DARABI AND ASSOCIATES, INC.
Environmental Consultants

FAX TRANSMITTAL SHEET

DATE	3/6/2000
PROJECT NUMBER	93102-000-00-0000
NUMBER OF PAGES (including cover sheet)	42
TO	William Leffler/DEP Tallahassee
FAX NUMBER	850/922-6979
FROM	Frank Darabi

COMMENTS: Revised Mulliniks Construction 7775036-003-AO.

If you do not receive all pages, please contact Linda Feller at (352) 376-6533, ext. _____.

Original to Follow by Mail: X
Fax Copy Only: ____

3430 N.E. Waldo Road, Bldg. A, Gainesville, FL 32641-5699 • Telephone: (352) 376-6533 • FAX: (352) 377-3166

Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative:
   Billy Mulliniks, Jr., President
2. Owner/Authorized Representative Mailing Address:
   Organization/Firm: Mulliniks Construction Company, Inc.
   Street Address: 5937 Soutel Drive
   City: Jacksonville State: Florida Zip Code: 32219
3. Owner/Authorized Representative Telephone Numbers:
   Telephone: (904) 764-3644 Fax: (904) 764 - 3976
4. Owner/Authorized Representative Statement:

   I, the undersigned, am the owner or authorized representative of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.*

   Signature 3/01/2000 Date

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name:
   Registration Number: 20385
2. Professional Engineer Mailing Address:
   Organization/Firm: Darabi and Associates, Inc.
   Street Address: 730 N. E. Waldo Road, Bldg. A
   City: Gainesville State: Florida Zip Code: 32641
3. Professional Engineer Telephone Numbers:
   Telephone: (352) 376 - 6533 Fax: (352) 377 - 3166

4. Professional Engineer Statement:

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

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

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

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

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

Ian G. Edwards — 2/29/2000

Signature — Date

(seal)

* Attach any exception to certification statement.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

Assembly of a mobile concrete, asphalt crushing unit, including primary and secondary crusher, conveyor belts, and a diesel powered generator unit to be operated in the following counties: All counties not currently permitted -- Brevard, Broward, Dade, Glades, Indian River, Lake, Lee, Martin, Monroe, Okeechobee, Palm Beach, St. Lucie, Seminole.

2. Projected or Actual Date of Commencement of Construction: **ASAP**

3. Projected Date of Completion of Construction: **ASAP**

Application Comment

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: East (km): **17-532-5** North (km): **3120.6**			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): **28 12' 46N** Longitude (DD/MM/SS): **80 40 08**			
3. Governmental Facility Code: **0**	4. Facility Status Code: **A**	5. Facility Major Group SIC Code:	6. Facility SIC(s):
7. Facility Comment (limit to 500 characters):			

Facility Contact

1. Name and Title of Facility Contact: **Billy Mulliniks, Jr.**
2. Facility Contact Mailing Address: Organization/Firm: **Mulliniks Construction Co., Inc.** Street Address: **5937 Soutel Drive** City: **Jacksonville** State: **Florida** Zip Code: **32219**
3. Facility Contact Telephone Numbers: Telephone: **(904) 764 - 3644** Fax: **(904) 764 - 3976**

Facility Regulatory Classifications

Check all that apply:

1. [ ] Small Business Stationary Source?	[ ] Unknown
2. [ ] Synthetic Non-Title V Source?	
3. [ ] Synthetic Minor Source of Pollutants Other than HAPs?	
4. [ ] Synthetic Minor Source of HAPs?	
5. [X] One or More Emissions Units Subject to NSPS?	
6. [ ] One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?	
7. Facility Regulatory Classifications Comment (limit to 200 characters):	
Certain pieces of the equipment described in this application are affected facilities per 40 CFR 60, Subpart OOO.	

Rule Applicability Analysis

The facility is subject to certain provisions of these rules:

Rule 62-4, FAC
Rule 62-204, FAC
Rule 62-210, FAC
Rule 62-296, FAC
Rule 62-297, FAC
40 CFR 60, Subpart A
40 CFR 60, Subpart OOO

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
PM	B				
SO_2					
NO_x					
CO					

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: [X] Attached, Document ID:_____ [ ] Not Applicable [ ] Waiver Requcsted
2. Facility Plot Plan: [X] Attached, Document ID:_____ [ ] Not Applicable [ ] Waiver Requested
3. Process Flow Diagram(s): [X] Attached, Document ID:_____ [ ] Not Applicable [ ] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [X] Attached, Document ID:_____ [ ] Not Applicable [ ] Waiver Requested
5. Supplemental Information for Construction Permit Application: [ ] Attached, Document ID:_____ [X] Not Applicable
6. Supplemental Requirements Comment:

Emissions Unit Information Section 1 of 3

III. EMISSIONS UNIT INFORMATION

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

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

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

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

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

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

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Material Handling - certain pieces of equipment not subject to NSPS Subpart OOO

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

4. Emissions Unit Status Code: **A**	5. Initial Startup Date: **N/A**	6. Emissions Unit Major Group SIC Code: **14**

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

A portable crushing unit was acquired by Mulliniks Construction Co., Inc.

Emissions Unit Information Section 1 of 3

Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method):
Dust Suppression by Water Sprays

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

Emissions Unit Details

1. Package Unit: N/A
Manufacturer: Model Number:

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: **200 ton/hr**

4. Maximum Production Rate: N/A

5. Requested Maximum Operating Schedule:
8 hours/day 5 days/week
50 weeks/year **2000** hours/year

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

The portable crushing unit has certain pieces of equipment not subject to NSPS and has a processing rate of 200 tons/hr.

200 tons/hr x 2000 hr/yr = 400000 tons/yr

Emissions Unit Information Section 1 of 3

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **Portable Crusher**			2. Emission Point Type Code: **3**		
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):					
Facility	**Description**		**Model**	**Serial#**	**Year Mfg.**
S1	**Simplicity Screen**	**5 x 14**	**M110B**	**2514-M110B**	**1967**
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: **N/A**					
5. Discharge Type Code: **F**	6. Stack Height: **N/A** feet		7. Exit Diameter: **N/A** feet		
8. Exit Temperature: **Ambient, 77°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: **0** feet		
13. Emission Point UTM Coordinates: Zone:	East (km):		North (km):		
14. Emission Point Comment (limit to 200 characters):					

Emissions Unit Information Section 1 of 3

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **Mineral Products: Stone Quarrying/Processing: General**		
3. Source Classification Code (SCC): **3-05-020-99**	3. SCC Units: **Tons Processed**	
4. Maximum Hourly Rate: **200 Tons Processed**	5. Maximum Annual Rate: **400000 Tons Processed**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **N/A**	8. Maximum % Ash: **N/A**	9. Million Btu per SCC Unit: **N/A**
10. Segment Comment (limit to 200 characters): **The Portable crushing unit has certain pieces of equipment not subject to NSPS and has a processing rate of 200 TPH.** **200 TPH x 2000 hr/yr = 400000 tons/yr**		

Segment Description and Rate: Segment _____ of _____

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

Emissions Unit Information Section 1 **of** 3

Pollutant Detail Information Page 1 **of** 2

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM10**	2. Pollutant Regulatory Code: **NS**	
3. Primary Control Device Code: **061**	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **0.6** lb/hour **0.6** tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: **0.003 lb/ton** Reference: **AP-42 Version 5 Table 11.19.2-2**		9. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **Hourly: 200 ton/hr x 0.003 lb/ton = 0.6 lb/hr** **Annual: 0.6 lb/hr x 2000 hr/yr x 1 ton/2000 lb = 0.6 tons/yr**		
11. Pollutant Potential Emissions Comment (limit to 200 characters): **Screening (controlled) = 0.00084 lb/ton** **Emission Factor = 0.00084 lb/ton + 0.00084 lb/ton** **For PM = 0.00084 lb/ton x 2.1 = 0.003 lb/ton**		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **N/A**	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):	

Emissions Unit Information Section 1 **of** 3

Pollutant Detail Information Page 2 **of** 2

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM**		2. Pollutant Regulatory Code: **NS**
3. Primary Control Device Code: **061**	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **0.6** lb/hour **0.6** tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: **0.003 lb/ton** Reference: **AP-42 Version 5 Table 11.19.2-2**		9. Emissions Method Code: **3**

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

Hourly: 200 ton/hr x 0.003 lb/ton = 0.6 lb/hr

Annual: 0.6 lb/hr x 2000 hr/yr x 1 ton/2000 lb = 0.6 tons/yr

11. Pollutant Potential Emissions Comment (limit to 200 characters):
Screening (controlled) = 0.00084 lb/ton
Emission Factor = 0.00084 lb/ton + 0.00084 lb/ton
For PM = 2.0014 lb/ton x 2.1 = 0.003 lb/ton

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: **N/A**	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):	

Emissions Unit Information Section 1 **of** 3

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: **VE20**	2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **20** % Exceptional Conditions: **N/A** % Maximum Period of Excess Opacity Allowed: **N/A** min/hour	
4. Method of Compliance: **Reasonable Precautions**	
5. Visible Emissions Comment (limit to 200 characters): **62-296.320(4) General VE/VPM Rule** **Screen**	

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

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code: **N/A**	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:

Emissions Unit Information Section 1 of 3

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

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

Emissions Unit Information Section 2 of 3

III. EMISSIONS UNIT INFORMATION

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

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

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

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

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

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

3. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Material Handling - certain equipment subject to NSPS Subpart OOO

3. Emissions Unit Identification Number:
ID: **002**
[ ] No ID
[ ] ID Unknown

4. Emissions Unit Status Code: **A**	8. Initial Startup Date: **N/A**	6. Emissions Unit Major Group SIC Code: **14**

9. Emissions Unit Comment: (Limit to 500 Characters)
A portable crushing unit was acquired by Mulliniks Construction Co., Inc.

Emissions Unit Information Section 2 of 3

Emissions Unit Control Equipment

7. Control Equipment/Method Description (limit to 200 characters per device or method): **N/A**
2. Control Device or Method Code(s):

Emissions Unit Details

1. Package Unit: **N/A**		
Manufacturer:	Model Number:	
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: **200 tons/hr**		
4. Maximum Production Rate: **N/A**		
5. Requested Maximum Operating Schedule:		
8 hours/day		5 days/week
50 weeks/year		**2000** hours/year

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

The portable crushing unit has certain pieces of equipment subject to NSPS and has a processing rate of 200 tons/hr.

200 tons/hr x 2000 hr/yr = 400000 tons/yr

Emissions Unit Information Section 2 **of** 3

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **Portable Crusher**

2. Emission Point Type Code: 3

3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):

Facility	Description	Model	Serial#	Year Mfg.
PC1	Eagle Primary Crusher	UM15	11083	1995
C1	Conveyor #1	48" x 35'	11082	1995
ST	Stacker	30" x 50'	Custom	1997
C2	Return Conveyor	18" x 30'	11082	1995

4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/A

5. Discharge Type Code: F

6. Stack Height: N/A feet

7. Exit Diameter: N/A feet

8. Exit Temperature: **Ambient, 77°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: **0** feet

13. Emission Point UTM Coordinates:

Zone: East (km): North (km):

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

Emissions Unit Information Section 2 of 3

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **Mineral Products: Stone Quarrying/Processing: General**		
9. Source Classification Code (SCC): **3-05-020-99**	3. SCC Units: **Tons Processed**	
10. Maximum Hourly Rate: **200 Tons Processed**	11. Maximum Annual Rate: **400000 Tons Processed**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **N/A**	8. Maximum % Ash: **N/A**	9. Million Btu per SCC Unit: **N/A**
10. Segment Comment (limit to 200 characters): **The portable crushing unit has certain pieces of equipment subject to NSPS and has a processing rate of 200 ton/hr.** **200 ton/hr x 2000 hr/yr = 400000 tons/yr**		

Segment Description and Rate: Segment _____ of _____

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

Emissions Unit Information Section 2 of 3

Pollutant Detail Information Page 1 of 2

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: PM	2. Pollutant Regulatory Code: NS	
3. Primary Control Device Code: 061	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: 0.2 lb/hour 0.2 tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: 0.001 lb/ton Reference: AP-42 Version 5 Table 11.19.2-2		9. Emissions Method Code: 3

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

Hourly: 200 ton/hr x 0.001 lb/ton = 0.2 lb/hr

Annual: 0.2 lb/hr x 2000 hr/yr x 1 ton/2000 lb = 0.2 tons/yr

12. Pollutant Potential Emissions Comment (limit to 200 characters):
Conveyor transfer point (controlled) = 3 x 0.000048 lb/ton = 0.00014 lb/ton
Primary Crusher = 0.0007 lb/ton
Emission Factor = 0.0003 lb/ton + 0.0007 lb/ton = 0.001 lb/ton
For PM = 0.0014 x 2.1 = 0.0003 lb/ton

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: N/A	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):

Emissions Unit Information Section 2 of 3

Pollutant Detail Information Page 2 of 2

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **PM10**		2. Pollutant Regulatory Code: **NS**
3. Primary Control Device Code: **061**	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **0.2** lb/hour **0.2** tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: **0.0008 lb/ton** Reference: **AP-42 Version 5 Table 11.19.2-2**		9. Emissions Method Code:
10. Calculation of Emissions (limit to 600 characters): **Hourly: 200 ton/hr x 0.0008 lb/ton = 0.2 lb/hr** **Annual: 0.2 lb/hr x 2000 hr/yr x 1 ton/2000 lb = 0.2 tons/yr**		
12. Pollutant Potential Emissions Comment (limit to 200 characters): **Conveyor transfer point (controlled) = 3 x 0.000048 lb/ton = 0.00014 lb/ton** **Crushers = 0.0007 lb/ton** **Emission Factor = 0.00014 lb/ton + 0.0007 lb/ton = 0.0008 lb/ton**		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code: N/A	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):	

Emissions Unit Information Section 2 of 3

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

Visible Emissions Limitation: Visible Emissions Limitation 1 of 2

1. Visible Emissions Subtype: **VE10**	2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **10 %** Exceptional Conditions: **N/A** % Maximum Period of Excess Opacity Allowed: **N/A** min/hour	
4. Method of Compliance: **Method 9**	
12. Visible Emissions Comment (limit to 200 characters): **NSPS Subpart OOO** **Conveyor** **Stacker**	

Visible Emissions Limitation: Visible Emissions Limitation 2 of 2

1. Visible Emissions Subtype: **VE15**	2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **15 %** Exceptional Conditions: **N/A** % Maximum Period of Excess Opacity Allowed: **N/A** min/hour	
4. Method of Compliance: **Method 9**	
13. Visible Emissions Comment (limit to 200 characters): **Primary Crusher**	

Emissions Unit Information Section 2 of 3

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

Continuous Monitoring System: Continuous Monitor _____ of _____

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

Emissions Unit Information Section 2 of 3

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

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

Emissions Unit Information Section 3 of 3

III. EMISSIONS UNIT INFORMATION

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

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

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

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

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

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

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters):
Diesel Generator for Portable Crushing Unit
John Deere Model #6101H502192
Serial # 610HF010

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

4. Emissions Unit Status Code: **A**	5. Initial Startup Date: **N/A**	6. Emissions Unit Major Group SIC Code: **14**

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

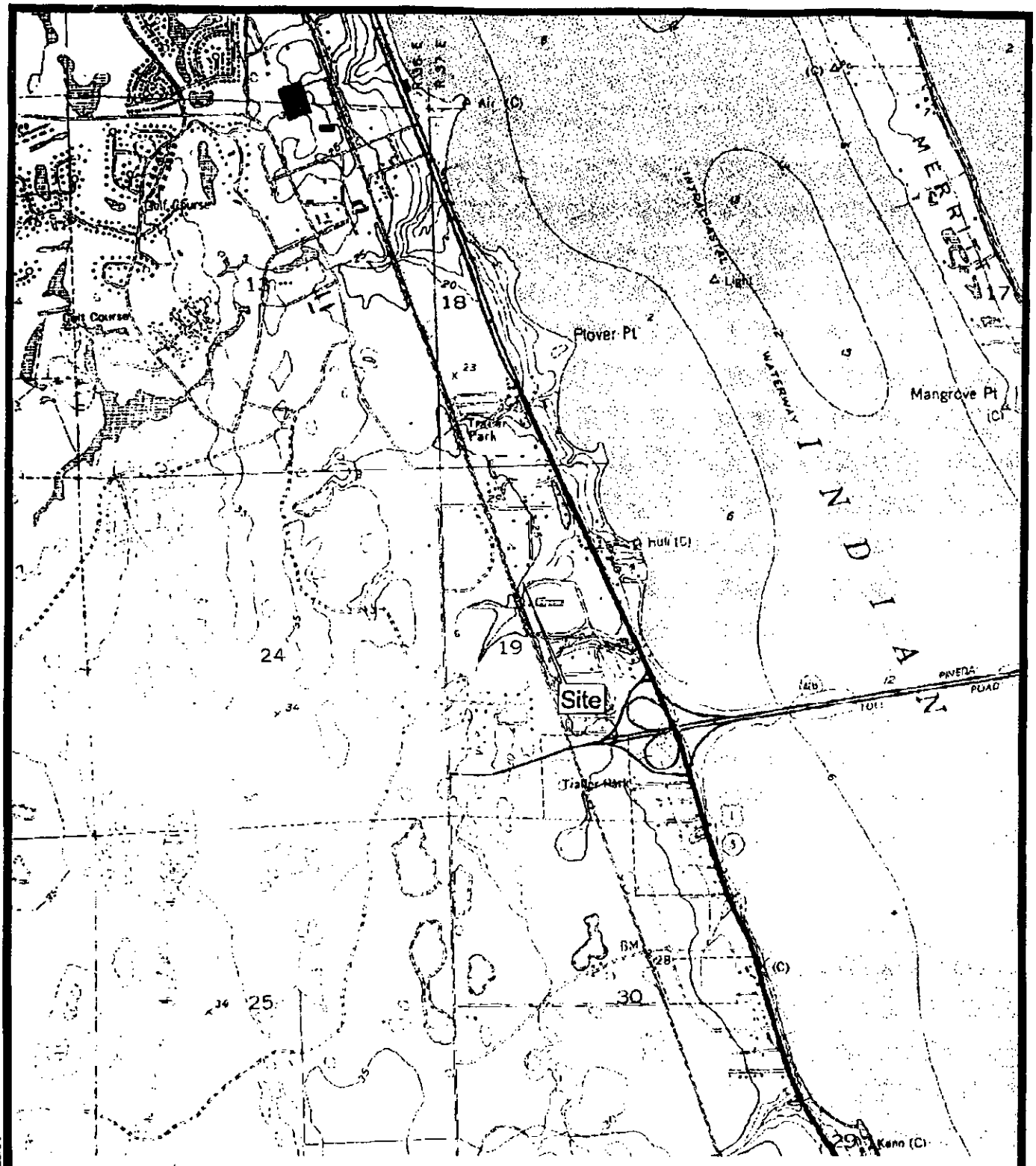
The portable crushing unit has a diesel power generator.

ATTACHMENT

Fugitive Dust Control:

To control fugitive dust emission from this facility, the best management practice such as the following will be incorporated into the daily operations:

1. All storage material will be kept in a confined area and wetted as needed.
2. The unpaved roads will be sprayed with water on an as-needed basis.
3. Care will be exercised while transporting materials to minimize overfilling and spillage.



Site Location Map
Melbourne, FL

DARABI AND ASSOCIATES, INC.
Environmental Consultants

and-col_mullinbs_permits.apr ALB 2/29/00

For informational purposes only.