

COLELLA & ASSOCIATES, INC.

Engineers / Scientists / Contractors Solving Environmental Issues

May 15, 2001

Project No.: 00-110

Mr. Howard L. Rhodes
Director
Division of Air Resources Management
Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

RECEIVED

JUN 08 2001

Project No: 775112-002-AD

Transmittal
Air Operating Permit Application
Relocatable Concrete Crusher
Samsula Recycling, Inc.
New Smyrna Beach, Florida
Air Construction Permit No. 775112-001-AC

BUREAU OF AIR REGULATION


Dear Mr. Rhodes:

Colella & Associates, Inc., as directed by Samsula Recycling, Inc., submits the enclosed Air Operating Permit Application (2 copies) for the Relocatable Concrete Crusher currently operated by Samsula Recycling, Inc., under their Air Construction Permit No. 775112-001-AC. This submission is in accordance with Condition 1 of Section II of the current air construction permit.

In addition, a check made out to the Florida Department of Environmental Protection is enclosed in the amount of \$1,000 for the application processing fee.

If there are any questions regarding the information presented herein, please contact James Colella at (386) 322-9080 or Mr. Mike Stokes at Samsula Recycling, Inc. at (386) 423-6769.

Respectfully yours,
COLELLA & ASSOCIATES, INC.


James C. Colella, P.E.
Principal

PAID Check #: 10071
Date: 5-22-01

ENCLOSURES

cc: Mr. Michael Stokes, Samsula Recycling, Inc.

COLELLA & ASSOCIATES, INC.

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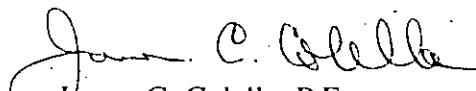
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Principal

ENCLOSURES

cc: Mr. Michael Stokes, Samsula Recycling, Inc.



Samsula Landfill Inc.
 Ph 904-423-6769
 363 State Rd. 415
 New Smyrna Beach, Fl 32168

10071

63-666/632

DATE 5-22-01

PAY TO THE ORDER OF Florida Department of Environmental Protection \$ 1000.00

One Thousand dollars & 00/100

DOLLARS



Security Features Details on Back

Regions Bank
 FLORIDA

FOR Air Operation Permit (Crusher)

⑈010071⑈ ⑆063206663⑆ 57 0100 5995⑈

© HARLAND STYLE XKI

AIR OPERATION PERMIT APPLICATION

Relocatable Concrete Crushing Operation Statewide Project Sites

Prepared For:

Samsula Recycling, Inc.
363 State Road 415
New Smyrna Beach, Florida 32168
Facility ID 7775112
Air Construction Permit No. 7775112-001-AC

May 2001

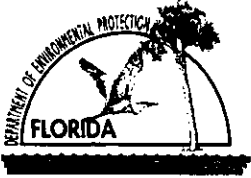
COLELLA & ASSOCIATES, INC.
805 Smokerise Boulevard, Port Orange, Florida 32127
Telephone (386) 322-9080 / Facsimile (386) 322-0068

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INTRODUCTION / SUMMARY

1. Samsula Recycling, Inc. (Samsula) received an Air Construction Permit (No. 7775112-001-AC) for a relocatable concrete crushing operation within Florida and began operating the concrete crusher in late February 2001. Samsula anticipates the crusher will primarily (more than 50 percent of the time) be operated at the Samsula Landfill in New Smyrna Beach, Volusia, Florida (see Figures 1 and 2).
2. The crushing operation includes an Eagle 1200 Crusher, a rubber tired loader, and discharge conveyors. Concrete debris is delivered to the project site by trucks and stockpiled. The debris is sized if required to fit into the crusher's hopper. The loader feeds the hopper of the Eagle 1200 Crusher with two (2) sets of screens has the potential to process debris at a rate of 120 tons per hour. The concrete debris is crushed to obtain processed aggregate within a 3/8- and 1/2-inch range. A Process Flow Diagram is provided as Figure 3.
3. The potential emissions from the crushing of the concrete debris and work area is particulate matter (PM), dust, at the points identified on Figure 4. The potential emissions from the fuel (diesel) powered loader and crusher's generator are considered minor sources.
4. Samsula operates water suppression equipment (water truck for the work area, water hoses for the stockpiles, and water spray nozzles in the concrete crusher's hopper and at the loading point from the crusher onto the discharge conveyors) when concrete debris is being crushed to minimize the potential of dust generation. Samsula's Watering and O&M Plan is presented in Appendix A.
5. Samsula has conducted the required Visible Emission Test (EPA Method 9) in late February 2001. The results, provided in Appendix B, indicate compliance with the emission standards of the subject AC permit.
6. The permit application (Tab 1.0) and enclosed materials (Figures and Appendices) are provided to document the operation, equipment being used, emissions, and methods to control the emissions. Appendix C provides the additional supporting documents required by the FDEP (Condition 15, Section 11 of Permit No. 7775112-011-AC) to receive the Air Operating Permit.
7. The Samsula equipment and operational standards meet the FDEP and EPA requirements for stationary sources and emissions monitoring.



Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE

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

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Samsula Recycling, Inc.	
2. Site Name: Statewide (facility is not fixed based)	
3. Facility Identification Number: 7775112 [] Unknown	
4. Facility Location: Mobile Facility to be located at project site Street Address or Other Locator: Volusia, Seminole, and Orange Counties City: _____ County: _____ Zip Code: _____	
5. Relocatable Facility? [X] Yes [] No	6. Existing Permitted Facility? [X] Yes [] No

Application Contact

1. Name and Title of Application Contact: Mr. Michael Stokes, Manager		
2. Application Contact Mailing Address: Organization/Firm: Samsula Recycling, Inc. Street Address: 363 S. R. 415 City: New Smyrna Beach State: FL Zip Code: 32168		
3. Application Contact Telephone Numbers: Telephone: (386) 423-6769 Fax: (386) 423-1436		

Application Processing Information (DEP Use)

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

Purpose of Application

Air Operation Permit Application

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

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

Current construction permit number: 775112-001-AC

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

Current construction permit number: _____

Operation permit number to be revised: _____

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

Current operation/construction permit number(s):

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

Operation permit number to be revised: _____

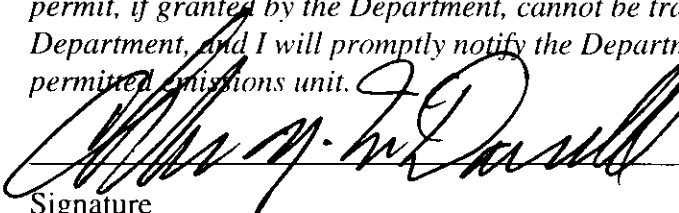
Reason for revision: _____

Air Construction Permit Application

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

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

Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative: Mr. Charles Y. McDonald, Owner
2. Owner/Authorized Representative Mailing Address: Organization/Firm: Samsula Recycling, Inc. Street Address: 363 S. R. 415 City: New Smyrna Beach State: FL Zip Code: 32168
3. Owner/Authorized Representative Telephone Numbers: Telephone: (386) 423-6769 Fax: (386) 423-1436
4. Owner/Authorized Representative Statement: <p><i>I, the undersigned, am the owner or authorized representative* of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i></p> <p> _____ Signature Date <u>5-25-01</u></p>

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: James C. Colella Registration Number: 41545
2. Professional Engineer Mailing Address: Organization/Firm: Colella & Associates, Inc. Street Address: 805 Smokerise Boulevard City: Port Orange State: FL Zip Code: 32127
3. Professional Engineer Telephone Numbers: Telephone: (386) 322-9080 Fax: (386) 322-0068

4. Professional Engineer Statement:

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

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

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

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

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

James C. Collella
Signature *PE 41545*

15 May 01
Date

(seal)

* Attach any exception to certification statement.

Construction/Modification Information

1. Description of Proposed Project or Alterations:
2. Projected or Actual Date of Commencement of Construction:
3. Projected Date of Completion of Construction:

Application Comment

--

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Volusia County Zone: 17 East (km): 255.526 North (km): 3367.127			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 28/59/24 Longitude (DD/MM/SS): 81/04/23			
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 1795	6. Facility SIC(s):
7. Facility Comment (limit to 500 characters): The crusher is relocatable but will be primarily located at the Samsula Landfill at 363 S. R. 415 in New Smyrna Beach, in Volusia County (See Figure 1). The facility location information presented above reflects this location.			

Facility Contact

1. Name and Title of Facility Contact: Mr. Michael Stokes, Manager			
2. Facility Contact Mailing Address: Organization/Firm: Samsula Recycling, Inc. Street Address: 363 S. R. 415 City: New Smyrna BEach State: FL Zip Code: 32168			
3. Facility Contact Telephone Numbers: Telephone: (386) 423-6769 Fax: (386) 423-1436			

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input type="checkbox"/> Synthetic Non-Title V Source?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
5. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS?	
6. <input type="checkbox"/> One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?	
7. Facility Regulatory Classifications Comment (limit to 200 characters): The facility is a minor source respective to particulate matter and has a capacity of 250 tons per hour but operates less than 120 tons per hour with the screens. The facility is regulated by NSPS, 40CFR60.670 (Subpart OOO).	

Rule Applicability Analysis

<ul style="list-style-type: none">• 62-204 General Provisions• 62-210 Stationary Sources - Stationary Sources• 62-212 Stationary Sources - Preconstruction Review• 62-296 Stationary Sources - Emissions Standards (62-296.711 Materials Handling, Sizing, Crushing and Grinding Operations)• 62-297 Stationary Sources - Emissions Monitoring• NSPS, 40CFR60.670 (Subpart OOO)• 40 CFR 60, Subpart A - Standards of Performance for New Stationary Sources• 40 CFR 61, Subpart M - Asbestos NESHAP• HCEPC Rule 1-3.61 - Hillsborough County EPC (Particulate RACT)• JEPB Rule 2.8201 - City of Jacksonville/Duval County (Particulate RACT)

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: FIG. 1 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested Facility is mobile and will be located at a project site. The crusher will primarily be based at the Samsula Landfill. See Figure 1.
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: FIG. 2 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested Facility is mobile and will be located at a project site. The crusher will primarily be based at the Samsula Landfill. See Figure 2.
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: FIG. 3 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: Appendix A <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
6. Supplemental Requirements Comment: N/A

Emissions Unit Information Section 1 of 1

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one)		
<input type="checkbox"/> 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).		
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.		
<input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.		
2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):		
Fugitive particulate emissions from concrete debris crushing operation. Equipment is powered by a diesel powered generator. The generator is considered a minor source.		
3. Emissions Unit Identification Number: <input type="checkbox"/> No ID ID: 001 <input type="checkbox"/> ID Unknown		
4. Emissions Unit Status Code: A	5. Initial Startup Date: February 28, 2001	6. Emissions Unit Major Group SIC Code: 1795
7. Emissions Unit Comment: (Limit to 500 Characters)		
Fugitive emissions are possible from the handling of raw materials (concrete debris) as being placed into crusher's hopper, the crushing of the raw material into the desired size(s), the handling of the processed materials on conveyors (2) and loading the processed materials onto trucks.		

Emissions Unit Information Section 1 of 1
Emissions Unit Control Equipment

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

Fugitive Particulate Emissions - Spray bars are provided at the potential emissions points on the crushers equipment; hopper and loading points of the processed material conveyors (2). Stockpiles are watered by hoses/spray heads and haul roads by water trucks.

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

Emissions Unit Details

1. Package Unit: Concrete Crusher Manufacturer: Eagle	Model Number: 1200
2. Generator Nameplate Rating: N/A	MW
3. Incinerator Information: N/A	
Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr tons/day
3. Maximum Process or Throughput Rate: 250 tons per hour	
4. Maximum Production Rate: 250 tons per hour	
5. Requested Maximum Operating Schedule:	
16 hours/day	7 days/week
52 weeks/year	5,824 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):	
For flexibility, the proposed operating schedule is required.	

Emissions Unit Information Section 1 of 1

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? Fugitive 01 to 05 (see Figure 4 for locations)		2. Emission Point Type Code: 4	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): FUGITIVE PARTICULATE EMISSIONS - Crusher's Hopper and Processed Materials Conveyors (2).			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: 001			
5. Discharge Type Code: F	6. Stack Height: N/A feet	7. Exit Diameter: N/A feet	
8. Exit Temperature: N/A °F	9. Actual Volumetric Flow Rate: N/A acfm	10. Water Vapor: N/A %	
11. Maximum Dry Standard Flow Rate: N/A dscfm		12. Nonstack Emission Point Height: 6 to 12 feet	
13. Emission Point UTM Coordinates: Zone: East (km): North (km):			
14. Emission Point Comment (limit to 200 characters): The emissions are fugitive from the crusher's hopper and conveyors while handling the debris and processed materials.			

Emissions Unit Information Section 1 of 1

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Diesel generator to power the crusher and conveyors. Emissions are considered a minor source.		
2. Source Classification Code (SCC): 2-02-001-02 and 203-001-01		3. SCC Units: Thousand Gallons Burned
4. Maximum Hourly Rate: N/A	5. Maximum Annual Rate: 16	6. Estimated Annual Activity Factor: N/A
6. Maximum % Sulfur: N/A	7. Maximum % Ash: N/A	8. Million Btu per SCC Unit: N/A
9. Segment Comment (limit to 200 characters): Based on an approximate rate of 6 gallons of diesel per hour to operate the crusher. 6 gal/hr x 8.5 hr/day x 312 days/year + 1,000 = 15.91 thousand gallons burned		

Segment Description and Rate: Segment of

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

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION**Potential Emissions**

1. Pollutant Emitted: PM		2. Pollutant Regulatory Code: WP	
3. Primary Control Device Code: 061	4. Secondary Control Device Code: N/A	5. Total Percent Efficiency of Control: N/A	
6. Potential Emissions: Crusher Hopper lb/hour 0.51 tons/year		7. Synthetically Limited? []	
8. Emission Factor: 0.0007 Reference: Table 11.19.2-2, AP-42, 5 th Edition SCC 3-05-020-01		9. Emissions Method Code: 3	
10. Calculation of Emissions (limit to 600 characters): 250 tons/hour x 0.0007 pounds/ton x 5,824 hours/year + 2,000 lbs/ton = 0.51 tons/year			
10. Pollutant Potential Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions _____ of _____ **N/A**

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

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

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: RULE	2. Basis for Allowable Opacity: [X] Rule 62.296.711 [] Other
3. Requested Allowable Opacity: Normal Conditions: 10 to 20 % Exceptional Conditions: None % Maximum Period of Excess Opacity Allowed: _____ min/hour	
4. Method of Compliance: EPA METHOD 9	
6. Visible Emissions Comment (limit to 200 characters): Opacity limit for receiving hopper, portable belt conveyors and screens -- 10% Opacity limit for crusher -- 15% Opacity limit for truck loading/unloading -- <20%	

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

Continuous Monitoring System: Continuous Monitor _____ of _____ **N/A**

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	[] Rule [] Other
4. Monitor Information: Manufacturer: _____ Model Number: _____ Serial Number: _____	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

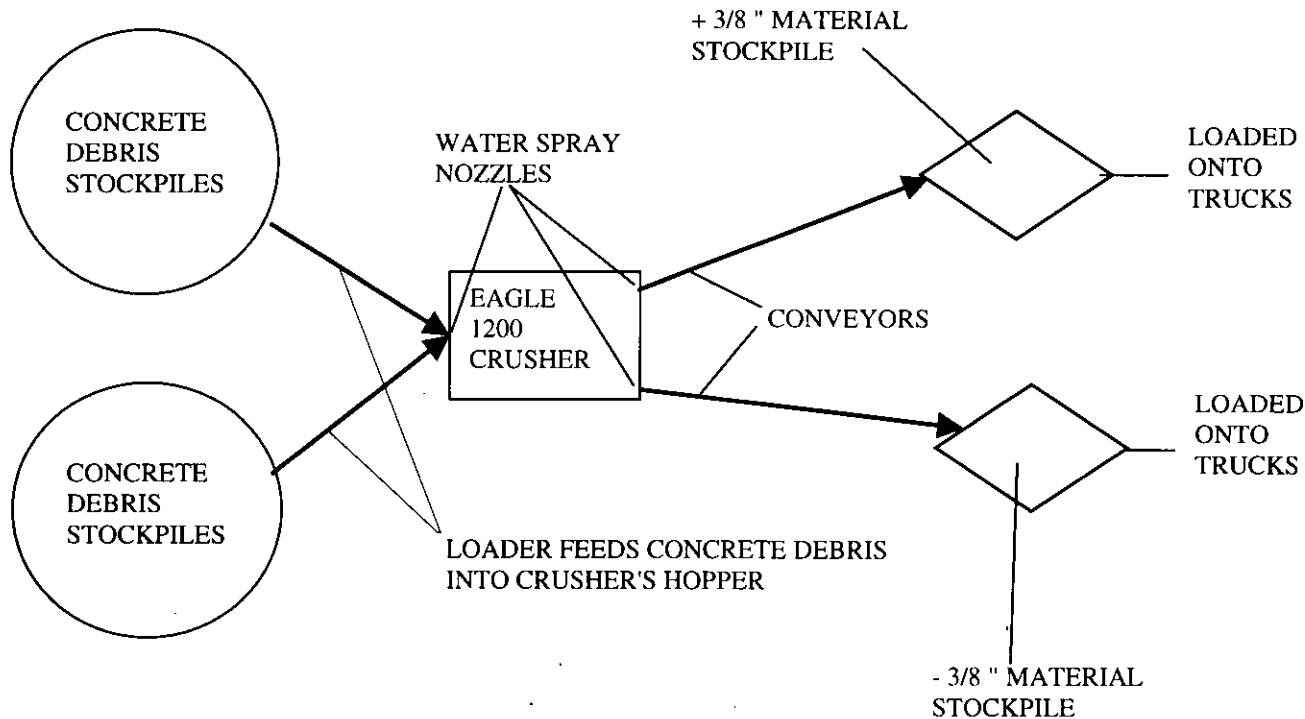
1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: FIG. 3 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: Appendix A <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
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: App. B <input checked="" type="checkbox"/> Previously submitted, Date: March 21, 2001 <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: App. A <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment: Requirements Per Section II, Condition 15 of the Air Construction Permit No.: 7775112-001-AC, see Appendix C) <ul style="list-style-type: none">• Resolution and closure of violations/penalties with the Department.• Training Program and Documented Training.• Corporate Environmental Policy

Florida, United States



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FIGURE 1
SITE LOCATION MAP
SAMSULA RECYCLING, INC.
(FACILITY ID 7775112)
SAMSULA LANDFILL
363 STATE ROAD 415
NEW SMYRNA BEACH, FLORIDA
COLELLA & ASSOCIATES, INC.



NOTE: STOCKPILES AND WORKING AREA WILL BE WATERED AS IS NECESSARY TO MINIMIZE THE GENERATION OF PARTICULATE EMISSIONS AS DUST.

FIGURE 3
PROCESS FLOW DIAGRAM
CONCRETE DEBRIS CRUSHING OPERATION
SAMSULA RECYCLING, INC.
 (FACILITY ID 7775112)
 SAMSULA LANDFILL
 363 STATE ROAD 415
 NEW SMYRNA BEACH, FLORIDA
COLELLA & ASSOCIATES, INC.

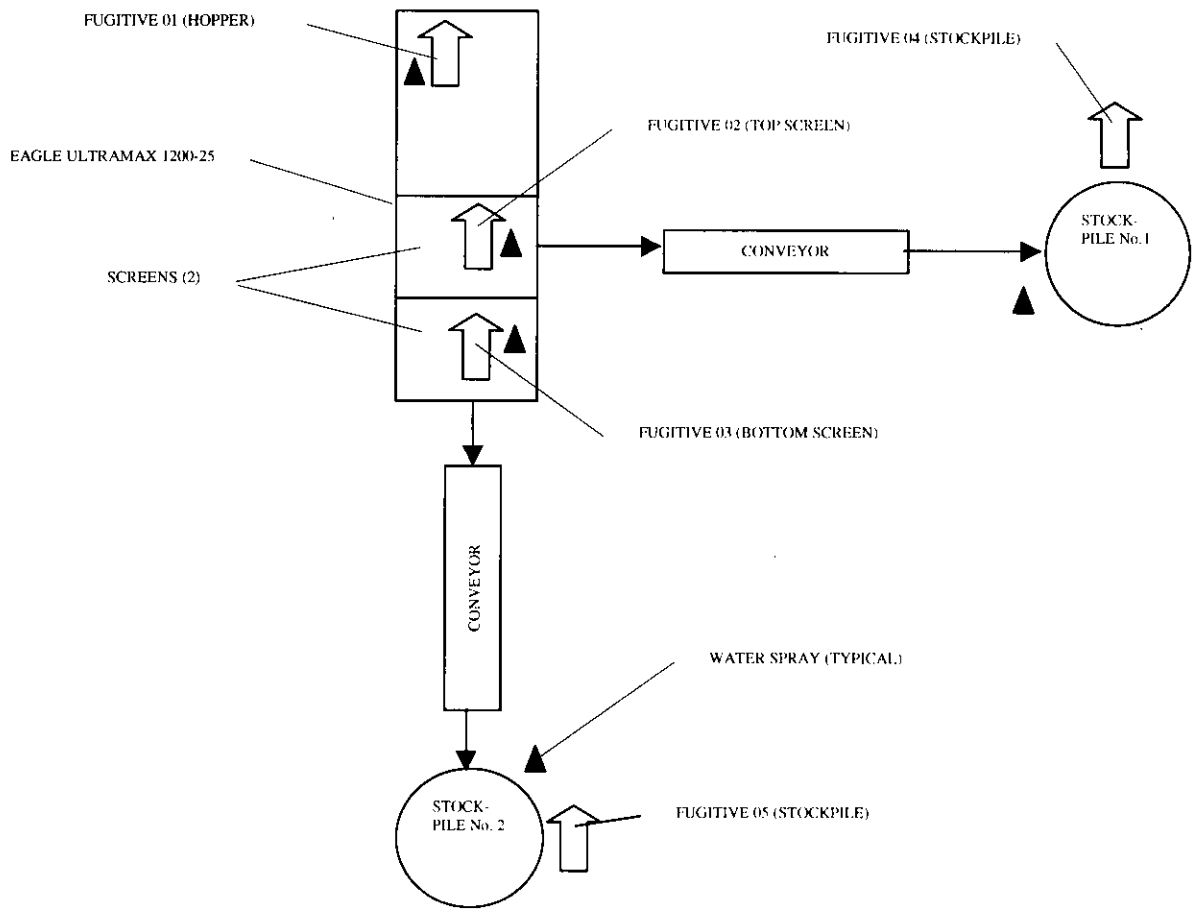


FIGURE 4
EMISSION POINTS & CONTROLS
SAMSULA RECYCLING, INC.
(FACILITY ID 7775112)
SAMSULA LANDFILL
363 STATE ROAD 415
NEW SMYRNA BEACH, FLORIDA

COLELLA & ASSOCIATES, INC.

APPENDIX A
SAMSULA RECYCLING, INC.'S
DUST SUPPRESSION AND O&M PLAN

APPENDIX A - DUST SUPPRESSION PLAN and O&M PLAN
SAMSULA RECYCLING, INC.

1. Crusher

- Crusher's spray bar and associated nozzles in the hopper will be maintained operational.
- Water supply to be provided by tanker or hard piping to water supply prior to operating crusher.
- Crusher will not operate if the spray bar/nozzles or other devices to apply water in the hopper are not functioning.
- Water pressure to be maintained at least 135 psi to develop adequate misting and coverage.
- Crusher operator will operate the crusher in a manner to minimize dust generation during crushing by controlling the flow of water to the spray bar/nozzles.

2. Work Area

- A water truck or other water application system will apply water to the ground surface to minimize dust being generated from the delivery of concrete debris, from the loading of the crusher's hopper, from the conveying of processed materials, from stockpiling the processed materials, from loading the processed materials into trucks, and from the truck traffic hauling the processed materials.
- Crusher operator will control the water application rate onto the ground surface to minimize dust generation from wind erosion and/or equipment traffic.
- The crusher will not operate if dust suppression in the work area is not controlled.

3. Processed Materials Conveyors

- Maintain the water spray equipment operational at the loading point of the processed material from the crusher onto the discharge conveyors (2).
- Water supply to be provided by tanker or hard piping to water supply prior to operating crusher and conveyors.
- Crusher will not operate if the spray bar/nozzles or other devices to apply water at the loading points of the discharge conveyors are not functioning.
- Water pressure to be maintained at least 135 psi to develop adequate misting and coverage.
- Crusher operator will control the flow of water to the spray bar/nozzles to maintain a relatively dust free working environment.

4. Stockpiled Materials

- All stockpiles will be sprayed with water to minimize dust generation by wind erosion and/or the handling of the materials during loading operations.
- Water supply to be provided by tanker or hard piping to water supply prior to operating crusher and conveyors.
- Adequate spray heads will be provided for each stockpile and the water pressure will be maintained at least 135 psi to develop adequate misting and coverage.
- Crusher operator will control the water application rate onto the stockpiles to minimize dust generation from wind erosion and/or loading operations.

5. Exception

- Stockpiles and the work area watering can be suspended during rain events and subsequent to a rain event if dust is not being generated. Upon first notice of dust generation by wind erosion and/or equipment movement, water application will begin.

APPENDIX B

EPA METHOD 9 VISIBLE EMISSIONS TESTS RESULTS

Visible Emission Observation Form

SOURCE NAME SAMSULA RECYCLING INC			OBSERVATION DATE 2/28/01				START TIME 8:07		STOP TIME 8:31	
ADDRESS 363 SR 415 415			SEC				MIN		SEC	
			MIN				0		15 30 45	
CITY NEW SMYRNA BCH			STATE FL		ZIP 32168		1		31	
PHONE			SOURCE ID NUMBER 7775112-001-AC				2		32	
PROCESS EQUIPMENT Rec. HOPPER & GRIZZLY FEEDER			OPERATING MODE 100 T/HR				3		33	
CONTROL EQUIPMENT SPRAY NOZZLE			OPERATING MODE				4		34	
DESCRIBE EMISSION POINT START HOPPER AT REAR OF RECYCLING SYSTEM							5		35	
HEIGHT ABOVE GROUND LEVEL START 12' STOP 12'			HEIGHT RELATIVE TO OBSERVER START 6' STOP 6'				6		36	
DISTANCE FROM OBSERVER START 50' STOP 50'			DIRECTION FROM OBSERVER START NW STOP NW				7		37	
DESCRIBE EMISSIONS START LOFTING STOP SAME							8		38	
EMISSION COLOR START CLEAR STOP SAME			PLUME TYPE CONTINUOUS <input type="checkbox"/>				9		39	
WATER DROPLETS PRESENT. NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			FUGITIVE <input type="checkbox"/> INTERMITTENT <input checked="" type="checkbox"/>				10		40	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START ABOVE HOPPER STOP SAME			IF WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>				11		41	
DESCRIBE BACKGROUND START BUILDING STOP SAME							12		42	
BACKGROUND COLOR START GREEN STOP SAME			SKY CONDITIONS START OC STOP OC				13		43	
WIND SPEED START CALM STOP 1-2			WIND DIRECTION START N/A STOP SW				14		44	
AMBIENT TEMP START 68°F STOP 68°F			WET BULB TEMP		RH. percent		15		45	
<p>Source Layout Sketch Draw North Arrow</p> <p>BUILDING HOPPER CRUSHER Sun ← Wind → Plume and Stack Observers Position Sun Location Line 140°</p>			16				46			
			17				47			
			18				48			
			19				49			
			20				50			
			21				51			
			22				52			
			23				53			
			24				54			
			25				55			
26				56						
27				57						
28				58						
29				59						
30				60						
AVERAGE OPACITY FOR HIGHEST PERIOD			D70				NUMBER OF READINGS ABOVE 0% WERE 0			
RANGE OF OPACITY READINGS			0% MINIMUM 0% MAXIMUM							
OBSERVER'S NAME (PRINT)			KELLY ROBERTS							
OBSERVER'S SIGNATURE			Kelly Roberts				DATE 02/28/01			
ORGANIZATION			AIR COMPLIANCE EVALUATORS							
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			CERTIFIED BY EASTERN TECHNICAL ASSOC.				DATE 2/14/01			
TITLE			VERIFIED BY				DATE			

Visible Emission Observation Form

SOURCE NAME SAMSULA RECYCLING INC.			OBSERVATION DATE 02/28/01				START TIME 8:40				STOP TIME 9:10			
ADDRESS 363 SR 415			SEC MIN				SEC MIN				SEC MIN			
			0				0				0			
			15				15				15			
			30				30				30			
			45				45				45			
CITY NEW SMYRNA BEACH			STATE FL				ZIP 32168				1			
PHONE			SOURCE ID NUMBER 7775112-001-AC				2				2			
PROCESS EQUIPMENT CRUSHER			OPERATING MODE 100 T/HR				3				3			
CONTROL EQUIPMENT SPRAY NOZZLE			OPERATING MODE				4				4			
DESCRIBE EMISSION POINT START ENCLOSED CRUSHER			NEAR CENTER OF RECYCLING UNIT STOP				5				5			
HEIGHT ABOVE GROUND LEVEL START 10' STOP 10'			HEIGHT RELATIVE TO OBSERVER START 4' STOP 4'				6				6			
DISTANCE FROM OBSERVER START 50' STOP 50'			DIRECTION FROM OBSERVER START NW STOP NW				7				7			
DESCRIBE EMISSIONS START LOFTING STOP SAME			8				8				8			
EMISSION COLOR START CLEAR STOP SAME			PLUME TYPE CONTINUOUS <input type="checkbox"/>				9				9			
WATER DROPLETS PRESENT: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			IF WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>				10				10			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START 1' FROM ENCLOSURE OF CRUSHER STOP CRUSHER			11				11				11			
DESCRIBE BACKGROUND START BUILDING STOP BUILDING			12				12				12			
BACKGROUND COLOR START GREEN STOP SAME			SKY CONDITIONS START OC STOP PC				13				13			
WIND SPEED START 1-2 MPH STOP SAME			WIND DIRECTION START SW STOP SAME				14				14			
AMBIENT TEMP. START 68°F STOP 71°F			WET BULB TEMP				15				15			
			RH. percent				16				16			
<p>Source Layout Sketch Draw North Arrow</p>			17				17				17			
			18				18				18			
			19				19				19			
			20				20				20			
			21				21				21			
			22				22				22			
			23				23				23			
			24				24				24			
			25				25				25			
			26				26				26			
27				27				27						
28				28				28						
29				29				29						
30				30				30						
			AVERAGE OPACITY FOR HIGHEST PERIOD 0%				NUMBER OF READINGS ABOVE % WERE 0							
			RANGE OF OPACITY READINGS MINIMUM 0% MAXIMUM 0%											
			OBSERVER'S NAME (PRINT) KELLY ROBERTS											
COMMENTS			OBSERVER'S SIGNATURE <i>Kelly Roberts</i>				DATE 02/28/01							
			ORGANIZATION AIR COMPLIANCE EVALUATORS											
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			CERTIFIED BY EASTERN TECHNICAL ASSOC.				DATE 02/14/01							
SIGNATURE			VERIFIED BY				DATE							
TITLE			DATE											

Visible Emission Observation Form

SOURCE NAME <i>SAMSULLA RECYCLING INC</i>			OBSERVATION DATE <i>02/28/01</i>				START TIME <i>9:12 AM</i>				STOP TIME <i>9:42 AM</i>							
ADDRESS <i>363 SR 415</i>			SEC				SEC											
			MIN	0	15	30	45	MIN	0	15	30	45						
CITY <i>NEW SMYRNA BEACH</i>			STATE <i>FL</i>		ZIP <i>32168</i>		1		31									
PHONE			SOURCE ID NUMBER <i>775112-001-AC</i>				2		32									
PROCESS EQUIPMENT <i>SCREEN(S)</i>			OPERATING MODE <i>100 T/HR</i>				3		33									
CONTROL EQUIPMENT <i>SPRAY NOZZLE</i>			OPERATING MODE				4		34									
DESCRIBE EMISSION POINT <i>START SCREENS AT FRONT OF RECYCLING UNIT</i>							5		35									
HEIGHT ABOVE GROUND LEVEL <i>START 20' STOP 20'</i>			HEIGHT RELATIVE TO OBSERVER <i>START 14' STOP 14'</i>				6		36									
DISTANCE FROM OBSERVER <i>START 40' STOP 40'</i>			DIRECTION FROM OBSERVER <i>START NNW STOP NNW</i>				7		37									
DESCRIBE EMISSIONS <i>START LOFTING STOP SAME</i>							8		38									
EMISSION COLOR <i>START CLEAR STOP SAME</i>			PLUME TYPE CONTINUOUS <input type="checkbox"/>				9		39									
			FUGITIVE & INTERMITTENT <input type="checkbox"/>				10		40									
WATER DROPLETS PRESENT <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			IF WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>				11		41									
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED <i>START 1' ABOVE SCREENS STOP SAME</i>							12		42									
DESCRIBE BACKGROUND <i>START TREES STOP SAME</i>							13		43									
BACKGROUND COLOR <i>START GREEN STOP</i>			SKY CONDITIONS <i>START PC STOP PC</i>				14		44									
WIND SPEED <i>START CALM STOP 1-2 MPH</i>			WIND DIRECTION <i>START N/A STOP W</i>				15		45									
AMBIENT TEMP <i>START 71°F STOP 75°F</i>			WET BULB TEMP		RH. percent		16		46									
<p>Source Layout Sketch</p>							17		47									
							18		48									
							19		49									
							20		50									
							21		51									
							22		52									
							23		53									
							24		54									
							25		55									
							26		56									
							27		57									
							28		58									
				29		59												
				30		60												
AVERAGE OPACITY FOR HIGHEST PERIOD			<i>0%</i>				NUMBER OF READINGS ABOVE % WERE				<i>0</i>							
RANGE OF OPACITY READINGS			<i>0% MINIMUM</i>				<i>0% MAXIMUM</i>											
OBSERVER'S NAME (PRINT)			<i>KELLY ROBERTS</i>															
OBSERVER'S SIGNATURE			<i>Kelly Roberts</i>							DATE					<i>02/28/01</i>			
ORGANIZATION			<i>AIR COMPLIANCE EVALUATORS</i>															
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			CERTIFIED BY							<i>EASTERN TECHNICAL ASSOC.</i>					DATE		<i>02/14/01</i>	
TITLE			VERIFIED BY												DATE			

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME					
SAMSULA RECYCLING INC.			02/28/01				9:45 AM		10:15 AM					
ADDRESS			SEC		MIN		SEC		MIN		SEC			
363 SR 415			0	15	30	45	0	15	30	45				
CITY			STATE		ZIP		1		2		3			
NEW SMYRNA BEACH			FL		32168		0		0		0			
PHONE			SOURCE ID NUMBER		4		5		6		7			
			7775112-001-AC		0		0		0		0			
PROCESS EQUIPMENT			OPERATING MODE		8		9		10		11			
PORTABLE BELT CONVEYOR(S)			100 T/HR		0		0		0		0			
CONTROL EQUIPMENT			OPERATING MODE		12		13		14		15			
SPRAY NOZZLE					0		0		0		0			
DESCRIBE EMISSION POINT			START		16		17		18		19			
CONVEYOR DROP POINT FROM SCREENS			STOP		0		0		0		0			
HEIGHT ABOVE GROUND LEVEL			START		20		21		22		23			
START 5' STOP 5'			START -1' STOP -1'		0		0		0		0			
DISTANCE FROM OBSERVER			START		24		25		26		27			
START 80' STOP 80'			START NW STOP NW		0		0		0		0			
DESCRIBE EMISSIONS			START		28		29		30		31			
START LIFTING			STOP SAME		0		0		0		0			
EMISSION COLOR			PLUME TYPE		32		33		34		35			
START CLEAR STOP SAME			CONTINUOUS <input type="checkbox"/>		0		0		0		0			
			FUGITIVE <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/>		0		0		0		0			
WATER DROPLETS PRESENT			IF WATER DROPLET PLUME		36		37		38		39			
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		0		0		0		0			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			START		40		41		42		43			
START 1' ABOVE DROP POINT OF CONVEYOR			STOP		0		0		0		0			
DESCRIBE BACKGROUND			START		44		45		46		47			
START HOPPER			STOP SAME		0		0		0		0			
BACKGROUND COLOR			SKY CONDITIONS		48		49		50		51			
START RUST STOP SAME			START PC STOP SCAT.		0		0		0		0			
WIND SPEED			WIND DIRECTION		52		53		54		55			
START 1-2 MPH STOP SAME			START WSW STOP SAME		0		0		0		0			
AMBIENT TEMP			WET BULB TEMP		56		57		58		59			
START 75°F STOP 77°F			RH. percent		0		0		0		0			
<p>Source Layout Sketch</p> <p>Draw North Arrow</p> <p>SUN</p> <p>Wind</p> <p>Plume and Stack</p> <p>Observers Position</p> <p>Sun Location Line</p>			60		61		62		63		64			
			AVERAGE OPACITY FOR HIGHEST PERIOD		NUMBER OF READINGS ABOVE % WERE		0%		0		0		0	
			RANGE OF OPACITY READINGS		MINIMUM		MAXIMUM		0%		0%		0%	
			OBSERVER'S NAME (PRINT)			OBSERVER'S SIGNATURE			DATE					
			KELLY ROBERTS			KELLY ROBERTS			02/28/01					
			COMMENTS			ORGANIZATION			CERTIFIED BY			DATE		
						AIR COMPLIANCE EVALUATORS			EASTERN TECHNICAL ASSOC			02/24/01		
			I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			VERIFIED BY			DATE					
			TITLE			DATE			DATE					

Visible Emission Observation Form

SOURCE NAME <i>SAMSULA RECYCLING INC.</i>			OBSERVATION DATE <i>02/28/01</i>				START TIME <i>10:18</i>		STOP TIME <i>10:48</i>						
ADDRESS <i>363 SR 415</i>			SEC MIN	0	15	30	45	SEC MIN	0	15	30	45			
CITY <i>NEW SMYRNA BEACH</i>			STATE <i>FL</i>		ZIP <i>32168</i>		1	0	0	0	0	31			
PHONE			SOURCE ID NUMBER <i>7775112-001-AC</i>		2	0	0	0	0	0	0	32			
PROCESS EQUIPMENT <i>TRUCK LOADING/UNLOADING</i>			OPERATING MODE <i>100 T/HR</i>		3	0	0	0	0	0	0	33			
CONTROL EQUIPMENT <i>SPRAY NOZZLE</i>			OPERATING MODE		4	0	0	0	0	0	0	34			
DESCRIBE EMISSION POINT <i>START DROP POINT FOR CONVEYOR AT END OF RECYCLE STOP SYSTEM</i>			OPERATING MODE		5	0	0	0	0	0	0	35			
HEIGHT ABOVE GROUND LEVEL <i>START 27' STOP 27'</i>			HEIGHT RELATIVE TO OBSERVER <i>START 21' STOP 21'</i>		6	0	0	0	0	0	0	36			
DISTANCE FROM OBSERVER <i>START 46' STOP 45'</i>			DIRECTION FROM OBSERVER <i>START NNW STOP SAME</i>		7	0	0	0	0	0	0	37			
DESCRIBE EMISSIONS <i>START LOFTING STOP SAME</i>					8	0	0	0	0	0	0	38			
EMISSION COLOR <i>START CLEAR STOP SAME</i>			PLUME TYPE CONTINUOUS <input type="checkbox"/>		9	0	0	0	0	0	0	39			
WATER DROPLETS PRESENT <i>NO</i> YES <input type="checkbox"/>			FUGITIVE <input checked="" type="checkbox"/> INTERMITTENT <input type="checkbox"/>		10	0	0	0	0	0	0	40			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED <i>START 1' FROM END OF CONVEYOR STOP SAME</i>			IF WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		11	0	0	0	0	0	0	41			
DESCRIBE BACKGROUND <i>START SKY STOP SAME</i>					12	0	0	0	0	0	0	42			
BACKGROUND COLOR <i>START BLUE STOP SAME</i>			SKY CONDITIONS <i>START SCAT. STOP SAME</i>		13	0	0	0	0	0	0	43			
WIND SPEED <i>START 2-4mph STOP SAME</i>			WIND DIRECTION <i>START W STOP SAME</i>		14	0	0	0	0	0	0	44			
AMBIENT TEMP. <i>START 77°F STOP 79°F</i>			WET BULB TEMP		15	0	0	0	0	0	0	45			
			RH. percent		16	0	0	0	0	0	0	46			
<p>Source Layout Sketch Draw North Arrow</p>					17	0	0	0	0	0	0	47			
					18	0	0	0	0	0	0	0	0	48	
					19	0	0	0	0	0	0	0	0	49	
					20	0	0	0	0	0	0	0	0	50	
					21	0	0	0	0	0	0	0	0	51	
					22	0	0	0	0	0	0	0	0	52	
					23	0	0	0	0	0	0	0	0	0	53
					24	0	0	0	0	0	0	0	0	0	54
					25	0	0	0	0	0	0	0	0	0	55
					26	0	0	0	0	0	0	0	0	0	56
		27	0	0	0	0	0	0	0	0	0	57			
		28	0	0	0	0	0	0	0	0	0	58			
		29	0	0	0	0	0	0	0	0	0	59			
		30	0	0	0	0	0	0	0	0	0	60			
AVERAGE OPACITY FOR HIGHEST PERIOD <i>0%</i>			NUMBER OF READINGS ABOVE <i>0</i> % WERE <i>0</i>		RANGE OF OPACITY READINGS			MINIMUM <i>0%</i> MAXIMUM <i>0%</i>							
OBSERVER'S NAME (PRINT) <i>KELLY ROBERTS</i>			OBSERVER'S SIGNATURE <i>Kelly Roberts</i>		DATE <i>02/28/01</i>										
COMMENTS			ORGANIZATION <i>A/E COMPLIANCE EVALUATORS</i>		CERTIFIED BY <i>EASTERN TECHNICAL ASSOC.</i>		DATE <i>02/14/01</i>								
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			SIGNATURE		TITLE		DATE								



State of Florida

**Department of
Environmental Protection**

This is to Certify That **KELLY ROBERTS**

has completed the STATE OF FLORIDA visible emissions evaluation training and is a qualified observer of visible emissions as specified by EPA reference method 8.

This Certificate Expires **Aug 16, 2001**


Certificate Officer


Beginner's Signature

Your certificate is valid for six (6) months. To keep your certification current, you must recertify on or before the expiration date on the card. Please mark your calendar accordingly.

Provided field certification is continuous the classroom certificate expires:
Feb 15, 2002

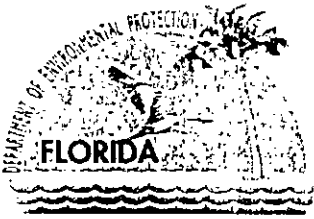
If field certification is not continuous classroom certification must be obtained prior to your next field certification attempt.

If you have any questions about your certification, please contact M.D. Harley at 850/921-8508.

APPENDIX C

**RESOLUTION OF REQUIREMENTS OF SECTION II, CONDITION 15
AIR CONSTRUCTION PERMIT (NO. 7775112-001-AC)**

- **Resolution and Closure of violations/penalties with the Department**
- **Training Program and Documented Training**
- **Corporate Environmental Policy**



Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

David B. Struhs
Secretary

March 7, 2001

Remittance: 420885
DDN/PNR:

Samsula Recycling Inc
363 Sr 415
New Smyrna Beach FL 32168

RE: Receipt Number 345196

Dear Sir/Madam:

Your remittance, check number 316620953 for \$5,450.00, was received by the Department of Environmental Protection on February 26, 2001.

Sincerely,

Kris Tulloch
Department of Environmental Protection

Transmittal: 17698
Deposit:

CRAR009/

"More Protection, Less Process"

Printed on recycled paper.

TRAINING PROGRAM
STATE-WIDE CRUSHING OPERATION
SAMSULA RECYCLING, INC.

1. Every employee associated with the operation of the crusher will be provided training, initial and refresher.
2. Existing employees with the crushing operation will be trained within 14-days upon receipt of the air permit, construction and operation.
3. New employees associated with the crushing operation will be trained within 7-days upon being hired.
4. The training, initial and refresher, will address:
 - Permit conditions.
 - Area of operation.
 - Material handling/stockpiling.
 - Environmental concerns.
 - Equipment operation.
 - Fuel handling.
 - Dust control.
 - Noise concerns.
 - Vibration concerns.
5. At each new operating location, site and operating conditions will be addressed with the equipment operators by a responsible individual of Samsula Recycling, Inc.
6. Refresher training will be provided approximately every 12-months from the initial training of the employee or at least once a year for all employees associated with the crusher operation.
7. Training will be provided by an individual knowledgeable of the permit, equipment, subject operation, and associated environmental regulations.

CONCRETE CRUSHER TRAINING
SAMSULA RECYCLING, INC.

1. Construction Permit Conditions

- 5-year term. Operational permit is being obtained and then will be renewed on a defined schedule.
- Training of crusher employees will be provided upon receipt of permit, employment, and annually thereafter.
- Crusher is relocatable and all permit conditions same at each location.
- Permit must be with the crusher at all times.
- Can not allow unconfined emissions (dust).
- Dust suppressant, water, must be applied to stockpiles, crushing operations and traffic area.
- Crusher operators must shutdown the equipment immediately when a continuous dust cloud is visible.
- Crusher can operate 16-hours per day, 364-days per year (5,824 hours per year).
- Crusher can not exceed 250-tons per hour. Based on the use of screens, the crusher's production reduces to 100-tons per hour.
- Crusher operation is certified by Visual Emission (VE) testing annually. Five (5) emission points (hopper loading, crusher, conveyors, screens, and loading) have been identified in the permit for VE testing.
- No. 2 Fuel Oil, or better, can be used in the crusher's generator.
- Operational Log must be maintained and include:
 - production rate (number of bucket loads x pounds per bucket, or other means).
 - Hours of operation.
 - Maintenance and repair performed.
 - Type of dust suppressant and amount applied to stockpiles, roadway, crusher operation, and traffic area.
 - Fuel consumption of the crusher's generator.
 - Water truck operations and reason if truck is not used.
- Records must be held for three (3) years.
- If excess emissions occur, the FDEP must be notified. Based on the control of the equipment, the need to notify the FDEP should be minimal. If dust is observed anywhere, additional watering will be performed and/or the crushing operation will be stopped until the dust emission problem can be resolved.
- Only concrete construction debris, road/bridge, asphalt and reject concrete block can be crushed.
- Materials unacceptable include concrete pipe, painted concrete blocks, siding from buildings, and/or asbestos containing materials.

2. Operate crusher equipment as per manufacturer's recommendations to minimize noise and vibration generation.

3. Watering of stockpiles and work areas should be stopped if a flow of water begins from the area is noted. Watering will be started when the area shows signs of drying.

TRAINING DOCUMENTATION
STATE-WIDE CRUSHING OPERATION
SAMSULA RECYCLING, INC.

1. The following items were addresses.
- Permit conditions (yes) ___ (no).
 - Area of operation (yes) ___ (no).
 - Material handling/stockpiling (yes) ___ (no).
 - Environmental concerns (yes) ___ (no).
 - Equipment operation (yes) ___ (no).
 - Fuel handling (yes) ___ (no).
 - Dust control (yes) ___ (no).
 - Noise concerns (yes) ___ (no).
 - Vibration concerns (yes) ___ (no).
2. Place of training: Samsula Recycling, Inc.
5. Training provided by: Jim Colella
4. Date of training: 1 MAR 01
5. Individual(s) trained:

Name (Printed)	Signature	Initial	Refresher
1. Chris Ledbetter	<i>Chris Ledbetter</i>	✓	
2. Chuck Bristlin	<i>Chuck Bristlin</i>	✓	
3. Scott Haskins	<i>Scott Haskins</i>	✓	
4. Andrew MATHERS	<i>Andrew MATHERS</i>	✓	
5. JAMES J. Hill	<i>James J. Hill</i>	✓	
6. Mike Stokes	<i>Michael Stokes</i>	✓	
7. DAVID STONE	<i>David Stone</i>	✓	
8. Charles McDonald	<i>Charles McDonald</i>	✓	
9.			
10.			

CORPORATE ENVIRONMENTAL POLICY

STATE-WIDE CRUSHING OPERATION

SAMSULA RECYCLING, INC.

1. Objective

Samsula Recycling, Inc., will conduct business, operate associated equipment and handle the associated materials:

- To maintain compliance with the applicable air permits (construction and operational) issued by the Florida Department of Environmental Protection (FDEP),
- To minimize the potential of violating other environmental regulations, and
- To minimize the potential of nuisance concerns (noise, vibration, dust) to neighboring residents, businesses, and/or individuals.

2. Policies

To achieve the stated objective, Samsula Recycling, Inc., will:

- Obtain and maintain applicable FDEP air permits.
- Process only materials designated in the permit(s).
- Maintain the area of the crushing operation to comply with applicable and/or associated regulations.
- Operate and maintain the equipment to achieve compliance with the permit conditions and in a manner to minimize the potential of environmental concerns/impacts.
- Operate only on properties that do not have other permitted air pollution facility or obtain appropriate modifications to the associated air permits.
- Conduct required monitoring to demonstrate compliance.
- Develop and maintain training programs, initial and refresher.
- Train all related personnel with the crusher operation, permit conditions, environmental concerns, and nuisance concerns.
- Maintain an operational log of all materials delivered to the facility, materials accepted/rejected, materials processed, dust suppressant quantity used, equipment maintenance performed, and processed materials removed.
- Minimize the potential of nuisance concerns (noise, vibration, dust) to neighboring residents, businesses, and/or individuals.
- Notify the FDEP of modifications to the crusher operation prior to making the modifications.
- Use new No. 2 oil or better fuel to operate the diesel engine.


Charles Y. McDonald, President

5-25-01
Date