 Hrs. at 100°C	1									
Sediment & Water, Volume %	Less than 0.05									
Carbon Residue (10% botts), Mass %	0.15	0.10	0.18	0.14	0.12	0.04	0.13	0.12	0.15	0.17
Ash, Mass %	Less than 0.01									
Color, ASTM	1.5	2.0	1.8	1.5	1.8	2.8	0.5	0.5	1.0	1.0
Cetane	45	48	48	48	47	54	48	48	47	43
ASTM Distribution, °C (°F)**										
10% Recovered	284 (480)	280 (482)	230 (448)	210 (410)	225 (437)	272 (522)	235 (455)	172 (341)	227 (440)	243 (470)
50% Recovered	288 (550)	282 (540)	277 (530)	243 (470)	277 (530)	297 (566)	274 (526)	236 (451)	271 (520)	278 (533)
90% Recovered	324 (615)	310 (590)	326 (618)	292 (558)	335 (635)	322 (612)	313 (598)	288 (552)	304 (580)	315 (601)
End Point	346 (654)	329 (624)	350 (662)	305 (585)	383 (686)	343 (650)	348 (644)	347 (657)	327 (620)	338 (642)
BTU per Pound, Gross	19,440	19,520	19,440	19,700	19,530	19,840	19,800	19,500	19,810	19,500
BTU per Gallon, Gross	138,880	138,560	138,000	139,800	138,650	140,860	138,000	138,440	139,800	138,480
Vapor Pressure at 37.8°C, PSIA	0.04									

This one

* Subject to change without notice. Not to be guaranteed.
 ** El Paso Distillations corrected to sea level.
 *** Winter Cloud Points tailored to meet local requirements during distribution in most areas.



McMULLEN OIL CO.
11835 - 49th STREET N.
OLD WATERS, FL 34622

8/85 42.05
Diesel Fuels

CHEVRON DIESEL FUEL NO. 2 (CPS 272102)

TYPICAL TEST DATA: Refer to Typical Tests on reverse side.

PRODUCT DESCRIPTION

A carefully refined, high quality "regular" diesel fuel, ASTM No. 2-D Grade.

Rust preventive qualities provide rust protection for the fuel system, including fuel storage tanks.

Meets the requirements of ASTM D975 for a grade 2-D fuel. Also meets the requirements of ASTM D2880 for a No. 2-GT fuel (refer inquiries to Headquarters if a guarantee of trace metals content is requested).

Meets the requirements of Federal Specification VV-F-800C for grade DF-2 in most respects, however some exceptions may be required. Contact Headquarters before bidding.

TYPICAL USES

Used in all popular makes of high-speed diesel engines.

An "all-purpose" diesel fuel meeting the performance requirements of major diesel engine manufacturers.

Suitable for use as a gas turbine fuel oil in industrial turbine applications when a No. 2-GT fuel is specified.

CUSTOMER BENEFITS

TOP ECONOMY. High heat content means high miles-per-gallon of fuel consumed.

RUST PROTECTIVE QUALITIES reduce rusting of any part of the fuel system, including storage tanks.

CLEAN BURNING and **LESS SMOKE** because injectors remain cleaner.

QUALITY assured by rigid refinery control.

HIGH CETANE RATING for top engine performance.

WARNING STATEMENT

DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE. PROLONGED OR REPEATED CONTACT WITH SKIN CAN BE HARMFUL. KEEP OUT OF REACH OF CHILDREN.

Contains Petroleum Distillate. DO NOT USE OR STORE near flame, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed. Clean up spills immediately. Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F.

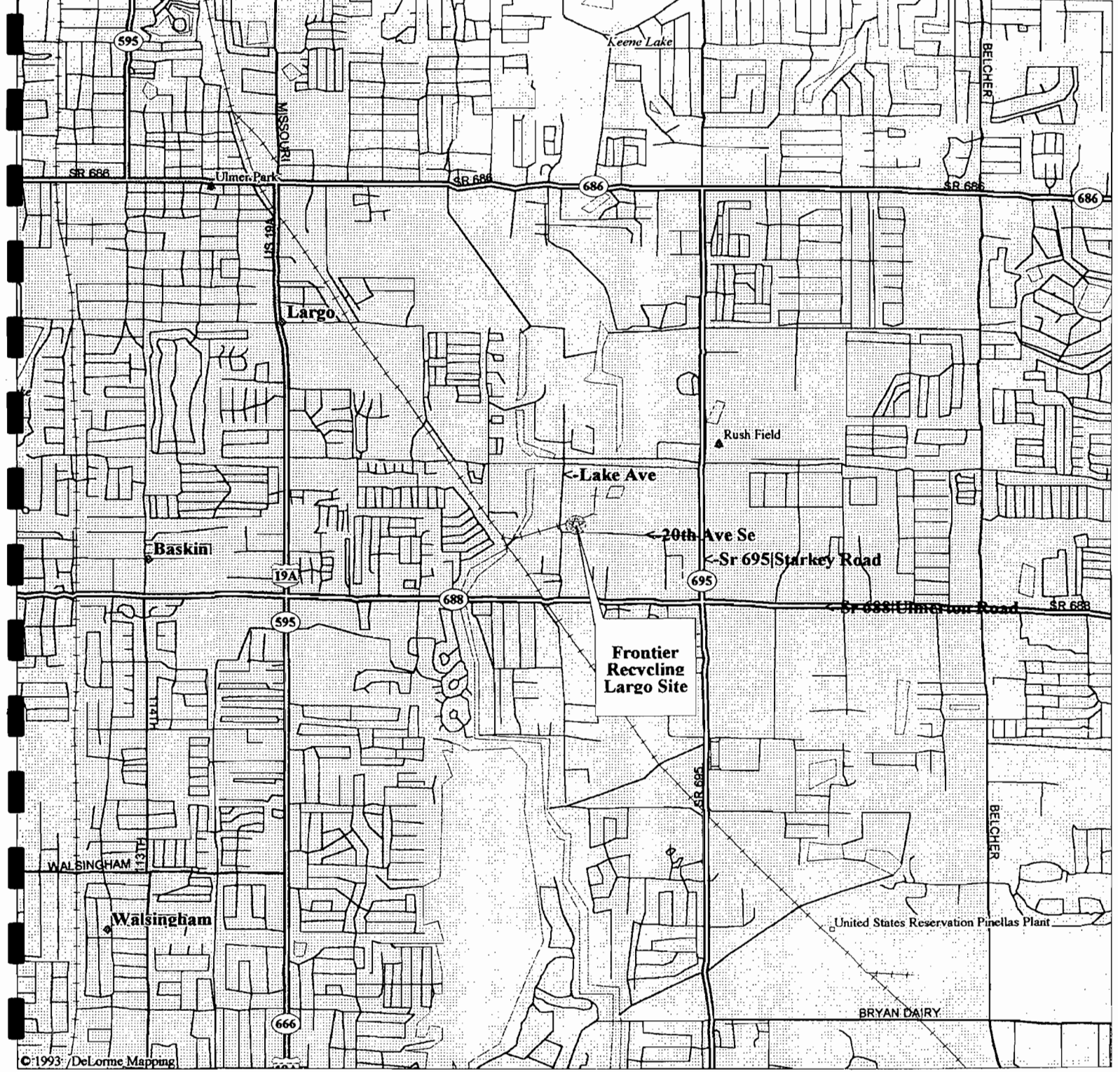
Not for use as portable heater or appliance fuel. Toxic fumes may accumulate and cause death.

Avoid prolonged or repeated breathing of vapor or contact with skin or eyes.

FIRST AID: If swallowed, DO NOT MAKE PERSON VOMIT. CALL A DOCTOR IMMEDIATELY. If overcome by vapor, MOVE PATIENT TO FRESH AIR. IF NOT BREATHING, APPLY ARTIFICIAL RESPIRATION AND CALL A DOCTOR. Note to physician: This product can cause central nervous system depression. Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid which can cause pneumonitis.

See Chevron Material Safety Data Sheet No. CPS 272102 for further details regarding safe use of this product. Available from your Chevron supplier.





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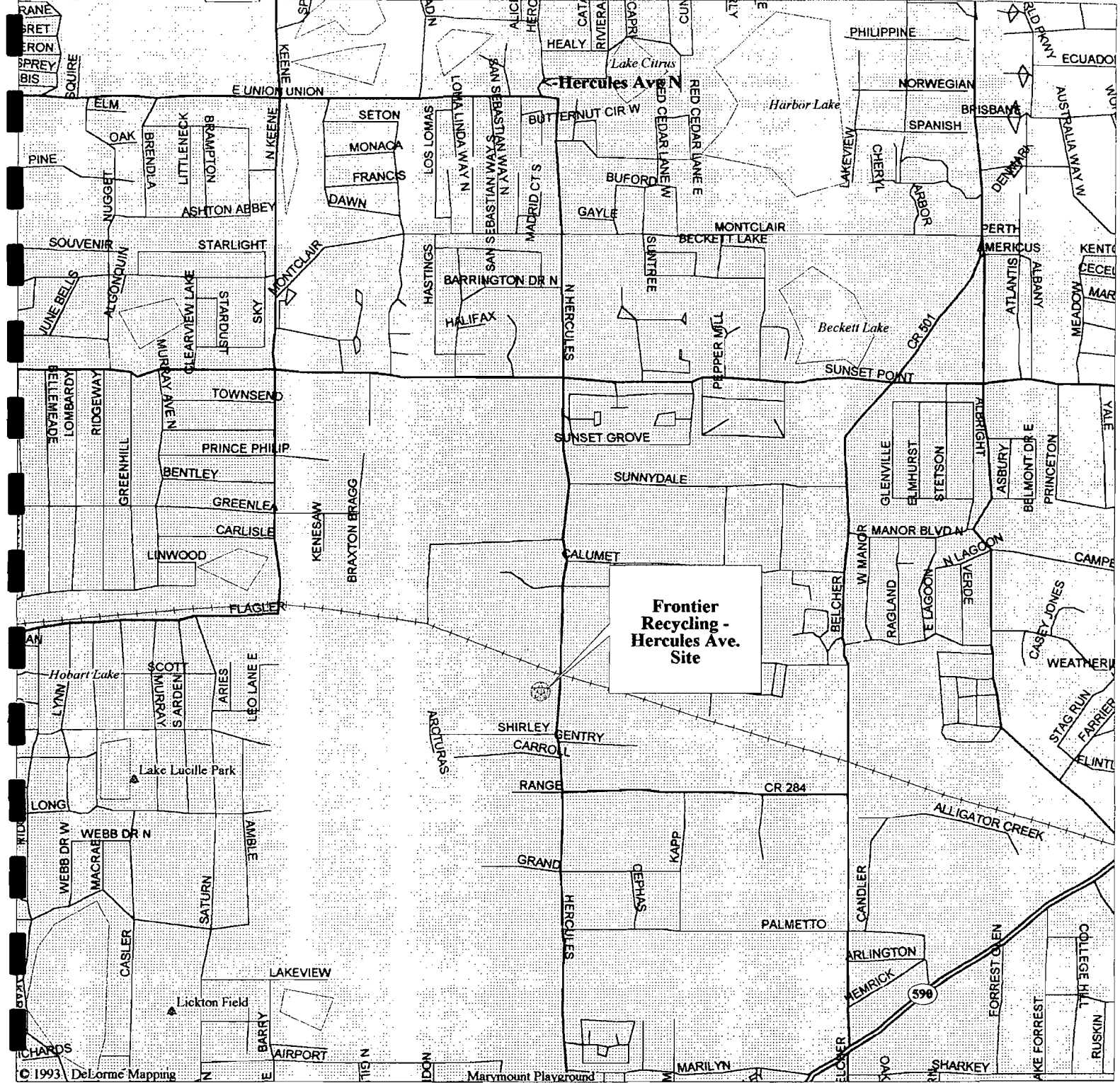
- LEGEND**
- State Route
 - Geo Feature
 - Town, Small City
 - Park
 - US Highway
 - Population Center
 - Street, Road
 - Major Street/Road
 - State Route
 - US Highway
 - Railroad
 - River
 - Open Water

Scale 1:31,250 (at center)









2000 Feet


1000 Meters

Mag 14.00
 Mon Oct 02 10:15:18 1995

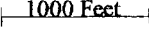


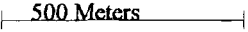
© 1993 Delorme Mapping

- LEGEND**
-  State Route
 -  Park
 -  Population Center
 -  Street, Road
 -  Major Street/Road
 -  State Route
 -  Railroad
 -  River

 Open Water

Scale 1:15,625 (at center)

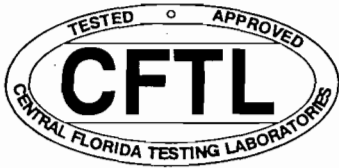
 1000 Feet

 500 Meters

Mag 13.00

Mon Oct 02 09:40:23 1995

**III. INITIAL VISIBLE EMISSIONS
COMPLIANCE TESTS**



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Crusher (EP No. 1)

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

FORM NUMBER _____ PAGE 1 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT _____ SOURCE PERMIT NUMBER 7770262-001-AC

CONTINUED ON VEO NUMBER _____

OBSERVATION DATE 04-11-97 START TIME 7:44 AM END TIME 8:44 AM

PROCESS EQUIPMENT Coltinger Portable Crushing Unit - Crusher OPERATING MODE 200 TPH
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
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11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
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16	0	0	0	0	46	0	0	0	0
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19	0	0	0	0	49	0	0	0	0
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22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
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27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
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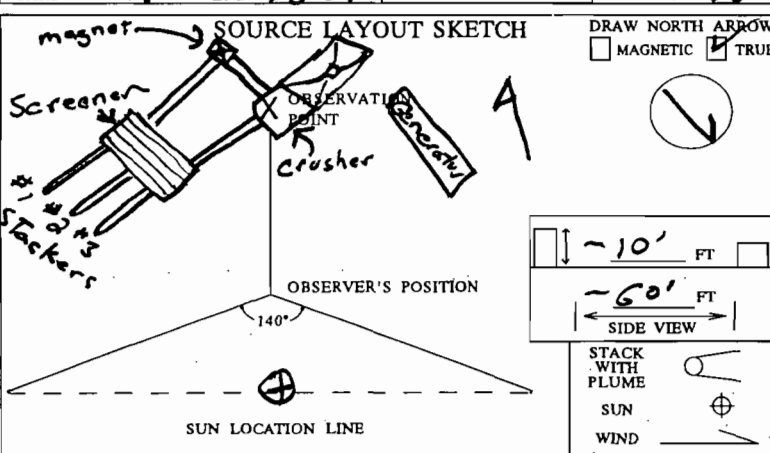
DESCRIBE EMISSION PT. Hole in Top of Crusher were oversize product is loaded into.

DISTANCE TO EMISS. PT. START ~60' END Same DIRECTION TO EMISS. PT. (DEGREES) START 260°SW END Same
 HEIGHT OF EMISS. PT. START ~10' END Same HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~5' END Same

VERTICAL ANGLE TO OBS. PT. START ~2° END Same DIRECTION TO OBS. PT. (DEGREES) START ~260°SW END Same
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START ~60' ~260°SW END Same

DESCRIBE EMISSIONS START none END Same
 EMISSION COLOR START N/A END Same WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Green & Brown trees END Same
 BACKGROUND COLOR START Green & Brown END Same SKY CONDITIONS START Cloudy END Same
 WIND SPEED START ~1-3mph END Same WIND DIRECTION START NE END Same
 AMBIENT TEMPERATURE START 75.8 END 76.2 WET BULB TEMP. PERCENT RH START 87%

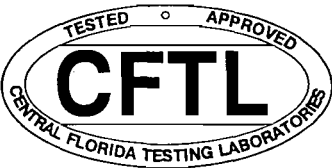


LAT: _____ LONG: _____ DECLINATION 0

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION NO objectionable odors, no fugitive emissions detected. See process weight table for process weight & Determinations.
Water truck spraying facility grounds
Chem Jet system @ 135-137 PSI

OBSERVER'S NAME (PRINT) Anthony A Sesin
 OBSERVER'S SIGNATURE Anthony M Sesin DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA Tampe DATE 2-26-97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

Crusher (EP No. 1)

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

FORM NUMBER _____ PAGE 2 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT _____ SOURCE PERMIT NUMBER 7710262-00-AC

CONTINUED ON VEO NUMBER _____

PROCESS EQUIPMENT Portable Crushing Unit - Crusher OPERATING MODE 200TPH
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont

OBSERVATION DATE 04-11-97 START TIME 8:45 AM END TIME 9:45 AM

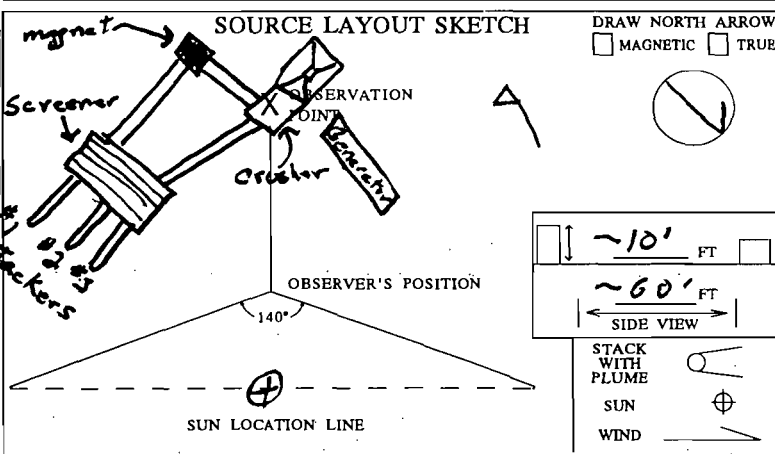
DESCRIBE EMISSION PT. Hole in top of crusher were oversize product is loaded into.
 DISTANCE TO EMISS. PT. _____ DIRECTION TO EMISS. PT. (DEGREES) _____
 START ~60' END Same START 260°SW END Same
 HEIGHT TO EMISS. PT. _____ HEIGHT TO EMISS. PT. REL. TO OBSERVER _____
 START ~10' END Same START ~5' END Same

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

VERTICAL ANGLE TO OBS. PT. _____ DIRECTION TO OBS. PT. (DEGREES) _____
 START ~2° END _____ START ~260°SW END Same
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. _____
 START ~60' ~260°SW END Same

DESCRIBE EMISSIONS
 START NONE END Same
 EMISSION COLOR _____ WATER DROPLET PLUME _____
 START N/A END Same ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND
 START Green & Brown Trees END Same
 BACKGROUND COLOR _____ SKY CONDITIONS _____
 START Green & Brown END Same START Cloudy END Same
 WIND SPEED _____ WIND DIRECTION _____
 START ~1-3MPH END Same START NE END Same
 AMBIENT TEMPERATURE _____ WET BULB TEMP. _____ PERCENT RH _____
 START 78.1 END 77.5 START _____ END 87%

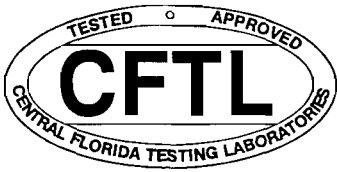


LAT: _____ LONG: _____ DECLINATION 0

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
NO objectionable odors, no fugitive emissions detected, see process weight table for process weight Determinations
Water truck spraying Facility grounds
Chem Jet system @ 150-175 PSI

OBSERVER'S NAME (PRINT) Anthony M Sesin
 OBSERVER'S SIGNATURE Anthony M Sesin DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA Tampe DATE 2-26-97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

Crusher (EP No. 1)

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

FORM NUMBER _____ PAGE 3 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT _____ SOURCE PERMIT NUMBER 7770262-00-AC

CONTINUED ON VEO NUMBER _____

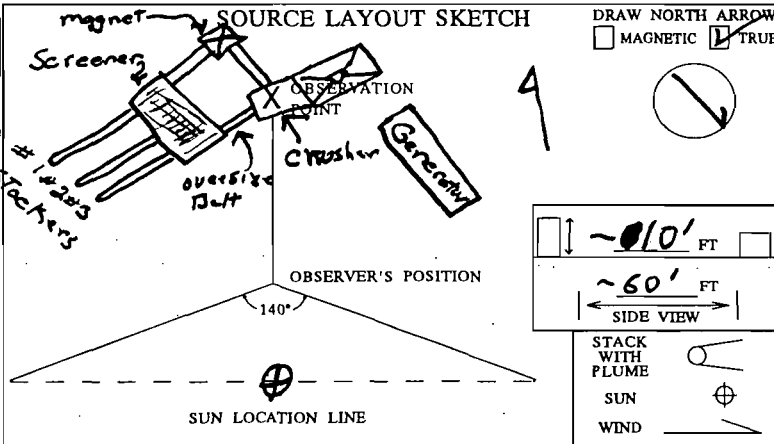
PROCESS EQUIPMENT Coliniger Portable OPERATING MODE _____
Crushing Unit - Crusher OPERATING MODE 200TPH
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont

OBSERVATION DATE 04-11-97 START TIME 9:46AM END TIME 10:46AM

DESCRIBE EMISSION PT. Hole in top of Crusher were
oversize product is loaded into.
 DISTANCE TO EMISS. PT. START ~60' END Same DIRECTION TO EMISS. PT. (DEGREES) START 260°SW END Same
 HEIGHT OF EMISS. PT. START ~10' END Same DIRECTION TO EMISS. PT. REL. TO OBSERVER START ~5' END Same
 VERTICAL ANGLE TO OBS. PT. START ~2° END Same DIRECTION TO OBS. PT. (DEGREES) START ~260°SW END Same
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START ~60' ~260°SW END Same

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

DESCRIBE EMISSIONS START None END Same
 EMISSION COLOR START N/A END _____ WATER DROPLET PLUME ATTACHED DETACHED NONE
 DESCRIBE PLUME BACKGROUND START Green & Brown END Same
 BACKGROUND COLOR START Green & Brown END Same SKY CONDITIONS START Cloudy END Same
 WIND SPEED START 4-3 mph END Same WIND DIRECTION START NE END Same
 AMBIENT TEMPERATURE START 77.5 END 77.8 WET BULB TEMP. _____ PERCENT RH 87%

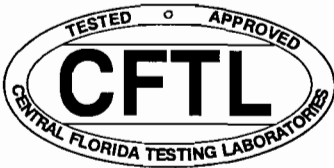


LAT: _____ LONG: _____ DECLINATION 0

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
NO objectionable odors, no fugitive emissions detected. See process weight table for process weight Determinations
Water track spraying facility grounds Chem Jet system @ 125-137 PSI

OBSERVER'S NAME (PRINT) Anthony M Se Sen
 OBSERVER'S SIGNATURE Anthony M Se Sen DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA Tampa DATE 2-26-97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

Screener (EP No. 2)

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

FORM NUMBER EP021 PAGE 1 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 31649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7710262-001-AC(EP#02)

CONTINUED ON VEO NUMBER EP022

PROCESS EQUIPMENT Colman Portable Crushing Unit - 48'x6' vibrating screener OPERATING MODE 200 tph
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont. 135-137

OBSERVATION DATE 04-11-97 START TIME 7:48:00 am END TIME 8:47:45 am

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

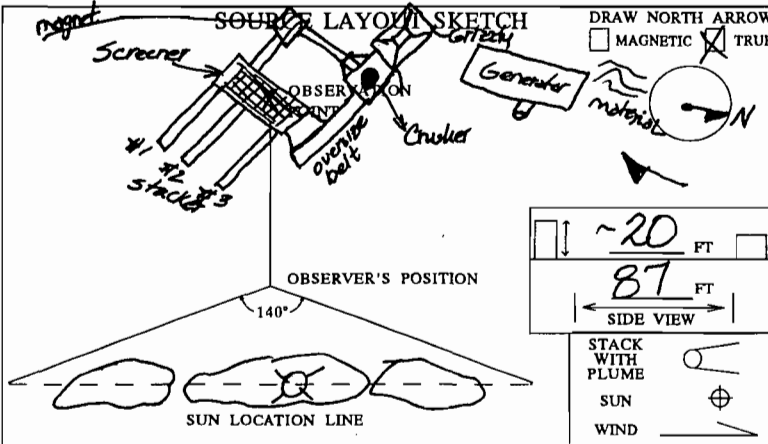
DESCRIBE EMISSION PT. Top of screening device, to the west of #1, 2, 3 stacker belts.

DISTANCE TO EMISS. PT. START 87' END 87' DIRECTION TO EMISS. PT. (DEGREES) START SW(232°) END SW(232°)
 HEIGHT OF EMISS. PT. START ~20' END ~20' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~17' END ~17'

VERTICAL ANGLE TO OBS. PT. START 4° END 4° DIRECTION TO OBS. PT. (DEGREES) START SW(232°) END SW(232°)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

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

DESCRIBE PLUME BACKGROUND START Cloudy Gray sky END Clay gray sky
 BACKGROUND COLOR START gray END gray SKY CONDITIONS START Overcast END Overcast
 WIND SPEED START 3-8mph END 3-8mph WIND DIRECTION FROM START NE(240°) END NE(240°)
 AMBIENT TEMPERATURE START 75.4°F END 76.2°F WET BULB TEMP. 82% PERCENT RH 82%

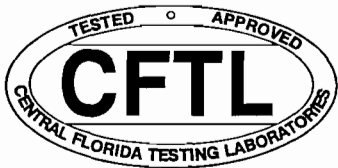


LAT: LONG: DECLINATION Ø

AVERAGE DENSITY 0% HIGHEST SIX-MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
No objectionable odors, no fugitive emissions detected. See process weight Table for Process Weight Determinations.
Water Truck Spraying facility grounds.
Chem Jet System @ 135-137 psi

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

Screeners (EP No. 2)

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

FORM NUMBER EP022 PAGE 2 OF 3

CONTINUED ON VEO NUMBER EP023

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7710262-00-AC (EP#02)

OBSERVATION DATE 04-11-97 START TIME 8:50:00am END TIME 9:49:45am

PROCESS EQUIPMENT Colman portable Crushing Unit - 48" x 6" vibrating screener OPERATING MODE 200 tph
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont. (135psi)

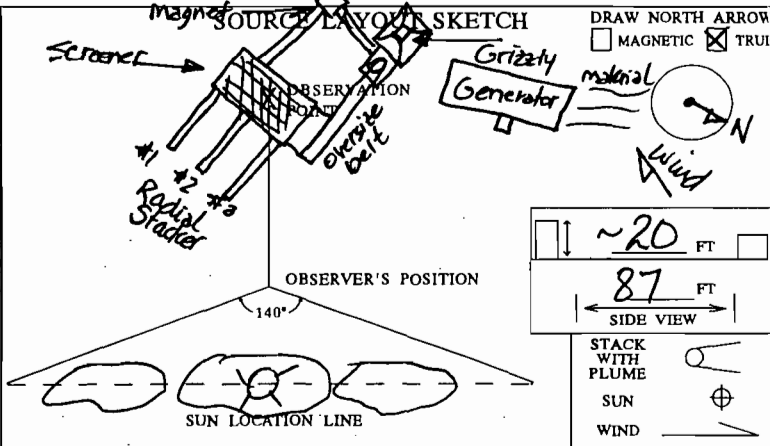
MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0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

DESCRIBE EMISSION PT. Top of screening device, to the west of #1, 2 & 3 stacker belts
 DISTANCE TO EMISS. PT. START 87' END 87' DIRECTION TO EMISS. PT. (DEGREES) START SW(232°) END SW(232°)
 HEIGHT OF EMISS. PT. START ~20' END ~20' START ~17' END ~17'

VERTICAL ANGLE TO OBS. PT. START 4° END 4° DIRECTION TO OBS. PT. (DEGREES) START SW(232°) END SW(232°)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Same END SAME

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

DESCRIBE PLUME BACKGROUND START cldy gray sky END cloudy gray sky
 BACKGROUND COLOR SKY CONDITIONS START gray END gray START Overcast END Overcast
 WIND SPEED WIND DIRECTION START 3-8mph END 3-8mph START NE(24°) END NE(24°)
 AMBIENT TEMPERATURE WET BULB TEMP. PERCENT RH START 76.3°F END 77.5°F 84%

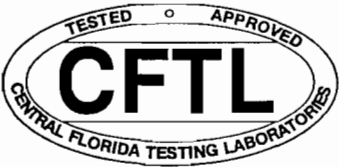


AVERAGE OPACITY 0% HIGHEST SIX-MINUTE INTERVAL 0%

LAT: LONG: DECLINATION:

ADDITIONAL INFORMATION No objectionable odors - no fugitives from plant grounds. Water truck in operation. See process weight section for Process Weight Determinations. Chem Jet System @ 135 psi.

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

Screening (EP No. 2)

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

FORM NUMBER EP023 PAGE 3 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-001-AC (EP#2)

CONTINUED ON VEO NUMBER - - - -

PROCESS EQUIPMENT Roller Portable Crushing Unit - 48" x 6' vibrating screen OPERATING MODE 200 tpu
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont. (135 psi)

OBSERVATION DATE 04-11-97 START TIME 9:53:00 AM END TIME 10:52:45 AM

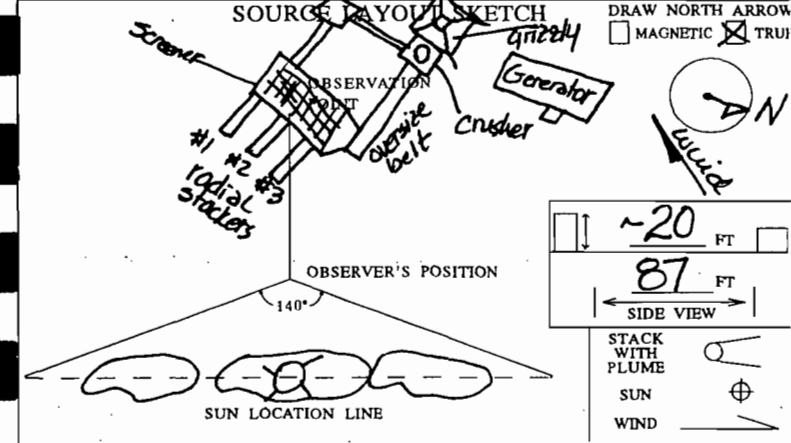
DESCRIBE EMISSION, PT. Top of screening device, to west of radial stackers No. 1, 2, & 3
 DISTANCE TO EMISS. PT. START 87' END 87' DIRECTION TO EMISS. PT. (DEGREES) START SW(232°) END SW(232°)
 HEIGHT OF EMISS. PT. START ~20' END ~20' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~17' END ~17'

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

VERTICAL ANGLE TO OBS. PT. START 4° END 4° DIRECTION TO OBS. PT. (DEGREES) START SW(232°) END SW(232°)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END SAME

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

DESCRIBE PLUME BACKGROUND START Cloudy gray sky END Cloudy gray sky
 BACKGROUND COLOR START gray END gray SKY CONDITIONS START Overcast END Overcast
 WIND SPEED START 4-10 mph END 4-10 mph WIND DIRECTION START From NE(22°) END From NE(22°)
 AMBIENT TEMPERATURE START 77.5°F END 77.8°F WET BULB TEMP. PERCENT RH 86%

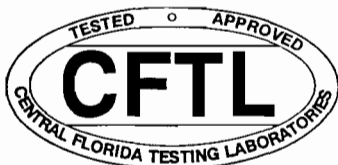


LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION No fugitives observed from plant grounds. No objectionable odors detected. Water truck spraying yard. See Process Weight section of test for Process Weight Determination. Chem Jet system @ 135 psi

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

Grizzly Feeder (ep#3)

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

FORM NUMBER _____ PAGE 1 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT _____ SOURCE PERMIT NUMBER 7770262-00-AC

CONTINUED ON VEO NUMBER _____

PROCESS EQUIPMENT Rolling Portable Crushing Unit - Feeder OPERATING MODE 200TPH
 CONTROL EQUIPMENT Chem-Set Dust Suppression System OPERATING MODE Cont

OBSERVATION DATE 04-11-97 START TIME 7:44 AM END TIME 8:44 AM

DESCRIBE EMISSION PT. Top of Feeder where product is loaded to be processed.

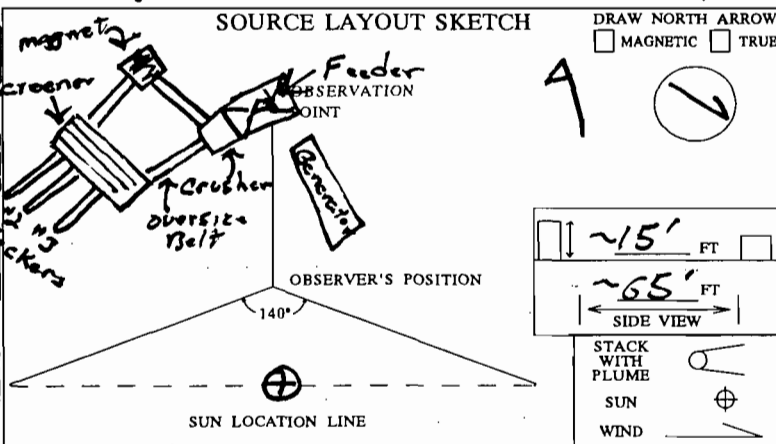
MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0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

DISTANCE TO EMISS. PT. _____ DIRECTION TO EMISS. PT. (DEGREES) _____
 START ~65' END Same START 266°NW END Same
 HEIGHT TO EMISS. PT. _____ HEIGHT TO EMISS. PT. REL. TO OBSERVER _____
 START ~15' END Same START ~15' END Same

VERTICAL ANGLE TO OBS. PT. _____ DIRECTION TO OBS. PT. (DEGREES) _____
 START ~6° END Same START 266°NW END Same
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. _____
 START ~65' 266°NW END Same

DESCRIBE EMISSIONS
 START none END Same
 EMISSION COLOR _____ WATER DROPLET PLUME _____
 START NA END _____ ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND
 START Gray Skys END Same
 BACKGROUND COLOR _____ SKY CONDITIONS _____
 START Gray END Same START Scattered END Same
 WIND SPEED _____ WIND DIRECTION _____
 START 7-5mph END Same START NE END Same
 AMBIENT TEMPERATURE _____ WET BULB TEMP. _____ PERCENT RH _____
 START 75.8 END 76.2 _____ 82%

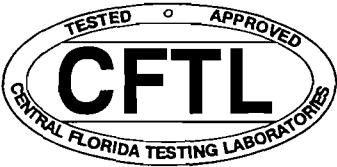


LAT: _____ LONG: _____ DECLINATION 0

AVERAGE OPACITY 070 HIGHEST SIX MINUTE INTERVAL 070

ADDITIONAL INFORMATION
No objectionable odors, no fugitives emissions detected. See process weight Table for process weight Determinations.
Water truck Spraying facility grounds
Cem Set System @ 135-137 psc

OBSERVER'S NAME (PRINT) Anthony M SeSim
 OBSERVER'S SIGNATURE Anthony M SeSim DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY EPATampa DATE 2-26-97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Grizzly Feeder (EP #3)

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

FORM NUMBER _____ PAGE 2 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT _____ SOURCE PERMIT NUMBER 7770262-04-AC

CONTINUED ON VEO NUMBER _____

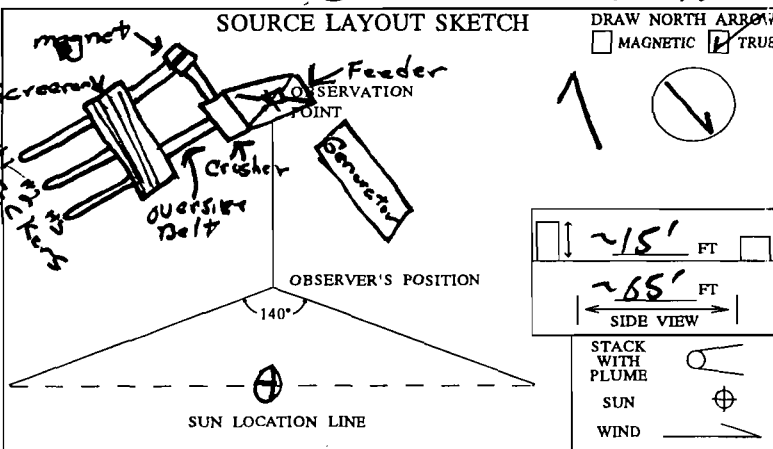
PROCESS EQUIPMENT Edinger Portable Crushing Unit - Feeder OPERATING MODE 200TPH
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont

OBSERVATION DATE 04-11-97 START TIME 8:45 AM END TIME 9:45 AM

DESCRIBE EMISSION PT. Tops of Feeder were product is loaded to be processed.
 DISTANCE TO EMISS. PT. START ~65' END Same DIRECTION TO EMISS. PT. (DEGREES) START 266°NW END Same
 HEIGHT OF EMISS. PT. START ~15' END Same HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~15' END Same
 VERTICAL ANGLE TO OBS. PT. START ~6° END Same DIRECTION TO OBS. PT. (DEGREES) START 266°NW END Same
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START 65'-266°NW END Same

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

DESCRIBE EMISSIONS START none END Same
 EMISSION COLOR START N/A END _____ WATER DROPLET PLUME ATTACHED DETACHED NONE
 DESCRIBE PLUME BACKGROUND START Gray Skys END Same
 BACKGROUND COLOR START Gray END Same SKY CONDITIONS START Scattered END Same
 WIND SPEED START ~1.5MPH END Same WIND DIRECTION START NE END Same
 AMBIENT TEMPERATURE START 78.1 END 77.5 WET BULB TEMP. _____ PERCENT RH 87%

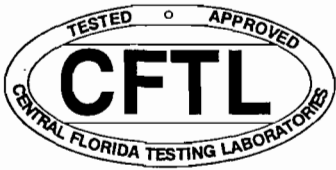


LAT: _____ LONG: _____ DECLINATION 0

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
No objectionable odors, no fugitive emissions detected. See process weight table for process weight Determinations
Water truck spraying facility grounds
Chem Jet System @ 135-137 PSI

OBSERVER'S NAME (PRINT) Anthony M SeSin
 OBSERVER'S SIGNATURE Anthony M SeSin DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA Tampa DATE 2-26-97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
 VISIBLE EMISSIONS OBSERVATION FORM

Grizzly Feeder (EP #3)

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

FORM NUMBER _____ PAGE 3 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 31649
 PHONE/KEY CONTACT _____ SOURCE PERMIT NUMBER 7770262-001-AC

CONTINUED ON VEO NUMBER _____

PROCESS EQUIPMENT Bohringer Portable Crushing Unit - Feeder OPERATING MODE 200TPH
 CONTROL EQUIPMENT Chem-Set Dust Suppression System OPERATING MODE Cont

OBSERVATION DATE 04-11-97 START TIME 9:45AM END TIME 10:45AM

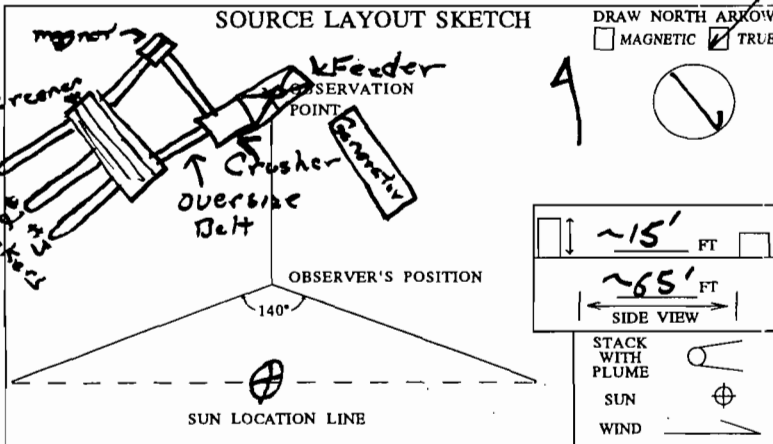
DESCRIBE EMISSION PT. Top of Feeder were produced is loaded to be processed
 DISTANCE TO EMISS. PT. START ~65' END Same DIRECTION TO EMISS. PT. (DEGREES) START ~266°W END Same
 HEIGHT OF EMISS. PT. START ~15' END Same HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~15' END Same

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

VERTICAL ANGLE TO OBS. PT. START ~60 END Same DIRECTION TO OBS. PT. (DEGREES) START ~266°W END Same
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START ~65' - 266°NW END Same

DESCRIBE EMISSIONS START None END Same
 EMISSION COLOR START N/A END _____ WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Gray Skys END Same
 BACKGROUND COLOR START Gray END Same SKY CONDITIONS START Scattered END Same
 WIND SPEED START ~1.5 mph END Same WIND DIRECTION START NE END Same
 AMBIENT TEMPERATURE START 77.5 END 77.8 WET BULB TEMP. PERCENT RH 87%

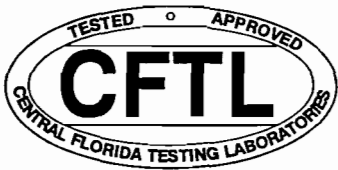


LAT: _____ LONG: _____ DECLINATION 0

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
No objectionable odors, no fugitives emissions detected. See process weight table for process weight determinations.
Water Truck spraying facility grounds.
Chem Set System @ 135-137 PSI

OBSERVER'S NAME (PRINT) Anthony M SeSim
 OBSERVER'S SIGNATURE Anthony M SeSim DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA-Tampa DATE 2-26-97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Discharge System (EP No. 4)

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

FORM NUMBER EP041 PAGE 1 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo

CONTINUED ON VEO NUMBER EP042

MAILING ADDRESS Post Office Box 1493

OBSERVATION DATE 04-11-97 START TIME 7:48:00am END TIME 8:47:45am

CITY Largo STATE FL ZIP 34649

MIN	0	15	30	45	MIN	0	15	30	45
-----	---	----	----	----	-----	---	----	----	----

PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-001-AC (EP#4)

PROCESS EQUIPMENT Boomer Portable Crushing Unit - Discharge System OPERATING MODE 200tph

CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont. (135-137psi)

DESCRIBE EMISSION PT. Portable Discharge System located @ crusher exit feeds material to discharge belt

DISTANCE TO EMISS. PT. START 93' END 93' DIRECTION TO EMISS. PT. (DEGREES) START 260°(W) END 260°(W)

HEIGHT OF EMISS. PT. START ~4' END ~4' HEIGHT TO EMISS. PT. REL. TO OBSERVER START -1' END -1'

VERTICAL ANGLE TO OBS. PT. START -1° END -1° DIRECTION TO OBS. PT. (DEGREES) START 260°(W) END 260°(W)

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

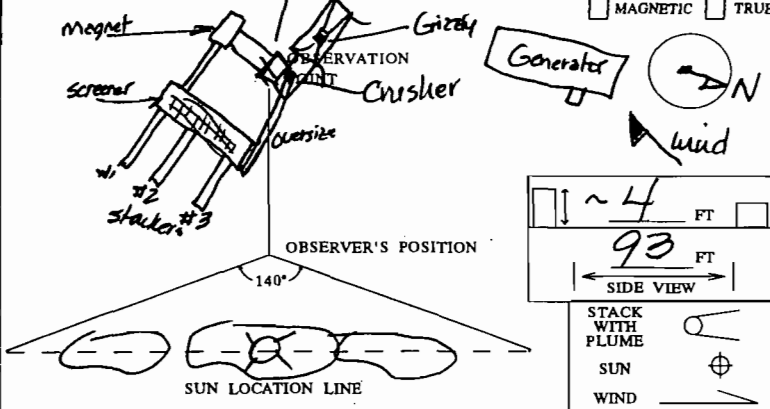
DESCRIBE EMISSIONS START None END None EMISSION COLOR WATER DROPLET PLUME START None END None ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Gray Ground END Gray Ground BACKGROUND COLOR SKY CONDITIONS START Gray END Gray START Overcast END Overcast

WIND SPEED START 3-8mph END 3-8mph WIND DIRECTION START NE(245) END NE(24°)

AMBIENT TEMPERATURE START 75.4°F END 76.2°F WET BULB TEMP. PERCENT RH START 82%

SOURCE LAYOUT SKETCH DRAW NORTH ARROW: MAGNETIC TRUE



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

LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

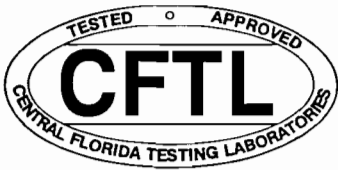
ADDITIONAL INFORMATION No objectionable odors nor fugitive emission from plant grounds. Water truck in operation. See Process Weight Determination Section for Process Weight Chem Jet System @ 135-137 psi

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

OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97

ORGANIZATION CFTL, Inc.

CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

Discharge System (EP No. 4)

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

FORM NUMBER EP042 PAGE 2 OF 3

CONTINUED ON VEO NUMBER EP043

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-001-AC (EP#4)

OBSERVATION DATE 04-11-97 START TIME 8:50 am END TIME 9:49:45 am

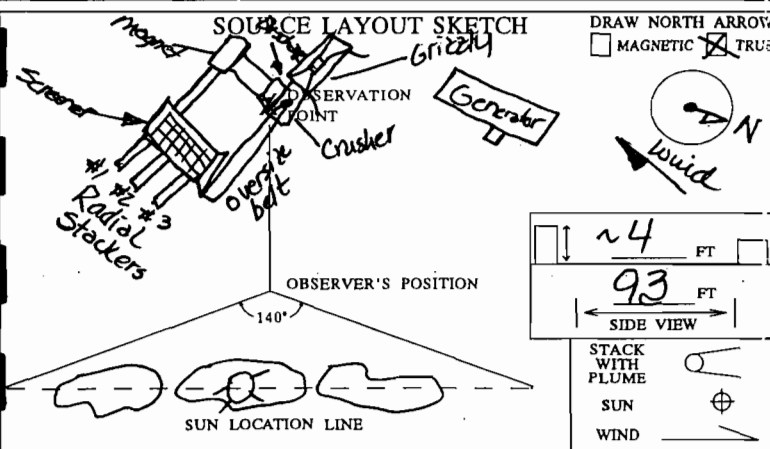
PROCESS EQUIPMENT Portable Crushing Unit - Discharge System OPERATING MODE 200 tph
 CONTROL EQUIPMENT Chem-Set Dust Suppression System OPERATING MODE Cont. (135psi)

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

DESCRIBE EMISSION PT. Portable discharge system located @ crusher exit, feeds material to discharge belt.
 DISTANCE TO EMISS. PT. START 93' END 93' DIRECTION TO EMISS. PT. (DEGREES) START 260°(W) END 260°(W)
 HEIGHT OF EMISS. PT. START ~4' END ~4' HEIGHT TO EMISS. PT. REL. TO OBSERVER START -1' END -1'
 VERTICAL ANGLE TO OBS. PT. START -1° END -1° DIRECTION TO OBS. PT. (DEGREES) START 260°(W) END 260°(W)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Same END Same

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

DESCRIBE PLUME BACKGROUND START Gray Ground END Gray Ground
 BACKGROUND COLOR START Gray END Gray SKY CONDITIONS START Overcast END Overcast
 WIND SPEED START 3-8 mph END 3-8 mph WIND DIRECTION START NE(24°) END NE(24°)
 AMBIENT TEMPERATURE START 76.3°F END 77.5°F WET BULB TEMP. PERCENT RH 84%

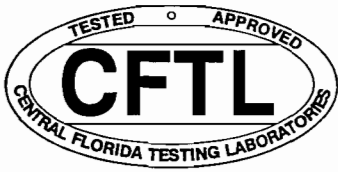


LAT: LONG: DECLINATION:

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
No objectionable odors, no fugitives from plant grounds. Water truck in operation. See Process Weight section for Process Weight Determination. Chem Set system @ 135psi

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

Discharge System (EP No. 4)

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

FORM NUMBER EP 043 PAGE 3 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-00-AC (EP#4)

CONTINUED ON VEO NUMBER - - - - -

OBSERVATION DATE 04-11-97 START TIME 9:53:00 END TIME 10:52:45

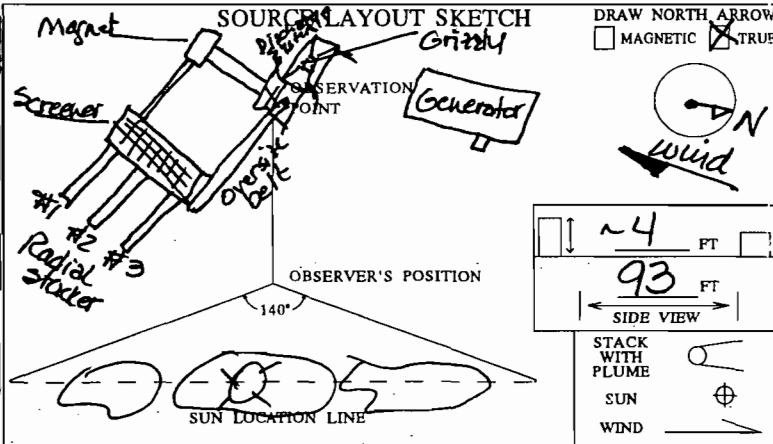
PROCESS EQUIPMENT Portable Crusher Unit - Discharge System OPERATING MODE 200 fph
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont. (135psi)

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

DESCRIBE EMISSION PT. Portable discharge system located @ crusher exit, feeds material to discharge belt.
 DISTANCE TO EMISS. PT. START 93' END 93' DIRECTION TO EMISS. PT. (DEGREES) START 260°(W) END 260°(W)
 HEIGHT OF EMISS. PT. START ~4' END ~4' HEIGHT TO EMISS. PT. REL. TO OBSERVER START -1' END -1'
 VERTICAL ANGLE TO OBS. PT. START -10 END -10 DIRECTION TO OBS. PT. (DEGREES) START 260°(W) END 260°(W)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

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

DESCRIBE PLUME BACKGROUND START Gray Ground END Gray Ground
 BACKGROUND COLOR START Gray END Gray SKY CONDITIONS START Overcast END Overcast
 WIND SPEED START 4-10mph END 4-10mph WIND DIRECTION START From NE(220) END NE(220)
 AMBIENT TEMPERATURE START 77.5°F END 77.8°F WET BULB TEMP. PERCENT RH 86%

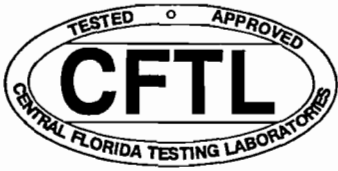


LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX-MINUTE INTERVAL 0%

ADDITIONAL INFORMATION No objectionable odors detected, no fugitive emissions from grounds. Water Truck in full operation. See Process Weight Section for plant production rates. Chem Jet System @ 135 psi

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM (EP No. 676)
36" x 80' discharge belt (D.P.)

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

FORM NUMBER EP061 PAGE 1 OF 3

COMPANY NAME Frontier Recycling, Inc.
STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
MAILING ADDRESS Post Office Box 1493
CITY Largo STATE FL ZIP 34649
PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-001-AC(EP#6)

CONTINUED ON VEO NUMBER EP062

PROCESS EQUIPMENT Cobringer Portable Crushing Unit - 36" x 80' discharge belt OPERATING MODE 200 tph
CONTROL EQUIPMENT Chem Jet Dust Suppression System OPERATING MODE Cont. (135-137 psi)

OBSERVATION DATE 04-11-97 START TIME 7:48:00am END TIME 8:47:45am

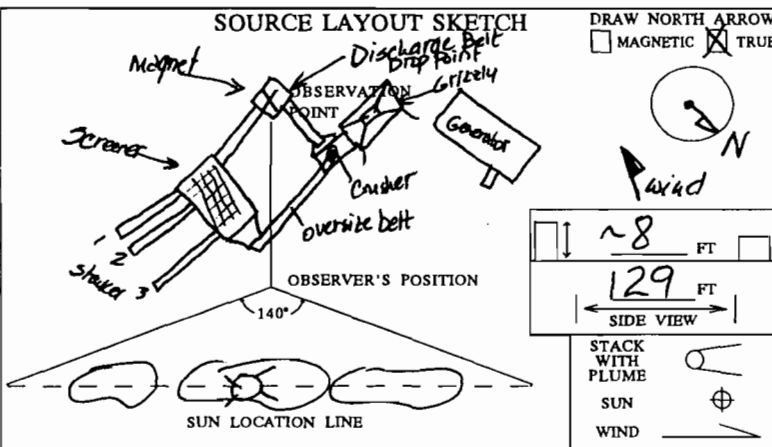
DESCRIBE EMISSION PT. Drop Point from 36" x 80' discharge belt to 24" x 80' radial belt @ magnet
DISTANCE TO EMISS. PT. START 129' END 129' DIRECTION TO EMISS. PT. (DEGREES) START SW(224°) END SW(224°)
HEIGHT OF EMISS. PT. START ~8' END ~8' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~5' END ~5'

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

VERTICAL ANGLE TO OBS. PT. START 2° END 2° DIRECTION TO OBS. PT. (DEGREES) START SW(224°) END SW(224°)
APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

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

DESCRIBE PLUME BACKGROUND START cloudy gray sky END cloudy gray sky
BACKGROUND COLOR START gray END gray SKY CONDITIONS START overcast END overcast
WIND SPEED START 3-8mph END 3-8mph WIND DIRECTION FROM START NE(24°) END NE(24°)
AMBIENT TEMPERATURE START 75.4°F END 76.2°F WET BULB TEMP. PERCENT RH 82%

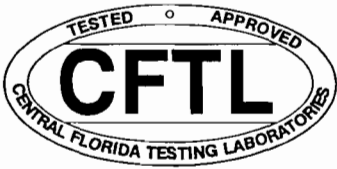


LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION No objectionable odors detected, no fugitives from plant grounds, water truck in operation. See Process Weight Section for Process Weight Determinations. Chem Jet System Operating @ 135-137 psi

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97
ORGANIZATION CFTL, Inc.
CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM (EP No. 586)

36"x80' Discharge Belt (D.P.)

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

FORM NUMBER EP062 PAGE 2 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-00-AC (EP#6)

CONTINUED ON VEO NUMBER EP063

PROCESS EQUIPMENT Colwing Portable Crushing Unit - 36"x80' discharge belt OPERATING MODE 200 tpm
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont. (135psi)

OBSERVATION DATE 04-11-97 START TIME 8:50:00am END TIME 9:49:45am

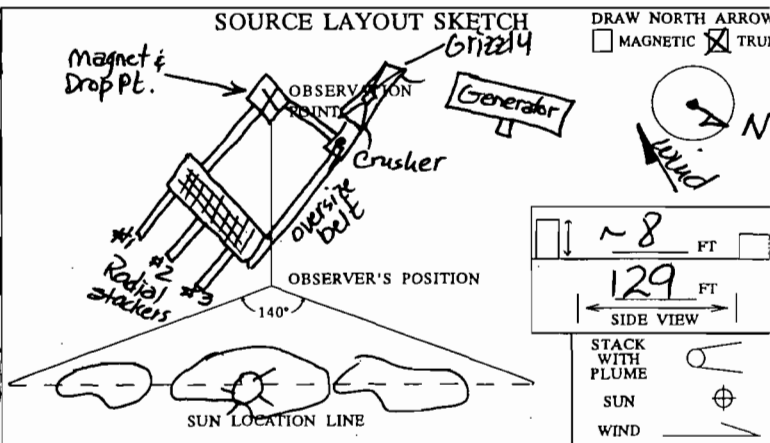
DESCRIBE EMISSION PT. Drop Point from 36"x80' discharge belt to 24"x80' radial belt @ magnet
 DISTANCE TO EMISS. PT. START 129' END 129' DIRECTION TO EMISS. PT. (DEGREES) START SW(224°) END SW(224°)
 HEIGHT OF EMISS. PT. START ~8' END ~8' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~5' END ~5'

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

VERTICAL ANGLE TO OBS. PT. START 2° END 2° DIRECTION TO OBS. PT. (DEGREES) START SW(224°) END SW(224°)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Same END same

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

DESCRIBE PLUME BACKGROUND START cloudy gray sky END cloudy gray sky
 BACKGROUND COLOR START gray END gray SKY CONDITIONS START overcast END overcast
 WIND SPEED START 3-8mph END 3-8mph WIND DIRECTION FROM START NE(24°) END NE(24°)
 AMBIENT TEMPERATURE START 76.3°F END 77.5°F WET BULB TEMP. PERCENT RH 84%

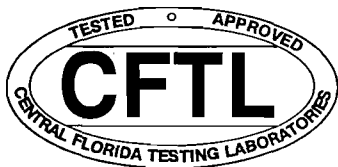


LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION:
No objectionable odors, no fugitives detected. Water truck in operation.
See process weight section for Process Weight Determinations.
Chem Jet System Operating @ 135 psi

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4-11-97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM (EP No. 546)

36" x 80' discharge belt (Drop Point)

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

FORM NUMBER EP 063 PAGE 3 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE FL ZIP 31649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-001-AC (EP#6)

CONTINUED ON VEO NUMBER ---

PROCESS EQUIPMENT Conveyor Portable Crushing Unit - 36" x 80' discharge belt OPERATING MODE 200 tpu
 CONTROL EQUIPMENT Chem-Jet Dust Suppression System OPERATING MODE Cont. (135psi)

OBSERVATION DATE 04-11-97 START TIME 9:53:00am END TIME 10:52:45am

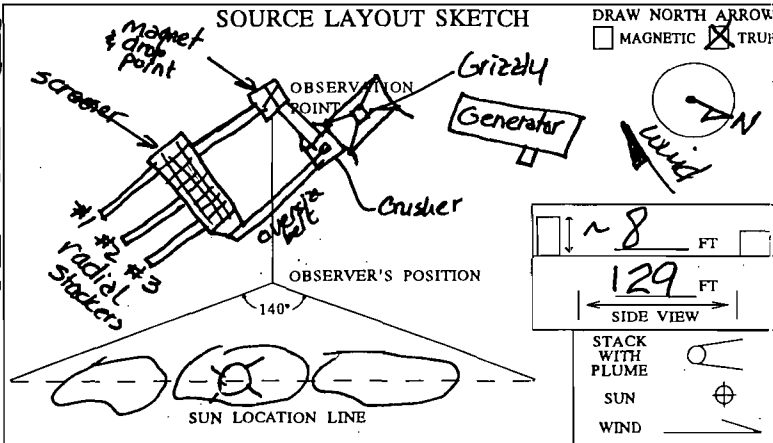
DESCRIBE EMISSION PT. Drop Point from 36" x 80' discharge belt to 24" x 80' radial belt @ magnet
 DISTANCE TO EMISS. PT. START 129' END 129' DIRECTION TO EMISS. PT. (DEGREES) START SW(224°) END SW(224°)
 HEIGHT OF EMISS. PT. START ~8' END ~8' DIRECTION TO EMISS. PT. (DEGREES) START ~5' END ~5'

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

VERTICAL ANGLE TO OBS. PT. START 2° END 2° DIRECTION TO OBS. PT. (DEGREES) START SW(224°) END SW(224°)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

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

DESCRIBE PLUME BACKGROUND START Cloudy gray sky END Cloudy gray sky
 BACKGROUND COLOR START gray END gray SKY CONDITIONS START Overcast END overcast
 WIND SPEED START 4-10 mph END 4-10 mph WIND DIRECTION START FRom NE(220) END NE(220)
 AMBIENT TEMPERATURE START 77.5°F END 77.8°F WET BULB TEMP. PERCENT RH 86%

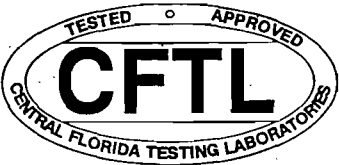


LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX-MINUTE INTERVAL 0%

ADDITIONAL INFORMATION No objectionable odors detected, no fugitives observed. Water truck in operation. See Process Weight Section for Process Weight Determination Chem Jet Dust System @ 135 psi

OBSERVER'S NAME (PRINT) Bernard A. Ball Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball Jr. DATE 4-11-97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

FORM NUMBER EP07A PAGE 1 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755 20th Avenue S.E. CITY Largo

CONTINUED ON VEO NUMBER EP07B

MAILING ADDRESS P.O. Box 1493
 CITY Largo STATE FL ZIP 34649

OBSERVATION DATE April 14, 1997 START TIME 7:45am END TIME 8:45am

PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC (EP.7)

MIN	0	15	30	45	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
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23	0	0	0	0	53	0	0	0	0
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25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

PROCESS EQUIPMENT Portable Crushing Plant - 24x60' Radial Belt #1 OPERATING MODE Crushing at 200psi
 CONTROL EQUIPMENT Water Spray System OPERATING MODE ~135 to 137 psi

DESCRIBE EMISSION PT. Conveyor Belt Drop Point

DISTANCE TO EMISS. PT. START ~100' END DIRECTION TO EMISS. PT. (DEGREES) START ~218° END

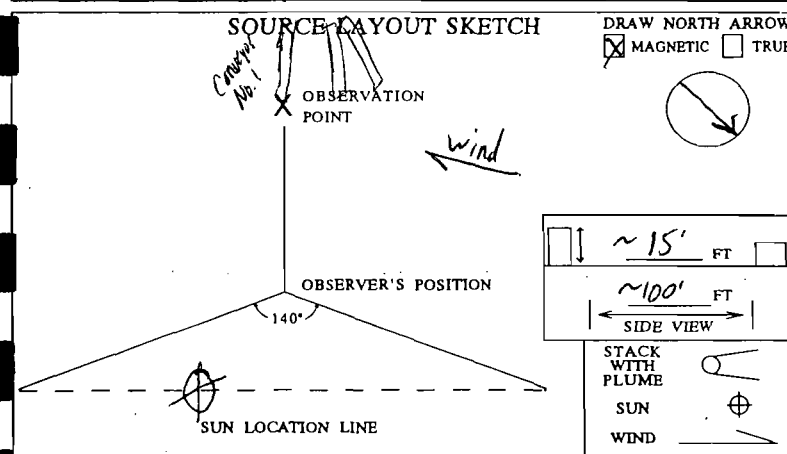
HEIGHT OF EMISS. PT. START ~15' END HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~10' END

VERTICAL ANGLE TO OBS. PT. START ~6° END DIRECTION TO OBS. PT. (DEGREES) START ~218° END

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Observed at Emission Point END

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

DESCRIBE PLUME BACKGROUND START Sky END
 BACKGROUND COLOR START Gray END SKY CONDITIONS START Overcast END
 WIND SPEED START ~3-5 mph END WIND DIRECTION START NE END
 AMBIENT TEMPERATURE START ~76°F END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION No objectionable odors detected. See process weight table in report for process weight determination.

OBSERVER'S NAME (PRINT) Russell B. Keith
 OBSERVER'S SIGNATURE Russell B. Keith DATE 4/14/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA-Tampa DATE 2/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755 20th Avenue S.E. CITY Largo
 MAILING ADDRESS P.O. Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC(EP#7)

PROCESS EQUIPMENT Portable Crushing Plant - Radial Belt No. 1 OPERATING MODE Crushing at 2000rpm
 CONTROL EQUIPMENT Water Spray OPERATING MODE ~135 psi

DESCRIBE EMISSION PT. Conveyor Belt Drop Point

DISTANCE TO EMISS. PT. START ~100' END DIRECTION TO EMISS. PT. (DEGREES) START ~218° END

HEIGHT OF EMISS. PT. START ~15' END HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~10' END

VERTICAL ANGLE TO OBS. PT. START ~6° END DIRECTION TO OBS. PT. (DEGREES) START ~218° END

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Observed at Emission Pt. END

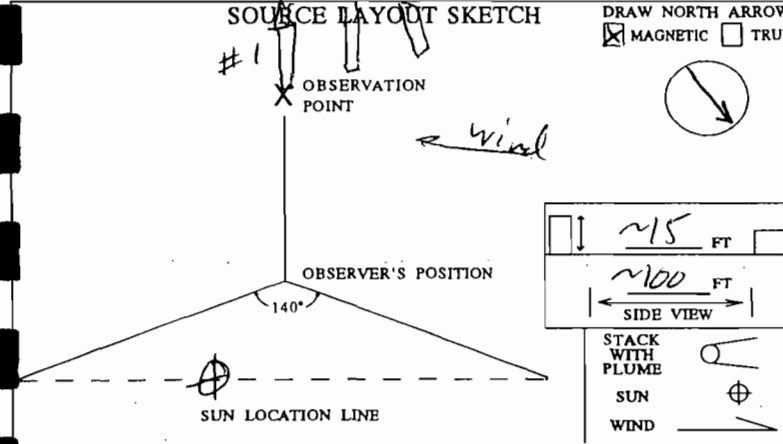
DESCRIBE EMISSIONS START None END
 EMISSION COLOR START NA END WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Sky END

BACKGROUND/COLOR START Gray END SKY CONDITIONS START Overcast END

WIND SPEED START ~2-5 mph END WIND DIRECTION START NE END

AMBIENT TEMPERATURE START ~77°F END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

ADDITIONAL INFORMATION
No objectionable odors detected. See process weight table for determination of process weight.

FORM NUMBER EP07B PAGE 2 OF 3

CONTINUED ON VEO NUMBER EP07C

OBSERVATION DATE April 11, 1997 START TIME 8:46 am END TIME 9:46 am

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
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2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
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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) Russell B. Keith
 OBSERVER'S SIGNATURE Russell B. Keith DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA - Tampa DATE 2/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755 20th Avenue S.E. CITY Largo

MAILING ADDRESS P.O. Box 1493
 CITY Largo STATE FL ZIP 34649

PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC (EP#7)

PROCESS EQUIPMENT Portable Crushing Plant - Radial Belt No. 1 OPERATING MODE Crushing at 200 tph
 CONTROL EQUIPMENT Water Spray OPERATING MODE ~135 psc

DESCRIBE EMISSION PT. Conveyor Belt Drop Point

DISTANCE TO EMISS. PT. START ~100' END DIRECTION TO EMISS. PT. (DEGREES) START ~218° END

HEIGHT OF EMISS. PT. START ~15' END HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~10' END

VERTICAL ANGLE TO OBS. PT. START ~6° END DIRECTION TO OBS. PT. (DEGREES) START ~218° END

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Observed at Emission Point END

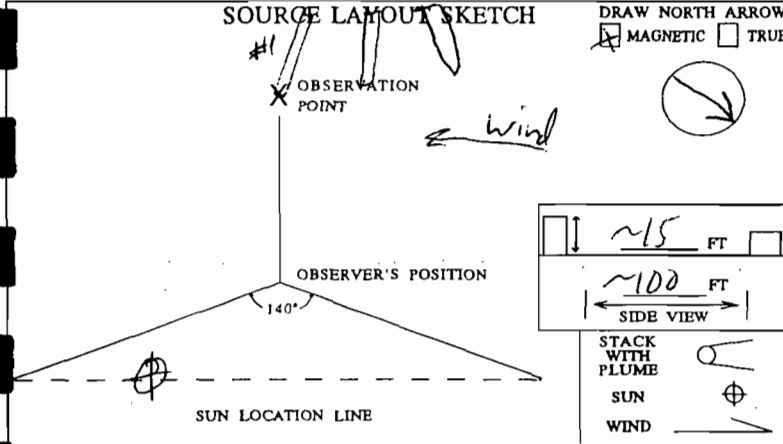
DESCRIBE EMISSIONS START None END
 EMISSION COLOR START N/A END WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Sky END

BACKGROUND COLOR START Gray END SKY CONDITIONS START Overcast END

WIND SPEED START ~3-5 mph END WIND DIRECTION START NE END

AMBIENT TEMPERATURE START ~77°F END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

ADDITIONAL INFORMATION No objectionable odors detected. See process weight table for determination of process weight.

FORM NUMBER EP07C PAGE 3 OF 3

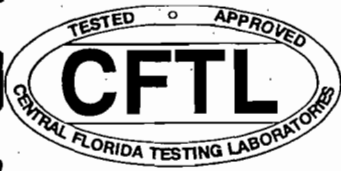
CONTINUED ON VEO NUMBER

OBSERVATION DATE April 11, 1997 START TIME 9:47am END TIME 10:47

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
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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
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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) Russell B. Keith
 OBSERVER'S SIGNATURE Russell B. Keith DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA-Tampa DATE 2/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

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

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755 20th Avenue S.E. CITY Largo

MAILING ADDRESS P.O. Box 1493
 CITY Largo STATE FL ZIP 34649

PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC(EP#8)

PROCESS EQUIPMENT Portable Crushing Plant - Radial Belt No. 2 OPERATING MODE Crushing at 200tph
 CONTROL EQUIPMENT Water Spray OPERATING MODE ~135-137 psi

DESCRIBE EMISSION PT. Conveyor Belt Drop Point

DISTANCE TO EMISS. PT. START ~95' END DIRECTION TO EMISS. PT. (DEGREES) START ~236° END

HEIGHT OF EMISS. PT. START ~15' END HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~10' END

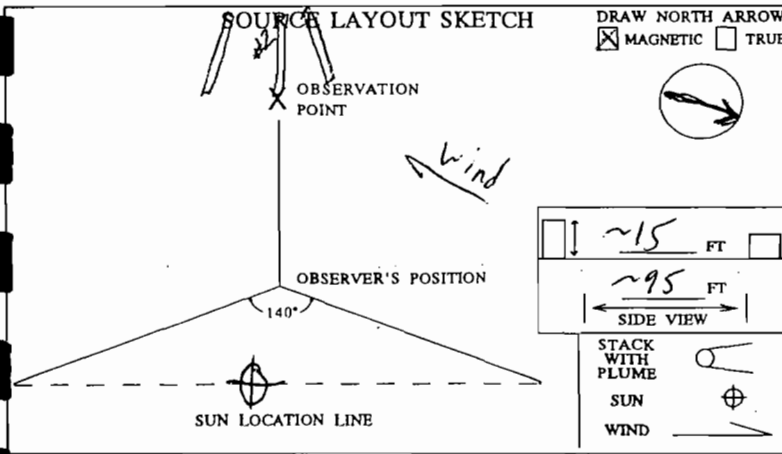
VERTICAL ANGLE TO OBS. PT. START ~6° END DIRECTION TO OBS. PT. (DEGREES) START ~236° END

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Observed at Emission Pt. END

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

DESCRIBE PLUME BACKGROUND START Sky END
 BACKGROUND COLOR START Gray END SKY CONDITIONS START NE END

WIND SPEED START ~3.5mph END WIND DIRECTION START NE END
 AMBIENT TEMPERATURE START ~76°F END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

ADDITIONAL INFORMATION No objectionable odors detected. See process weight table in Report for process weight determination.

FORM NUMBER EPO8A PAGE 1 OF 3
 CONTINUED ON VEO NUMBER EPO8B

OBSERVATION DATE April 11, 1997 START TIME 7:45am END TIME 8:45am

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

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

OBSERVER'S NAME (PRINT) Russell B. Keith
 OBSERVER'S SIGNATURE Russell B. Keith DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA-Tampa DATE 2/97

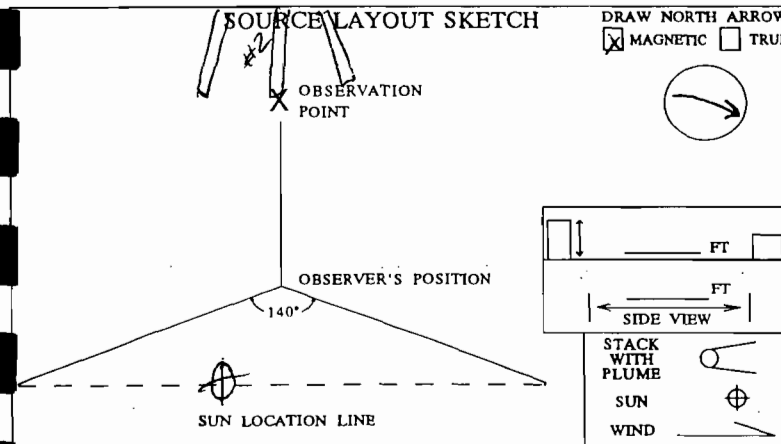


CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755 20th Avenue S.E. CITY Largo
 MAILING ADDRESS P.O. Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC(EP#8)
 PROCESS EQUIPMENT Portable Crushing Plant - Radial Belt No. 2 OPERATING MODE Crushing at 200tph
 CONTROL EQUIPMENT Water Spray OPERATING MODE 135 psi
 DESCRIBE EMISSION PT. Conveyor Belt Drop Point

DISTANCE TO EMISS. PT. START ~95' END DIRECTION TO EMISS. PT. (DEGREES) START ~26° END
 HEIGHT OF EMISS. PT. START ~15' END HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~10' END
 VERTICAL ANGLE TO OBS. PT. START ~6° END DIRECTION TO OBS. PT. (DEGREES) START ~26° END
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Observed at Emission Pt. END
 DESCRIBE EMISSIONS START None END
 EMISSION COLOR START NA END WATER DROPLET PLUME ATTACHED DETACHED NONE
 DESCRIBE PLUME BACKGROUND START Skv END
 BACKGROUND COLOR START Gray END SKY CONDITIONS START Overcast END
 WIND SPEED START ~3-5mph END WIND DIRECTION START NE END
 AMBIENT TEMPERATURE START ~77°F END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

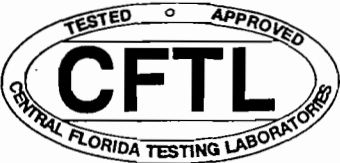
ADDITIONAL INFORMATION No objectionable odors detected. See process weight table for determination of process weight.

FORM NUMBER EP08B PAGE 2 OF 3
 CONTINUED ON VEO NUMBER EP08C

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

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

OBSERVER'S NAME (PRINT) Russell B. Keith
 OBSERVER'S SIGNATURE Russell B. Keith DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA-Tampa DATE 2/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

FORM NUMBER EP08C PAGE 3 OF 3

COMPANY NAME Frontier Recycling, Inc.

CONTINUED ON VEO NUMBER

STREET ADDRESS 1755 20th Avenue S.E. CITY Largo

OBSERVATION DATE April 11, 1997 START TIME 9:47am END TIME 10:47

MAILING ADDRESS P.O. Box 1493

MIN	0	15	30	45	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
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23	0	0	0	0	53	0	0	0	0
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25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

CITY Largo STATE FL ZIP 34649

PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC(EP#8)

PROCESS EQUIPMENT Portable Crushing Plant - Radial Bolt No. 2 OPERATING MODE Crushing at 200 tph

CONTROL EQUIPMENT Water Spray OPERATING MODE ~135 psi

DESCRIBE EMISSION PT. Conveyor Belt Drop Point

DISTANCE TO EMISS. PT. START ~95' END DIRECTION TO EMISS. PT. (DEGREES) START ~236° END

HEIGHT OF EMISS. PT. START ~15' END HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~10' END

VERTICAL ANGLE TO OBS. PT. START ~6° END DIRECTION TO OBS. PT. (DEGREES) START ~236° END

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Observed at Emission Pt. END

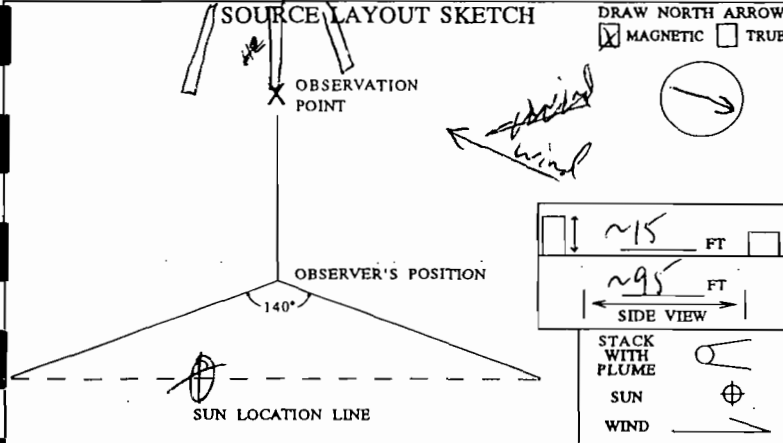
DESCRIBE EMISSIONS START None END EMISSION COLOR START NA END WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Sky END

BACKGROUND COLOR START Gray END SKY CONDITIONS START Overcast END

WIND SPEED START ~3.5 mph END WIND DIRECTION START NE END

AMBIENT TEMPERATURE START ~77°F END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

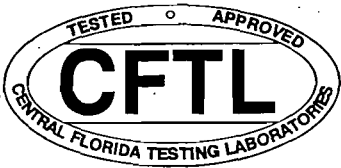
ADDITIONAL INFORMATION No objectionable odors detected. See process weight table for determination of process weight.

OBSERVER'S NAME (PRINT) Russell B. Keith

OBSERVER'S SIGNATURE Russell B. Keith DATE 4/11/97

ORGANIZATION CFTL

CERTIFIED BY ETA-Tampa DATE 2/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

FORM NUMBER EP09A PAGE 1 OF 3

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755 20th Avenue S.E. CITY Largo
 MAILING ADDRESS P.O. Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC(EP#9)

CONTINUED ON VEO NUMBER EP09B

PROCESS EQUIPMENT Portable Crushing Plant - Radial Belt #3 OPERATING MODE Crushing at 200tph
 CONTROL EQUIPMENT Water Spray OPERATING MODE ~135 to 137 tph

OBSERVATION DATE April 11, 1997 START TIME 7:45am END TIME 8:45am

DESCRIBE EMISSION PT. Radial Belt Drop Point

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
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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
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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
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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

DISTANCE TO EMISS. PT. DIRECTION TO EMISS. PT. (DEGREES)
 START ~100' END START ~250° END

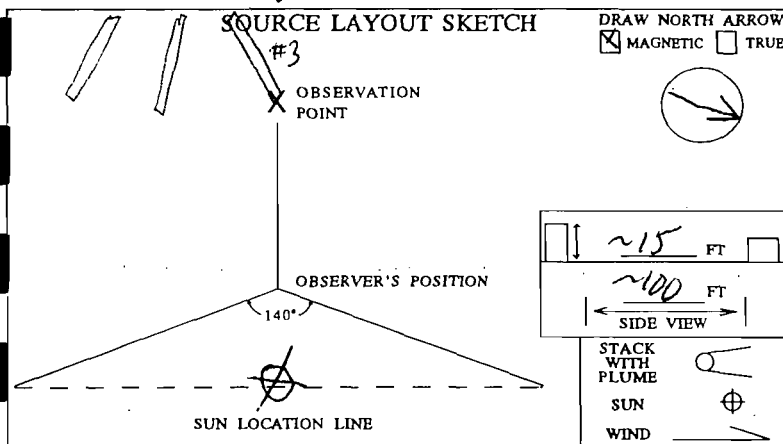
HEIGHT OF EMISS. PT. HEIGHT TO EMISS. PT. REL. TO OBSERVER
 START ~15' END START ~10' END

VERTICAL ANGLE TO OBS. PT. DIRECTION TO OBS. PT. (DEGREES)
 START ~6° END START ~250° END

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT.
 START Observed at Emission Point END

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

DESCRIBE PLUME BACKGROUND
 START Sky END
 BACKGROUND COLOR SKY CONDITIONS
 START Gray END START Overcast END
 WIND SPEED WIND DIRECTION
 START ~3.5 mph END START NE END
 AMBIENT TEMPERATURE WET BULB TEMP. PERCENT RH
 START ~76°F END



LAT: LONG: DECLINATION

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

ADDITIONAL INFORMATION
No objectionable odors detected. See process weight table in report for process weight determination.

OBSERVER'S NAME (PRINT) Russell B. Keith
 OBSERVER'S SIGNATURE Russell B. Keith DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA-Tampa DATE 2/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

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

COMPANY NAME **Frontier Recycling, Inc.**
 STREET ADDRESS **1755 20th Avenue S.E.** CITY **Largo**

MAILING ADDRESS **P.O. Box 1493**
 CITY **Largo** STATE **FL** ZIP **34649**

PHONE/KEY CONTACT **Mr. Doug Ebberts** SOURCE PERMIT NUMBER **7770262-001-AC (EP#9)**

PROCESS EQUIPMENT **Portable Crushing Plant - Radial Belt #3** OPERATING MODE **Crushing at 200tph**
 CONTROL EQUIPMENT **Water Spray** OPERATING MODE **135 psi**

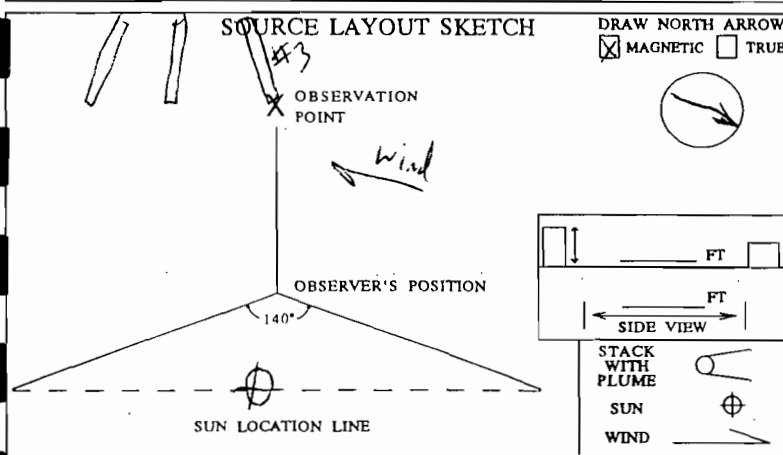
DESCRIBE EMISSION PT. **Radial Belt Drop Point**

DISTANCE TO EMISS. PT. START **~100'** END DIRECTION TO EMISS. PT. (DEGREES) START **~250°** END
 HEIGHT OF EMISS. PT. START **~15'** END HEIGHT TO EMISS. PT. REL. TO OBSERVER START **~10'** END

VERTICAL ANGLE TO OBS. PT. START **~6°** END DIRECTION TO OBS. PT. (DEGREES) START **~250°** END
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START **Observed at Emission Pt.** END

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

DESCRIBE PLUME BACKGROUND START **Skv** END
 BACKGROUND COLOR START **Gray** END SKY CONDITIONS START **Overcast** END
 WIND SPEED START **~3-5 mph** END WIND DIRECTION START **NE** END
 AMBIENT TEMPERATURE START **~77°F** END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

ADDITIONAL INFORMATION **No objectionable odors detected. See process weight table for determination of process weight.**

FORM NUMBER **EP09B** PAGE **2** OF **3**

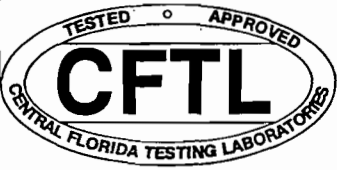
CONTINUED ON VEO NUMBER **EP09C**

OBSERVATION DATE **April 11, 1997** START TIME **8:46am** END TIME **9:46am**

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22	0	0	0	0	52	0	0	0	0
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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) **Russell B. Keith**
 OBSERVER'S SIGNATURE **Russell B. Keith** DATE **4/11/97**
 ORGANIZATION **CFTL**
 CERTIFIED BY **ETA-Tampa** DATE **2/97**



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755 20th Avenue S.E. CITY Largo
 MAILING ADDRESS P.O. Box 1493
 CITY Largo STATE FL ZIP 34649
 PHONE/KEY CONTACT Mr. Doug Ebbers SOURCE PERMIT NUMBER 7770262-001-AC (EP#9)

PROCESS EQUIPMENT Portable Crushing Plant - Radial Belt No. 3 OPERATING MODE Crushing at 200 tph
 CONTROL EQUIPMENT Water Spray OPERATING MODE ~135 psi

DESCRIBE EMISSION PT. Radial Belt Drop Point

DISTANCE TO EMISS. PT. START ~100' END DIRECTION TO EMISS. PT. (DEGREES) START ~250° END

HEIGHT OF EMISS PT. START ~15' END HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~6' END

VERTICAL ANGLE TO OBS. PT. START ~6° END DIRECTION TO OBS. PT. (DEGREES) START ~250° END

APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Observed at Emission Pt. END

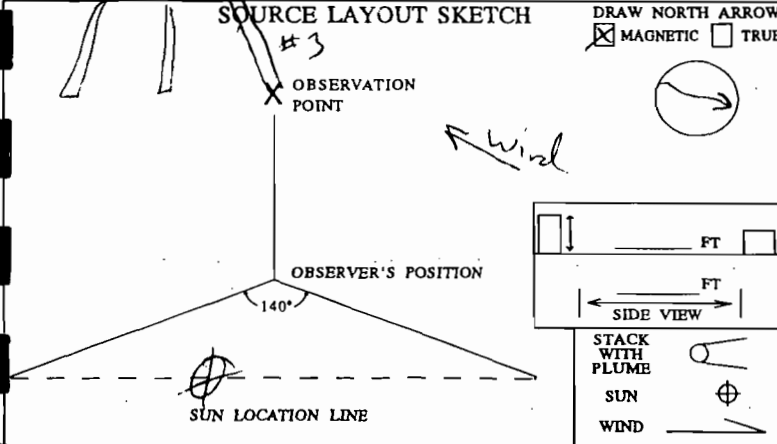
DESCRIBE EMISSIONS START None END
 EMISSION COLOR START NA END WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Sky END

BACKGROUND COLOR START Gray END SKY CONDITIONS START Overcast END

WIND SPEED START ~3.5 mph END WIND DIRECTION START NE END

AMBIENT TEMPERATURE START ~77°F END WET BULB TEMP. PERCENT RH



LAT: LONG: DECLINATION

ADDITIONAL INFORMATION No objectionable odors detected. See process weight table for determination of process weight.

FORM NUMBER EP09C PAGE 3 OF 3

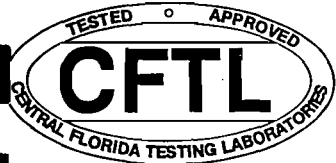
CONTINUED ON VEO NUMBER

OBSERVATION DATE April 11, 1997 START TIME 9:47am END TIME 10:47

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

AVERAGE OPACITY 0% HIGHEST SIX MINUTE INTERVAL 0%

OBSERVER'S NAME (PRINT) Russell B. Keith
 OBSERVER'S SIGNATURE Russell B. Keith DATE 4/11/97
 ORGANIZATION CFTL
 CERTIFIED BY ETA-Tampa DATE 2/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

FORM NUMBER EP TL PAGE 1 OF 1

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE Florida ZIP 34649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-001-AC(EP-TL)

CONTINUED ON VEO NUMBER

PROCESS EQUIPMENT Truck Loading Operations OPERATING MODE
 CONTROL EQUIPMENT None OPERATING MODE

OBSERVATION DATE 04-11-97 START TIME 11:30:00am END TIME 11:59:45am

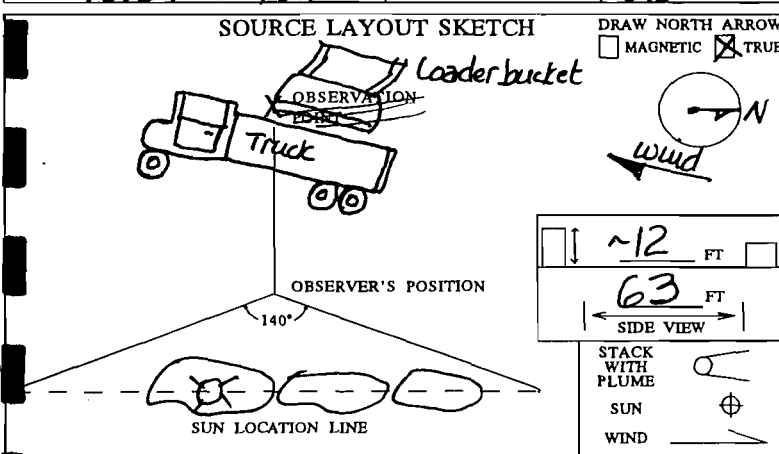
DESCRIBE EMISSION PT. Drop of crushed material from loader into dump truck
 DISTANCE TO EMISS. PT. START 63' END 63' DIRECTION TO EMISS. PT. (DEGREES) START W(268°) END W(268°)
 HEIGHT OF EMISS. PT. START ~12' END ~12' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~8' END ~8'

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31				
2	5	0	0	0	32				
3	0	5	0	0	33				
4	0	0	0	0	34				
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24	5	0	0	0	54				
25	0	5	5	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	5	5	0	0	58				
29	0	0	0	0	59				
30	0	5	0	0	60				

VERTICAL ANGLE TO OBS. PT. START 2° END 2° DIRECTION TO OBS. PT. (DEGREES) START W(268°) END W(268°)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START same END same

DESCRIBE EMISSIONS Occasional lt gray fugitive emissions @ dump
 EMISSION COLOR START lt gray END lt gray WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START clay gray sky END cloudy gray sky
 BACKGROUND COLOR START gray END gray SKY CONDITIONS START overcast END overcast
 WIND SPEED START 3-8mph END 3-8mph WIND DIRECTION START NE(22°) END NE(22°)
 AMBIENT TEMPERATURE START 78.0°F END 78.1°F WET BULB TEMP. 86% PERCENT RH



LAT: LONG: DECLINATION

AVERAGE OPACITY 0.4% HIGHEST SIX MINUTE INTERVAL 1.5%

ADDITIONAL INFORMATION
'Loader dump into truck - Loaded four trucks during test w/ crushed concrete from storage pile. No objectionable odors!!' Each truck contains ~ 27 ton of ~~crushed~~ crushed material.

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 04-11-97
 ORGANIZATION CFTL, INC.
 CERTIFIED BY ETA, Tampa DATE 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.
VISIBLE EMISSIONS OBSERVATION FORM

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

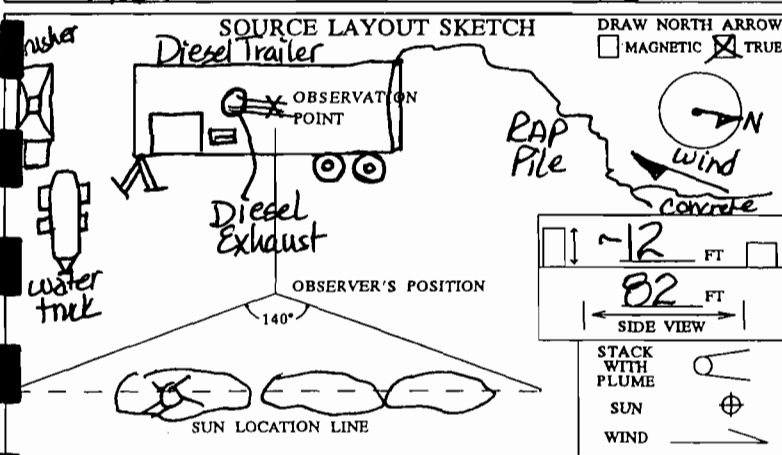
COMPANY NAME: Frontier Recycling, Inc.
 STREET ADDRESS: 1755-20th Ave., S.E. CITY: Largo
 MAILING ADDRESS: Post Office Box 1493
 CITY: Largo STATE: Florida ZIP: 34649
 PHONE/KEY CONTACT: SOURCE PERMIT NUMBER: 7770262-001-AC(EP.Gen)

PROCESS EQUIPMENT: 545 Kw Caterpillar Diesel fired Generator Set OPERATING MODE: 6.21 MINOR/STILL
 CONTROL EQUIPMENT: None OPERATING MODE: —

DESCRIBE EMISSION PT.: 12" diameter exhaust stack, exiting east side of white storage trailer
 DISTANCE TO EMISS. PT.: START 82' END 82' DIRECTION TO EMISS. PT. (DEGREES): START 260°(W) END 260°(W)
 HEIGHT OF EMISS. PT.: START ~12' END ~12' HEIGHT TO EMISS. PT. REL. TO OBSERVER: START ~9' END ~9'
 VERTICAL ANGLE TO OBS. PT.: START 30° END 30° DIRECTION TO OBS. PT. (DEGREES): START 262°(W) END 262°(W)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT.: START ~2-6' to N. of exhaust END ~2-6' N. of exhaust stack

DESCRIBE EMISSIONS: START Gray Smoke END Gray Smoke
 EMISSION COLOR: START Gray END Gray WATER DROPLET PLUME: ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND: START White Trailer END White trailer
 BACKGROUND COLOR: START White END White SKY CONDITIONS: START cldy END cldy
 WIND SPEED: START 3-8mph END 3-8mph WIND DIRECTION: START NE(22°) END NE(22°)
 AMBIENT TEMPERATURE: START 77.6°F END 78.0°F WET BULB TEMP.: PERCENT RH: 86%



LAT: LONG: DECLINATION:

ADDITIONAL INFORMATION: Diesel Gen-Set @ max. and full production for test. No objectionable odors!! Diesel generator consuming No. 2 Virgin Fuel @ 6.2 gal/hr.

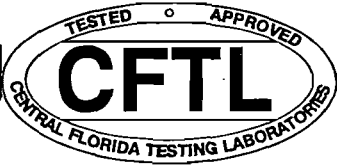
FORM NUMBER: EPGEN PAGE: 1 OF: 1
 CONTINUED ON VEO NUMBER:

OBSERVATION DATE: 04-11-97 START TIME: 10:55:00am END TIME: 11:24:45am

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26	5	5	5	5	56				
27	5	5	5	10	57				
28	5	5	5	5	58				
29	10	10	10	5	59				
30	5	5	5	5	60				

AVERAGE OPACITY: 2.8% HIGHEST SIX MINUTE INTERVAL: 6.5%

OBSERVER'S NAME (PRINT): Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE: Bernard A. Ball, Jr. DATE: 4-11-97
 ORGANIZATION: CFTL, Inc.
 CERTIFIED BY: ETA, Tampa DATE: 2/25/97



CENTRAL FLORIDA TESTING LABORATORIES, INC.

VISIBLE EMISSIONS OBSERVATION FORM

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

FORM NUMBER EPTUL PAGE 1 OF 1
 CONTINUED ON VEO NUMBER

COMPANY NAME Frontier Recycling, Inc.
 STREET ADDRESS 1755-20th Ave., S.E. CITY Largo
 MAILING ADDRESS Post Office Box 1493
 CITY Largo STATE Florida ZIP 34649
 PHONE/KEY CONTACT SOURCE PERMIT NUMBER 7770262-001-AC

OBSERVATION DATE 04-11-97 START TIME 12:15:00pm END TIME 12:44:45pm

PROCESS EQUIPMENT Truck unloading OPERATING MODE —
 OPERATIONS Operations
 CONTROL EQUIPMENT None OPERATING MODE —

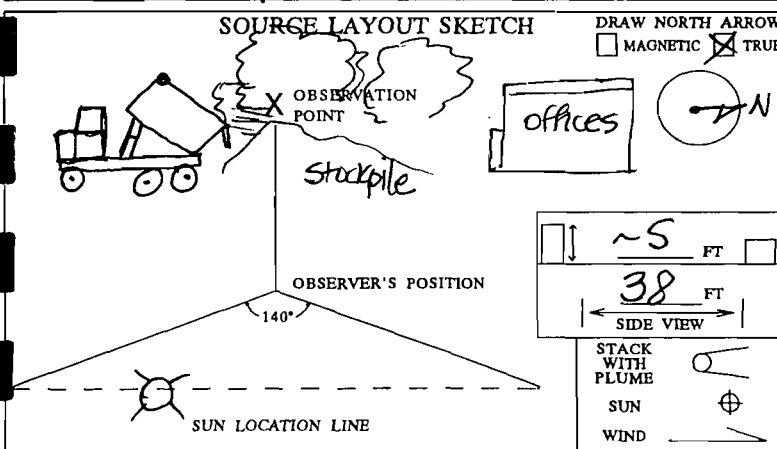
MIN	SEC				MIN	SEC			
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14	5	0	0	0	44				
15	0	0	0	0	45				
16	0	0	0	0	46				
17	'0	0	0	0	47				
18	0	0	0	'5	48				
19	5	0	0	0	49				
20	0	0	0	0	50				
21	'5	5	10	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	'10	10	5	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	'5	0	57				
28	0	0	0	0	58				
29	0	'10	5	5	59				
30	5	0	0	0	60				

DESCRIBE EMISSION PT. Rock Haulers dumping recycled concrete onto stockpiles
 DISTANCE TO EMISS. PT. START 38' END 38' DIRECTION TO EMISS. PT. (DEGREES) START W(266°) END W(266°)
 HEIGHT OF EMISS. PT. START ~5' END ~5' HEIGHT TO EMISS. PT. REL. TO OBSERVER START ~1' END ~1'

VERTICAL ANGLE TO OBS. PT. START 0° END 0° DIRECTION TO OBS. PT. (DEGREES) START W(266°) END W(266°)
 APPROX. DISTANCE AND DIRECTION FROM EMISS. PT. TO OBSERV. PT. START Same END Same

DESCRIBE EMISSIONS occasional fugitive emissions
 START when truck dump END ✓
 EMISSION COLOR START lt Gray END White WATER DROPLET PLUME ATTACHED DETACHED NONE

DESCRIBE PLUME BACKGROUND START Green Trees END Green Trees
 BACKGROUND COLOR START Green END Green SKY CONDITIONS START cldy END cldy
 WIND SPEED START 3-9mph END 3-9mph WIND DIRECTION START NE(22°) END NE(22°)
 AMBIENT TEMPERATURE START 78.2°F END 78.4°F WET BULB TEMP. 86% PERCENT RH 86%



LAT: LONG: DECLINATION

AVERAGE OPACITY 1.4% HIGHEST SIX MINUTE INTERVAL 2.3%

ADDITIONAL INFORMATION
1 = Rock Hauler type truck or dump truck dumping reclaimed material onto stockpile for processing. No objection-able odors detected!! Each truck unloaded of reclaimed material

OBSERVER'S NAME (PRINT) Bernard A. Ball, Jr.
 OBSERVER'S SIGNATURE Bernard A. Ball, Jr. DATE 4/11/97
 ORGANIZATION CFTL, Inc.
 CERTIFIED BY ETA, Tampa DATE 2/25/97

**IV. WEIGH TICKETS FOR PROCESS
WEIGHT DETERMINATION**

FRONTIER RECYCLING

Tik# 22760

A SUBSIDIARY OF SANIFILL, INC.
1755 20TH AVE SE
LARGO, FL 33771
PHONE# (813)581-1544
PREPARED BY: GS

A CASH CUSTOMER
CUSTOMER ACCT# 3610000
VEHICLE ID# 1
TIME: 13:10 DATE: 04/10/1997
MANUAL TICKET# N/A

COMMODITY: CONCRETE PO#: YARD
SOURCE ID: FL - PIN -
TONS(LBS): GROSS: 23.60(47200) TARE: 19.11(38220) NET: 4.49(8980)
CUBIC YARDS: 7.2
RATE: 0 / TON QNTY: 4.49 PRETAX CHARGE: 0

PAYMENT METHOD: PAYMENT: CASH PAYMENT TOTAL: 0
AMT TENDERED: \$0 CHANGE RETURNED: \$0

SIGNATURE: _____ COMMODITIES: \$0
EXTRA CHARGES: \$0
TAXES AND FEES: \$0

4.49+
3.14+
4.16+
4.51+

ALL CHARGES: \$0
=====

004

16.30
16.3+

Avg = ^{4.0 =}
4.075*
Tons

FRONTIER RECYCLING

Tik# 22756

A SUBSIDIARY OF SANIFILL, INC.
1755 20TH AVE SE
LARGO, FL 33771
PHONE# (813)581-1544
PREPARED BY: GS

A CASH CUSTOMER
CUSTOMER ACCT# 3610000
VEHICLE ID# 1
TIME: 12:59 DATE: 04/10/1997
MANUAL TICKET# N/A

COMMODITY: CONCRETE PO#: YARD
SOURCE ID: FL - PIN -
TONS(LBS): GROSS: 22.25(44500) TARE: 19.11(38220) NET: 3.14(6280)
CUBIC YARDS: 5.0
RATE: 0 / TON QNTY: 3.14 PRETAX CHARGE: 0

PAYMENT METHOD: PAYMENT: CASH PAYMENT TOTAL: 0
AMT TENDERED: \$0 CHANGE RETURNED: \$0

SIGNATURE: _____
COMMODITIES: \$0
EXTRA CHARGES: \$0
TAXES AND FEES: \$0

ALL CHARGES: \$0
=====

FRONTIER RECYCLING

Tik# 22755

A SUBSIDIARY OF SANIFILL, INC.
1755 20TH AVE SE
LARGO, FL 33771
PHONE# (813)581-1544
PREPARED BY: GS

A CASH CUSTOMER
CUSTOMER ACCT# 3610000
VEHICLE ID# 1
TIME: 12:59 DATE: 04/10/1997
MANUAL TICKET# N/A

COMMODITY: CONCRETE PO#: YARD
SOURCE ID: FL - PIN -
TONS(LBS): GROSS: 23.27(46540) TARE: 19.11(38220) NET: 4.16(8320)
CUBIC YARDS: 6.7
RATE: 0 / TON QNTY: 4.16 PRETAX CHARGE: 0

PAYMENT METHOD: PAYMENT: CASH PAYMENT TOTAL: 0
AMT TENDERED: \$0 CHANGE RETURNED: \$0

SIGNATURE: _____
COMMODITIES: \$0
EXTRA CHARGES: \$0
TAXES AND FEES: \$0
ALL CHARGES: \$0
=====

FRONTIER RECYCLING

Tik# 22770

A SUBSIDIARY OF SANIFILL, INC.
1755 20TH AVE SE
LARGO, FL 33771
PHONE# (813)581-1544
PREPARED BY: GS

A CASH CUSTOMER
CUSTOMER ACCT# 3610000
VEHICLE ID# 1
TIME: 13:27 DATE: 04/10/1997
MANUAL TICKET# N/A

COMMODITY: CONCRETE PO#: YARD
SOURCE ID: FL - PIN -
TONS(LBS): GROSS: 23.62(47240) TARE: 19.11(38220) NET: 4.51(9020)
CUBIC YARDS: 7.2
RATE: 0 / TON QNTY: 4.51 PRETAX CHARGE: 0

PAYMENT METHOD: PAYMENT: CASH PAYMENT TOTAL: 0
AMT TENDERED: \$0 CHANGE RETURNED: \$0

SIGNATURE: _____
COMMODITIES: \$0
EXTRA CHARGES: \$0
TAXES AND FEES: \$0

ALL CHARGES: \$0
=====

V. PROCESS WEIGHT DETERMINATION



CENTRAL FLORIDA TESTING LABORATORIES, INC.
 1400 Starkey Road - Largo, FL 34641
 (813)581-7019 (800)248-CFTL

Angelo's Recycled Materials

(formerly Frontier Recycling, Inc.)
 Portable Bohringer Crushing Unit
 Initial Visible Emissions Compliance Test
 Determination of Process Weight

Date	Run No.	Time		Loader Drops @ 4.075 ton	
		Start	Stop	Start	Stop
4/11/97	VE's	7:40 a.m.	11:30 a.m.	0.0	184.0

PROCESS WEIGHT

$$Pw = \frac{\text{Total Loader Buckets Processed (5.14 ton/bucket)}}{\text{Total Processing Time}}$$

$$VE's \quad Pw = \frac{(184.0 \text{ buckets})(4.075 \text{ ton/bucket avg.})}{3 \text{ hours } 50 \text{ minutes}} = 195.6 \text{ ton/hr}$$

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

Bob Coble

Mr. Bob Coble, General Manager

VI. CRUSHING PLANT LOG SHEETS

Date	Hours of Operation Crusher		Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator		Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Water Truck Operation		Reason Water Truck was not operating	Maintenance Performed & Operating Comments
	Start	Stop				Start	Stop			Start	Stop		
Mon 4/7	7:30	4:00	4	4.00	45	7:30	4:00	8	40	X		Rain	
Tue 4/8	7:30	4:00	2	300	45	7:30	4:00	6	30	X		Rain	Flipped Hammers 332.
Wed 4/9	8:00	4:00	5	600	45	7:30	4:00	8	40	7:00	4:30		Replaced Roller Asmb on conv. Magnet
Thu 4/10													
Fri 4/11													
4/12													
4/13													
Weekly Totals:													

Date	Hours of Operation Crusher		Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator		Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Water Truck Operation		Reason Water Truck was not operating	Maintenance Performed & Operating Comments
	Start	Stop				Start	Stop			Start	Stop		
Mon 3/24	7:30		8 1/2	1000	40	1:50		9	45	7:30			
	4:30					4:30				4:00			
Tue 3/25	7:30		7 1/2	1000	40	7:00		9	45	7:30			
	4:00					4:30				4:00			
Wed 3/26	7:30		8	1000	40	7:00		9	45	7:30			
	4:00					4:30				4:00			
Thur 3/27	8:00		7	800	40	7:30		12	60	7:30			Fixed stop on crusher
	3:30					7:00				4:00			
Fri 3/28	X												
3/29													
3/30													
Weekly Totals:			31	3800				39	195				

FRONTIER RECYCLING
PORTABLE CRUSHER
DAILY LOG SHEET

	Hours of Operation Crusher		Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator		Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Water Truck Operation		Reason Water Truck was not operating	Maintenance Performed & Operating Comments
	Start	Stop				Start	Stop			Start	Stop		
MON	3/31												
	4/1	7:30 3:30	7 1/2	950	40	7:30 3:30	7 1/2	37 1/2		7 4			SPlice Belt
Tue	4/2	12 4:30	4	500	40	11 4:30	5	25		7 4			SPlice Belt
wed	4/3	7:30 4:30	8 1/2	1000	40	7:00 4:30	9	45		7:00 4:00			
Thur	4/4	4:30	6	700	40	10 4:30	6	30		7:00 4:00			Elec.
FR	4/5	7:30 4:00	8	1000	7:00 40 4:30	7:00 4:30	9	45		7:00 4:00			
	4/6												
	Weekly Totals:		34	4150 4250			36 1/2	182 1/2					

FRONTIER RECYCLING
PORTABLE CRUSHER
DAILY LOG SHEET

Date	Hours of Operation Crusher		Total Hours of Operation Crusher	Total Material Crushed (tons)	Water Pressure to Spray Bars (PSI)	Hours of Operation Diesel Generator		Total Hours of Operation Generator	Total Gallons Fuel Used (Daily)	Water Truck Operation		Reason Water Truck was not operating	Maintenance Performed & Operating Comments
	Start	Stop				Start	Stop			Start	Stop		
	3/19	4:00	4:00										
Asph	3/20	8AM 4:30	8	1000	40	7:30 5:00	9	45		7:30 4:00			
Asph	3/21	7:30 4:30	8 1/2	1000	40	7:00 5:00	9 1/2	47 1/2		7:30 4:00			
Asph	3/22	7:30 12:00	4 1/2	5:00	40	7:00 1:00	6	30		7:30 4:00		Flipped Hammers	
Tile	3/23	7:30 12:00	4 1/2	350	40	7:00 12:00	5	25		7:30 4:00			
	Weekly Totals:		25 1/2	2850			29 1/2	147 1/2					

FRONTIER RECYCLING
PORTABLE CRUSHER
DAILY LOG SHEET

The Orlando Sentinel

Published Daily
\$ 692.00

State of Florida } s.s.
COUNTY OF ORANGE

Before the undersigned authority personally appeared Denise Little

, 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 DRAFT PERMIT #7770262-001-AC

in the ORANGE Court, was published in said newspaper in the issue; of 11/12/97

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.

Denise Little

The foregoing instrument was acknowledged before me this 12 day of November, 19 97, by Denise Little, who is personally known to me and who did take an oath.

(SEAL) JULIA NICHOLS
My Comm Exp. 8/23/2001
Banded By Service Ins
No. 683016
[[Personally Known]] Other ID

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT PERMIT NOS: 7770262-001-AC/7770262-005-AC
PORTABLE CONCRETE AND ASPHALT MATERIAL CRUSHER

The Department of Environmental Protection (Department) gives notice of its intent to issue a modified air construction permit and the initial air operation permit to Angelo's Recycled Materials for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. These units were originally permitted under the Name of Frontier Recycling, Inc. 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, P.O. Box 280226, Tampa, Florida 33682-0226.

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 are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM/PM10)	5.1	8.0
Nitrogen Oxides (NOx)	27.3	42.7
Carbon Monoxide (CO)	5.9	9.2
Sulfur Dioxide (SO2)	1.8	2.8
Volatile Organic Compounds (VOC)	2.2	3.5

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 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 Regulations, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for a 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 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 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 interest 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 complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of
Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science
and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904-444-8300

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

Broward County Department of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection
southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813-744-6100

Dept. of Environmental Protection
Central District
3319 Maquire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental

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

Air and Water quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept of Environmental Protection
Southeast Division
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561-681-6600

The complete project file 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. Interested persons may contact the Administrator, New Resources REview Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

COR1823464

NOV.12,1997

THE TAMPA TRIBUNE
Published Daily
Tampa, Hillsborough County, Florida

State of Florida }
 County of Hillsborough } ss.

Before the undersigned authority personally appeared J. Rosenthal, who on oath says that she is Classified Billing Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE CITRUS, SUMTER, HERNANDO, PASCO, PINELLAS, POLK
HILLSBOROUGH, MANATEE, HARDEE, HIGHLANDS, SARASOTA, DESOTO
 in the matter of PUBLIC NOTICE OF INTENT

was published in said newspaper in the issues of OCTOBER 29, 1997

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

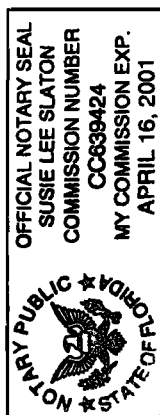
J. Rosenthal

Sworn to and subscribed before me, this 30 day
 of OCTOBER, A.D. 1997

Personally Known or Product Identification
 Type of Identification Produced

(SEAL)

Susie Lee Slaton



PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT
 STATE OF FLORIDA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DRAFT Permit Nos: 7770262-001-AC/7770262-005-AC

Portable Concrete and Asphalt Material Crusher
 The Department of Environmental Protection (Department) gives notice of its intent to issue a modified air construction permit and the Initial air operation permit to Angelo's Recycled Materials for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. These units were originally permitted under the name of Frontier Recycling, Inc. 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, P.O. Box 280226, Tampa, Florida 33682-0226.

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 are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate Matter (PM/PM10)	5.1	8.0
Nitrogen Oxides (NOx)	27.3	42.7
Carbon Monoxide (CO)	5.9	9.2
Sulfur Dioxide (SO2)	1.8	2.8
Volatile Organic Compounds (VOC)	2.2	3.5

Because of the low emissions and limited time 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 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 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 complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave.,
Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida
33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center,
Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

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

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida
33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

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

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard,
Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530
Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street,
Suite 412
Jacksonville, Florida
32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection South Florida District
2295 Victoria Avenue,
Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida
33416-5425
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The complete project file 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. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, or call 850/488-1344, for additional information
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