

Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) 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 using ELSA, 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 site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: Florida Crushed Stone Company	
2. Site Name: Gregg Mine	
3. Facility Identification Number: 0530044 [] Unknown	
4. Facility Location: Street Address or Other Locator: 11430 Camp Mine Road City: Brooksville County: Hernando Zip Code: 34601	
5. Relocatable Facility? [] Yes [X] No	6. Existing Permitted Facility? [X] Yes [] No

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	October 30, 1996
2. Permit Number:	7770044-003-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Joseph J. Piermatteo -- Senior Vice President
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Florida Crushed Stone Company Street Address: Post Office Box 1508 City: Brooksville State: FL Zip Code: 34605-1508
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (352) 799-7881 Fax: (352) 796-6281
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. 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> Signature <u>Joseph J. Piermatteo</u> Date <u>Sept 18, 1996</u>

* Attach letter of authorization if not currently on file.

Purpose of Application and Category

Check one (except as otherwise indicated):

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units

This Application for Air Permit is submitted to obtain:

- Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: **AC27-275846**

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

Current operation permit number(s): _____

- Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one:

Attached - Amount: **\$1250**

Not Applicable.

Construction/Modification Information

<p>1. Description of Proposed Project or Alterations:</p> <p>This project is a mobile crushing unit and its diesel drive unit. This mobile crushing unit can be used anywhere at the Gregg Mine. Limestone is fed into the grizzly feeder by front end loaders, trucks, or by other conveyance. The crusher is used to reduce the top size of the limestone. The production of this unit is in addition to the production of the hard rock and soft rock plants.</p> <p>The mobile crushing unit includes a Detroit Diesel 12V drive unit. This drive unit provides power to the crusher and the conveyors.</p> <p>The components of the mobile crushing unit are not subject to NSPS Subpart OOO. The mobile crushing unit was manufactured in 1964, and has not been modified or reconstructed per NSPS OOO.</p>
<p>2. Projected or Actual Date of Commencement of Construction: Existing Unit</p>
<p>3. Projected Date of Completion of Construction: Existing Unit</p>

Professional Engineer Certification

<p>1. Professional Engineer Name: Steven C. Cullen, P.E. Registration Number: 45188</p>
<p>2. Professional Engineer Mailing Address:</p> <p>Organization/Firm: Koogler & Associates Street Address: 4014 NW 13th Street City: Gainesville State: FL Zip Code: 32609</p>
<p>3. Professional Engineer Telephone Numbers: Telephone: (352) 377-5822 Fax: (352) 377-7158</p>

4. Professional Engineer Statement:

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


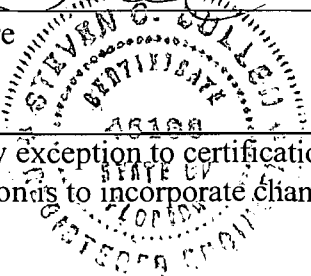
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions 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 a Title V source air operation permit (check here [] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is 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 [X] if so), I further certify that the engineering features of each such emissions unit described in this application have been ~~designed or~~ examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

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

Signature  Date 7/11/96
(seal) 

* Attach any exception to certification statement.

** Applications to incorporate changes in AC27-275846 and in air operation permit.

Application Contact

1. Name and Title of Application Contact: Steve Cullen -- Project Engineer
2. Application Contact Mailing Address: Organization/Firm: Koogler & Associates Street Address: 4014 NW 13th Street City: Gainesville State: FL Zip Code: 32609
3. Application Contact Telephone Numbers: Telephone: (352) 377-5822 Fax: (352) 377-7158

Application Comment

This application is a request for the following:

- **Department review of this application**
- **Determination that the emissions units detailed in this application are subject only to “reasonable precautions to prevent UPM”**
- **Inclusion of the emissions units detailed in this application within the soon-to-be-issued air operation permit for the Gregg Mine without demonstration of compliance, as these emissions units will not have required compliance testing.**

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Synthetic Minor Source of Pollutants Other than HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Synthetic Minor Source of HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. One or More Emissions Units Subject to NSPS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9. One or More Emission Units Subject to NESHAP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10. Title V Source by EPA Designation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Facility Regulatory Classifications Comment (limit to 200 characters): Certain pieces of equipment at this facility are <i>affected facilities</i> per NSPS Subpart 000. However, the emissions units detailed in this application are not subject to NSPS.

B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

The facility is subject to certain provisions of the following rules:

Florida Administrative Code

62-4

62-210

62-296

62-297

The facility is not subject to Rule 62-212, FAC, because it is an existing minor source located in an area classified in attainment with NAAQS.

40 CFR 60

Certain pieces of equipment at the Gregg Mine are subject to the fugitive opacity limitations of NSPS Subpart OOO.

However, the emissions units detailed in this application are not subject to NSPS.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.) [**Not Applicable**]

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
PM	B

D. FACILITY POLLUTANT DETAIL INFORMATION [NA]

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested On File with Department
2. Facility Plot Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested On File with Department
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: FAC-S3 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested On File with Department
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested On File with Department
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only [NA]

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L 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. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? 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.

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.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): <p style="text-align: center;">Mobile Crushing Unit</p>		
2. Emissions Unit Identification Number: [<input checked="" type="checkbox"/>] No Corresponding ID [<input type="checkbox"/>] Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters): Mobile Crushing Unit, consisting of: <ul style="list-style-type: none"> • Grizzly feeder • Missouri-Rogers crusher • Hopper belt • Crusher belt • Stacker belt 		

Emissions Unit Control Equipment

A. [NA]

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date: NA		
2. Long-term Reserve Shutdown Date: NA		
3. Package Unit: NA		
Manufacturer:	Model Number:	
4. Generator Nameplate Rating: NA	MW	
5. Incinerator Information: NA		
Dwell Temperature:	°F	
Dwell Time:	seconds	
Incinerator Afterburner Temperature:	°F	

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: 400 tph & 800,000 tpy	
4. Maximum Production Rate: NA	
5. Operating Capacity Comment (limit to 200 characters):	
400 tph x 2000 hr/yr = 800,000 tpy processed	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
24 hours/day	7 days/week	
52 weeks/year	2000 hours/year	

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This emissions unit is subject to certain provisions of the following rules:

Florida Administrative Code

62-4

62-210

62-296

This emissions unit is not subject to Rule 62-212, FAC, because it is a minor emissions unit located in an area classified in attainment with NAAQS.

This emissions unit is not subject to NSPS.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.) **[Not Applicable]**

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Mobile Crushing Unit	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Mobile Crushing Unit, consisting of: <ul style="list-style-type: none"> • Grizzly feeder -- MRCC • Missouri-Rogers crusher -- MRC • Hopper belt -- MRCI • Crusher belt -- MRCH • Stacker belt -- MRCG 	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA	
5. Discharge Type Code: <input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height: NA	feet
7. Exit Diameter: NA	feet
8. Exit Temperature:	77°F

Emissions Unit Information Section 1 of 2 [Mobile Crushing Unit]

9. Actual Volumetric Flow Rate: NA	acfm
10. Percent Water Vapor : NA	%
11. Maximum Dry Standard Flow Rate: NA	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):	

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Mineral Products: Stone Quarrying/Processing: General	
2. Source Classification Code (SCC): 3-05-020-99	
3. SCC Units: Tons Processed	
4. Maximum Hourly Rate: 400	5. Maximum Annual Rate: 800,000
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash: NA
9. Million Btu per SCC Unit: NA	
10. Segment Comment (limit to 200 characters): Annual process rate is limited by the permittee.	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM			EL
PM10			EL
PM & PM10 are emissions limited by the limit on annual production.			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information: Pollutant 1 of 2

1. Pollutant Emitted: PM		
2. Total Percent Efficiency of Control: NA		%
3. Potential Emissions:	2.8 lb/hour	2.8 tons/year
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions: See Potential Emissions <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/year		
6. Emission Factor: 0.007 lb/ton processed Reference: EPA-600/2-78-004e: <i>Source Assessment -- Crushed Limestone</i>		
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters): <u>Hourly</u> 400 tph x 0.007 lb/ton = 2.8 lb/hr <u>Annual</u> 800,000 tpy x 0.007 lb/ton ÷ 2000 lb/ton = 2.8 tpy		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Annual process rate and annual hours of operation for this emissions unit are limited by the permittee.		

Allowable Emissions (Pollutant identified on this page) [NA]

Emissions Unit Information Section 1 of 2 [Mobile Crushing Unit]

Pollutant Detail Information: Pollutant 2 of 2

1. Pollutant Emitted: PM10		
2. Total Percent Efficiency of Control: NA		%
3. Potential Emissions:	0.48 lb/hour	0.5 tons/year
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions: See Potential Emissions <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/year		
6. Emission Factor: 0.0012 lb/ton processed Reference: EPA-600/2-78-004e: Source Assessment – Crushed Limestone		
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters): <u>Hourly</u> 400 tph x 0.0012 lb/ton = 0.48 lb/hr <u>Annual</u> 800,000 tpy x 0.0012 lb/ton ÷ 2000 lb/ton = 0.5 tpy		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Annual process rate and annual hours of operation for this emissions unit are limited by the permittee.		

Allowable Emissions (Pollutant identified on this page) [NA]

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE20			
2. Basis for Allowable Opacity:		<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
Rule 62-296.320, FAC			
3. Requested Allowable Opacity:			
Normal Conditions:	20%	Exceptional Conditions:	%
Maximum Period of Excess Opacity Allowed:			min/hour
4. Method of Compliance: See Comment			
5. Visible Emissions Comment (limit to 200 characters):			
<p>The Department has previously classified this type of equipment as subject to “reasonable precautions to prevent UPM”; and has not assigned an allowable opacity limit and has not required visible emissions testing.</p>			

**J. CONTINUOUS MONITOR INFORMATION [NA]
(Regulated Emissions Units Only)**

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter ~~or Sulfur Dioxide?~~

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 1 of 2 [Mobile Crushing Unit]

2. Increment Consuming for Nitrogen Dioxide? [NA]

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
SO2	<input type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
NO2	<input type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
4. Baseline Emissions:			
PM	0 lb/hour	0 tons/year	
SO2	lb/hour	tons/year	
NO2		tons/year	
5. PSD Comment (limit to 200 characters):			

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: FAC-S3 <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 type="checkbox"/> Attached, Document ID: _____ <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 type="checkbox"/> Attached, Document ID: _____ <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 checked="" type="checkbox"/> Not Applicable
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

Additional Supplemental Requirements for Category I Applications Only [NA]

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L 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. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? 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.

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.

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date: NA		
2. Long-term Reserve Shutdown Date: NA		
3. Package Unit: NA		
Manufacturer:	Model Number:	
4. Generator Nameplate Rating: NA	MW	
5. Incinerator Information: NA		
Dwell Temperature:	°F	
Dwell Time:	seconds	
Incinerator Afterburner Temperature:	°F	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	2.8 mmBtu/hr
2. Maximum Incineration Rate: NA lb/hr	tons/day
3. Maximum Process or Throughput Rate: NA	
4. Maximum Production Rate: NA	
5. Operating Capacity Comment (limit to 200 characters):	
20 gallons of #2 fuel oil (diesel)/hour x 0.141 mmBtu/gallon = 2.8 mmBtu/hr	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
24 hours/day	7 days/week	
52 weeks/year	2000 hours/year	

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This emissions unit is subject to certain provisions of the following rules:

Florida Administrative Code

62-4

62-210

62-296

This emissions unit is not subject to Rule 62-212, FAC, because it is a minor emissions unit located in an area classified in attainment with NAAQS.

This emissions unit is not subject to NSPS.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.) **[Not Applicable]**

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Diesel Unit Exhaust	
2. Emission Point Type Code: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): NA	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA	
5. Discharge Type Code: <input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input checked="" type="checkbox"/> W	
6. Stack Height: NA	feet
7. Exit Diameter: NA	feet
8. Exit Temperature:	~200°F

Emissions Unit Information Section 2 of 2 [Diesel Drive Unit for Mobile Crushing Unit]

9. Actual Volumetric Flow Rate: NA	acfm
10. Percent Water Vapor : NA	%
11. Maximum Dry Standard Flow Rate: NA	dscfm
12. Nonstack Emission Point Height:	~10 feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment (limit to 200 characters):	

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Internal Combustion Engines/Industrial/Distillate Oil (Diesel)/Reciprocating	
2. Source Classification Code (SCC): 2-02-001-02	
3. SCC Units: Thousand Gallons Burned	
4. Maximum Hourly Rate: 0.02	5. Maximum Annual Rate: 40
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: 0.5	8. Maximum Percent Ash: NA
9. Million Btu per SCC Unit: 141	
10. Segment Comment (limit to 200 characters): 20 gallons/hour & 2000 hours/year	

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted: NOX		
2. Total Percent Efficiency of Control:		%
3. Potential Emissions:	12.44 lb/hour	12.4 tons/year
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions: NA <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/year		
6. Emission Factor: 4.41 lb/mmBtu Reference: AP-42, 5th Edition, Table 3.3-2		
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters): <u>Hourly</u> 20 gph x 0.141 mmBtu/gal x 4.41 lb/mmBtu = 12.44 lb/hr <u>Annual</u> 20 gph x 2000 hr/yr x 0.141 mmBtu/gal x 4.41 lb/mmBtu ÷ 2000 lb/ton = 12.4 tpy		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Annual hours of operation are limited by the permittee.		

Allowable Emissions (Pollutant identified on this page) [NA]

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE20			
2. Basis for Allowable Opacity:		<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other
Rule 62-296.320, FAC			
3. Requested Allowable Opacity:			
Normal Conditions:	20%	Exceptional Conditions:	%
Maximum Period of Excess Opacity Allowed:			min/hour
4. Method of Compliance: See Comment			
5. Visible Emissions Comment (limit to 200 characters):			
<p>The Department has previously classified this type of equipment as subject to “reasonable precautions to prevent UPM”; and has not assigned an allowable opacity limit, and has not required visible emissions testing.</p>			

**J. CONTINUOUS MONITOR INFORMATION [NA]
(Regulated Emissions Units Only)**

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 2 of 2 [Diesel Drive Unit for Mobile Crushing Unit]

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
SO2	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
NO2	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
4. Baseline Emissions:			
PM		0 lb/hour	0 tons/year
SO2		0 lb/hour	0 tons/year
NO2			0 tons/year
5. PSD Comment (limit to 200 characters):			

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

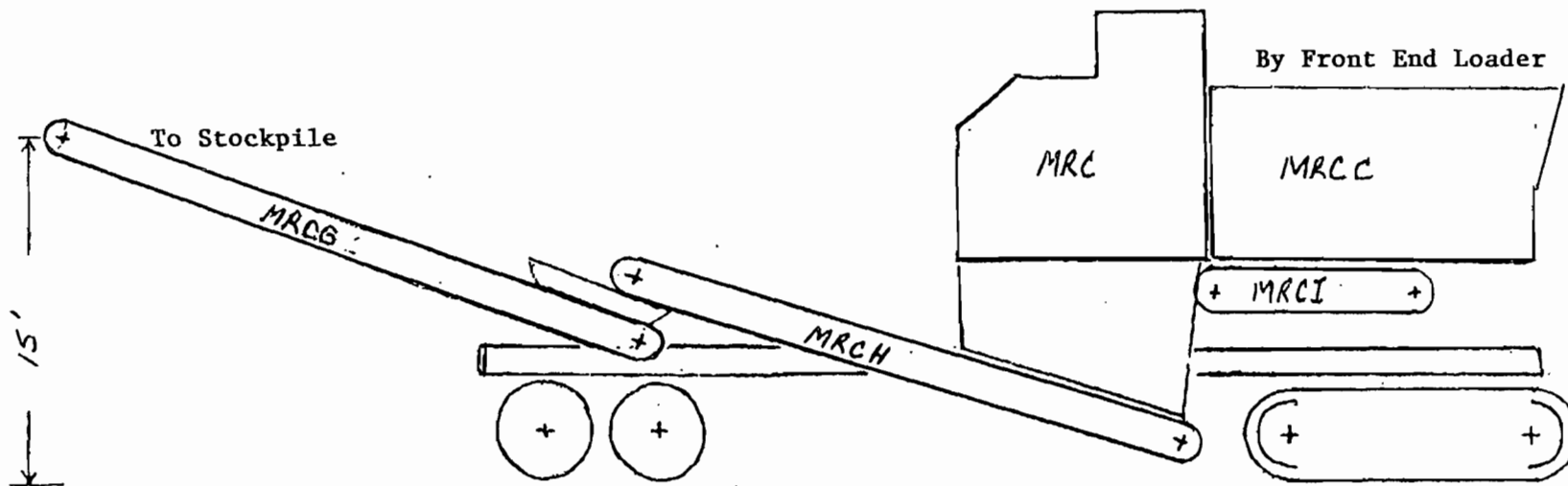
Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u>EU-S2</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <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 type="checkbox"/> Attached, Document ID: _____ <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 checked="" type="checkbox"/> Not Applicable
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

Additional Supplemental Requirements for Category I Applications Only [NA]

MISSOURI RODGER MOBILE CRUSHER

1964 MODEL



MRCG = Grizzly Feeder
MRCI = Hopper Belt
MRC = Missouri-Rogers Impact Crusher
MRCH = Crusher Belt
MRCG = Stacker Belt

TYPICAL OIL SPECS

Grade	No. 1 Fuel Oil	No. 2 Fuel Oil	No. 4 Fuel Oil	No. 5 Fuel Oil	No. 6 Fuel Oil
Type	Distillate (Kerosene)	Distillate	Very Light Residual	Light Residual	Residual
Color	Light	Amber	Black	Black	Black
API gravity, 60 F	40	32	21	17	13
Specific gravity, 60/60 F	0.8251	0.8654	0.9279	0.9529	0.9861
Lb per U.S. gallon, 60 F	6.870	7.206	7.727	7.935	8.212
Viscos., Centistokes, 100 F	1.6	2.68	15.0	50.0	360.0
Viscos., Saybolt Univ., 100 F	31	35	77	232	—
Viscos., Saybolt Furol, 122 F	—	—	—	—	170
Pour point, F	Below zero	Below zero	10	30	65
Temp. for pumping, F	Atmospheric	Atmospheric	15 min.	35 min.	100
Temp. for atomizing, F	Atmospheric	Atmospheric	25 min.	130	200
Carbon residue, per cent	Trace	Trace	2.5	5.0	12.0
Sulfur, per cent*	0.1	0.4-0.7*	0.4-1.5	2.0 max.	2.8 max.
Oxygen and nitrogen, per cent	0.2	0.2	0.48	0.70	0.92
Hydrogen, per cent	13.2	12.7	11.9	11.7	10.5
Carbon, per cent	86.5	86.4	86.10	85.55	85.70
Sediment and water, per cent	Trace	Trace	0.5 max.	1.0 max.	2.0 max.
Ash, per cent	Trace	Trace	0.02	0.05	0.08
Btu per gallon	137,000	141,000	146,000	148,000	150,000

* Technical information from Humble Oil & Refining Company.

* Department of Agriculture and Consumer Services rules limit the sulfur content of new No. 2 fuel oil to 0.5% or lower.

Ref: EPA 450/2-80-063

Check Sheet

Company Name: Florida Crushed Stone, Mobile Crushing Unit
Permit Number: 7770044-003-AC
PSD Number: _____
Permit Engineer: _____

Application:

- Initial Application
 - Incompleteness Letters
 - Responses
 - Waiver of Department Action
 - Department Response
 - Other

Cross References:

-
-
-

Intent:

- Intent to Issue
- Notice of Intent to Issue
- Technical Evaluation
- BACT Determination
- Unsigned Permit
- Correspondence with:
 - EPA
 - Park Services
 - Other
- Proof of Publication
 - Petitions - (Related to extensions, hearings, etc.)
 - Waiver of Department Action
 - Other

Final Determination:

- Final Determination
- Signed Permit
- BACT Determination
- Other

Post Permit Correspondence:

- Extensions/Amendments/Modifications
- Other



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
352/377-5822 ■ FAX/377-7158

November 20, 1997

Mr. A.A. Linero, P.E.
Administrator - New Source Review Section
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

SUBJECT: DEP File No. 7770044-003-AC
Florida Crushed Stone Company
Mobile Crushing Unit

Dear Mr. Linero:

I have confirmed that the referenced mobile crushing unit will be used only at Florida Crushed Stone's (FCS) Brooksville, Florida operations. This negates the need for a "relocatable" permit.

Please see attached a letter from Ron Aliff -- FCS Environmental Director, which provides all of the information requested by the Department in its letter of November 27, 1996.

We respectfully request that the application for the air construction permit and this additional information be returned to the Southwest District for final processing.

Please do not hesitate to contact me if you have any further questions or require additional information.

Sincerely,

Steven C. Cullen, P.E.
Koogler & Associates

Attachment: Letter (11/17/1997) from Ron Aliff to Steve Cullen

copies to: Ron Aliff (FCS)
Eric Peterson (FDEP-SWD)

cc: Willard Hanks, BAR

RECEIVED

NOV 21 1997

BUREAU OF
AIR REGULATION



FLORIDA CRUSHED STONE COMPANY

November 17, 1997

Mr. Steve Cullen, P.E.
Koogler & Associates
4014 NW Thirteenth Street
Gainesville, Florida 32609

RE: Mobile Crushing Unit, DEP File #7770044-003-AC

Dear Mr. Cullen:

In response to the letter from Mr. Linero, Florida Department of Environmental Protection, the following information is provided:

1. The mobile crushing unit will be used at the FCS Brooksville Mine (11430 Camp Mine Road.)
2. Enclosed is a drawing of the dust suppression system for the crusher. The unit will be equipped with a 500 gallon tank containing a surfactant pumped to spray nozzles in the system's hopper.
3. Also enclosed is the purchase offer to FCS from W.L. Cobb Construction Company, previous owner of the unit. Please note that first line indicates the unit was delivered to W.L. Cobb in 1964. Hopefully this will suffice as confirmation as to the manufactured date; If not, I can request Missouri-Rogers provide certification.

If you have any further questions regarding this matter, feel free to contact me.

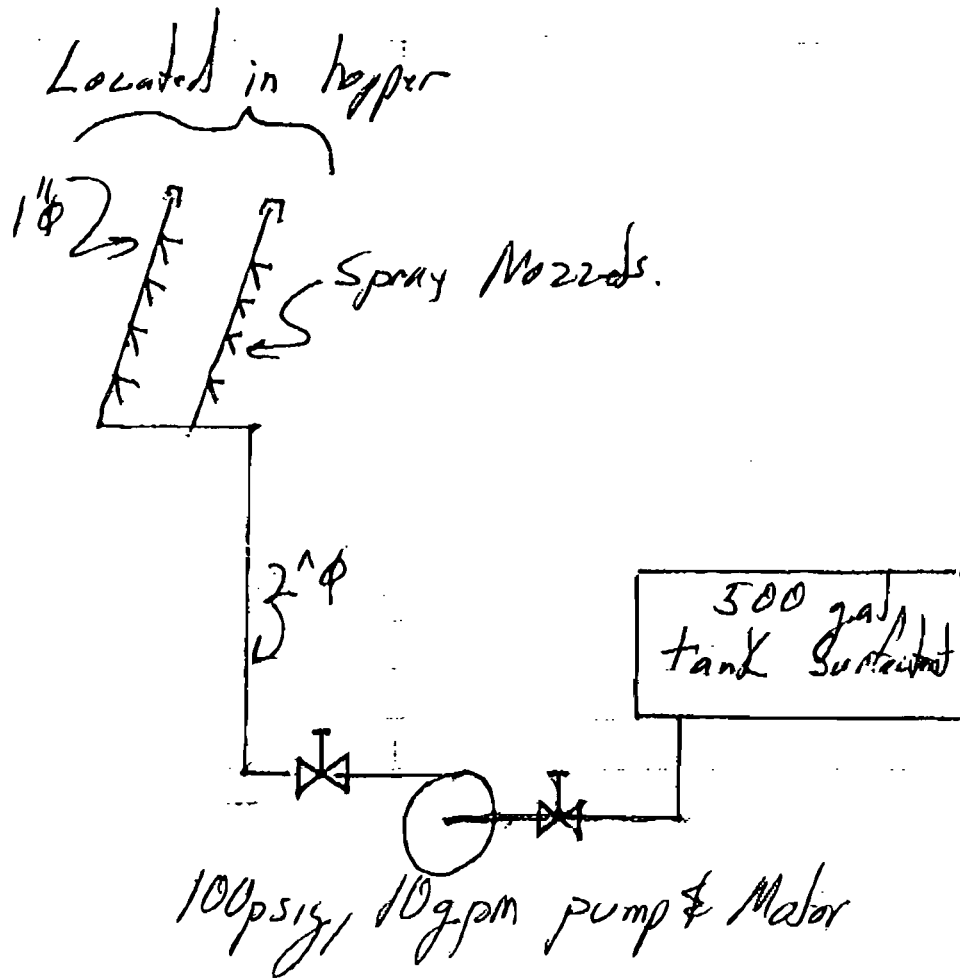
Sincerely,


Ron Aliff
Environmental Director

RA/ss

Encl.

Proposed Dust Suppression System Portable Crusher



R Taylor 10/12/97

Sheet No. *Unit # MR. Crusher*

Account No. *MULLER*

Terms *Purchase - 6-21-76*

NAME *W. L. COBB CONSTRUCTION CO*

Rating

ADDRESS *TAMPA, FLA.*

Credit Limit

P. 4

11-17-1997 10:56AM FROM CENTRAL POWER 7966281

18-453 "EXT-EASE" HAMMERBALL RECORDER	DATE 19	ITEMS	FOLIO	DEBITS	CREDITS	DR. OR CR.	BALANCE
		Delivered December 5, 1964					
		1 Missouri-Rogers Portable Model PDF 4654 "DYNAPACTOR" TM crushing plant, serial no. PP-214, consisting of the following: CRUSHERS 46" x 54" "DYNAPACTOR" crusher single rotor type with manganese steel hammers and sleeves, hydraulic operated feed plate, serial no. ROK-161 FEEDER 44" wide x 16'-0" long vibrating feeder grizzly with 10'-0" stepped deck grizzly section including replacement grizzly section for slab material. CONVEYORS 42" wide main collecting conveyor with impact troughing idlers under crusher discharge opening, conveyor tail section raised and lowered hydraulically for maximum portability, 42" wide under conveyor for collecting material passing thru grizzly and deposit same on main collecting conveyor. CHASSIS Heavy duty fabricated steel truck frame equipped with triple rear equalizer assembly with air brakes, tandem axle removable front dolly with fifth wheel pin hitch and towing tongue. Feeder grizzly mounted on separate removable skid base which is bolted to main chassis, operators platform, ladder, control stand, motor mount and fuel tank DRIVES Crusher - V-belt with necessary guards Conveyors - Gear reducer drives and V-Belt with necessary guards Feeder - V-belt drive and guards OPTIONS Swivel discharge conveyor 60 K.W. Lima Generator V-belt drive for generator Hopper extension - XAR steel ELECTRIC MOTORS one 25 HP - 3 phase, 60 cycle open drip proof type two 15 HP 3 phase, 60 cycle, open drip proof type one 10 HP 3 phase, 60 cycle, open drip proof type					
					<i>Impact bars Casting # 4310</i>		

Sheet No. _____

Terms

Rating

Credit Limit

TERMS

FORM

DEBITS

CRED

DA

CR

BALANCE

Mar Unit

General Motors 12V71, model 7124-7201, S/N 12VA-5768

Basic - standard equipment

Throttle controls - output shaft governor

Governor limiting speed for use with output shaft governor

Torque converter with accessory drive - Governor TCA955

Ulison Torque converter model TCA955, S/N 33174 - part

number 671113

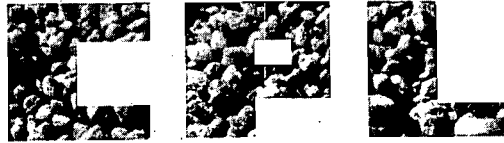
officers

cleaner mounting including extended pipes

P. 5

11-17-1997 10:56AM FROM CENTRAL POWER 7966281

FLA. Crushed
Stone



CENTRAL POWER & LIME, INC.

November 17, 1997

RECEIVED

NOV 20 1997

BUREAU OF
AIR REGULATION

Mr. A.A. Linero
New Source Review Section
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: File #7770044-003-AC, Mobile Crushing Unit

Dear Mr. Linero:

In response to your letter dated November 6, 1997, I am sending our consultant, Koogler & Associates the requested information to review and pass along to your section.

I apologize for any inconvenience our failure to respond may have caused; FCS reassigned managers responsible for environmental issues and this project fell through the proverbial crack. FCS does indeed wish to proceed with the subject permit and will actively monitor its progress.

If you have questions or concerns regarding this matter, please feel free to contact me at (352) 799-7881.

Sincerely,

Ron Aliff

Ron Aliff
Environmental Director

RA/ss

cc: W. Hanks, BAR

Fold at line over top of envelope to

if RETURN ADDRESS completed on the reverse side?

SENDER:

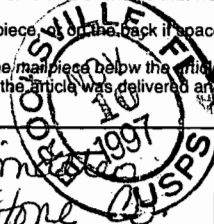
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested"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

3. Article Addressed to:
 Joseph G. Piermatteo
 Fla Crushed Stone
 P.O. Box 1508
 Brooksville, FL
 34605-1508



4a. Article Number
 P 265 659 482

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

7. Date of Delivery
 11-16-97

5. Received By: (Print Name)
 Steve Seal

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

Thank you for using Return Receipt Service.

Return Receipt

P 265 659 482

US Postal Service
Receipt for Certified Mail

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

Sent to Joseph Piermatteo	
Quantity & Number Fla Crushed Stone	
Post Office, State, & ZIP Code Brooksville 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 7770044 003AE 11-5-97	

PS Form 3800 April 1995



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

November 6, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Joseph J. Piermatteo
Senior Vice President
Florida Crushed Stone Company
Post Office Box 1508
Brooksville, Florida 34605-1508

Re: File No. 7770044-003-AC
Mobile Crushing Unit

Dear Mr. Piermatteo:

On November 27, 1996, the Department requested additional information for your application for permit to construct a mobile crushing unit to be operated at several Florida Crushed Stone mines. As of this date, we have not received a response to this letter.

Please let us know the current status of this unit and if you plan to pursue obtaining an air construction permit for it. If you do not respond to this letter within 30 days of receipt of it, the Department will assume you have changed your plans to obtain a permit for the unit and will recommend denial of the permit.

If you have any questions on this matter, please write to me or call Willard Hanks, review engineer, at 850/488-1344.

Sincerely,

A. A. Linero, P.E.
Administrator
New Source Review Section

AAL/wh/h

cc: Mr. Steve Cullen, Koogler and Assoc.

Fold at line over top of envelope to

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Steven C Cullen, PE
 Hooper & Assoc.
 1414 NW 13th Street
 Gainesville, FL 32609

4a. Article Number
 P339 251 185

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

7. Date of Delivery
 11/27/96

5. Signature (Addressee)
 Steven C Cullen

6. Signature (Agent)
 [Signature]

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

Thank you for using Return Receipt Service.

PS Form 3811, December 1991 ☆U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

P 339 251 185

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

Sent to	Steve Cullen
Street & Number	Hooper & Ass.
Post Office, State, & ZIP Code	Gainesville, 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	11-25-96
	FCS-Mobile Unit

PS Form 3800, April 1995



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

November 27, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Steven C. Cullen, P.E.
Koogler & Associates
4014 NW Thirteenth Street
Gainesville, Florida 32609

Re: Florida Crushed Stone (FCS)
Mobile Crushing Unit Application

Dear Mr. Cullen:

Your October 25 letter providing additional information on the referenced application stated that this unit would operate at several FCS mines. Applications for permits for relocatable units that operate in different districts are processed by the Bureau of Air Regulation. The referenced application has been transferred to the Bureau. The Bureau needs additional information to process this application. Please provide the following information:

1. List of all mines and their locations (street/highway, City, County) that the unit will operate at.
2. Description of the water spray system that will be used, when needed, to control fugitive emissions from the crusher.
3. Any records to confirm that this unit existed prior to August 1, 1985 (effective date of 40 CFR 60, Subpart OOO).

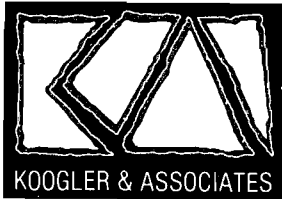
The Bureau will begin processing this application after receipt of the requested information. If you have any questions on this matter, please call Willard Hanks or myself at (904)488-1344.

Sincerely

A. A. Linero, P.E.
Administrator
New Source Review Section

AAL/wh

cc: Jerry Kissel, SWD
Tom Mountain, FCS



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 ■ FAX 377-7158

October 25, 1996

Eric Peterson -- Air Permitting Engineer
FDEP -- Southwest District, Air Program
3804 Coconut Palm Drive
Tampa, FL 33619

D.E.P.

OCT 30 1996

SOUTHWEST DISTRICT
TAMPA

SUBJECT: Florida Crushed Stone Company -- Gregg Mine
Air Construction Permit Application
Project: Mobile Crushing Unit - Gregg Mine
DEP File No.: 0530044-003-AC

Dear Mr. Peterson:

Your letter dated October 1, 1996 requested certain additional information necessary for processing the application for an Air Construction Permit for a mobile crushing unit at the Gregg Mine. This letter shall respond to that request for information. All items in your request for additional information are reproduced below, preserving your numbering. Responses follow each item.

1. Please provide a more detailed description of the intended use of the mobile crushing unit.

RESPONSE: The mobile crushing unit will be used as a stand-alone operation for crushing limerock base material (softrock). Limestone is quarried by dragline and stockpiled, and is then size-reduced by the mobile crushing unit for use as limerock base material.

This operation is separate from, and in addition to, the softrock operations at the Gregg Mine. FCS intends for this mobile crushing unit to be a relocatable unit, for use at the Gregg Mine and at other FCS mining operations.

2. What reasonable precautions will be taken to prevent emissions of unconfined particulate matter from the mobile crushing unit?

RESPONSE: The mobile crushing unit will generally crush material containing greater than 8% moisture. This material moisture serves to prevent the emissions of unconfined particulate matter (UPM). If the mobile crushing unit is to crush material with a moisture content that is insufficient to prevent emissions of UPM, water sprays will be used as a reasonable precaution to prevent such emissions.

3. Will production from the mobile crushing unit be tracked separately from the other limestone processing plants at the Gregg Mine?

RESPONSE: Yes -- production from the mobile crushing unit will be tracked separately from the other limestone processing plants at the Gregg Mine.

4. The diesel drive unit will be required in a construction permit to conduct a Method 9 visible emissions test. If a facility-wide air operation permit is still desired, the previously submitted operation permit application will be held incomplete until the construction permit requirements for this project are satisfied.

RESPONSE: After consideration, FCS has decided that it would be most advantageous for the mobile crushing unit to be permitted separately from the other emissions units at the Gregg Mine. This letter shall serve as notification to the Department of this request. Further, FCS requests that the air construction permit and ultimately the air operation permit be "relocatable" permits. It is our understanding that this is accomplished by a 777 prefix on the emissions unit identification number.

Please issue the air operation permit for the other emissions units at the Gregg Mine.

Please issue an air construction permit for the mobile crushing unit, currently located at the Gregg Mine.

Thank you for your consideration in reviewing this additional information and the attendant applications. Please contact me at (352) 377-5822, if you have any questions or comments.

Sincerely,



Steven C. Cullen, P.E.
Koogler & Associates

copy to: Tom Mountain -- FCS

** statewide per telecon w/ S Cullen 10/31/96
— E. Peterson*





Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

October 1, 1996

Mr. Joseph J. Piermatteo, Senior V.P.
Florida Crushed Stone Co./Gregg Mine
P.O. Box 1508
Brooksville, Fl 34605-1508

Dear Mr. Piermatteo:

Re: Air Construction Permit Application Dated September 18, 1996
Project: Mobile Crushing Unit - Gregg Mine
DEP File No.: 0530044-003-AC

On September 20, 1996 the Department received the above referenced application. In order to continue processing the application, the Department will need the following additional information pursuant to Rule 62-4.070(1), F.A.C.:

1. Please provide a more detailed description of the intended use of the mobile crushing unit.
2. What reasonable precautions will be taken to prevent emissions of unconfined particulate matter from the mobile crushing unit?
3. Will production from the mobile crushing unit be tracked separately from the other limestone processing plants at the Gregg Mine?
4. The diesel drive unit will be required in a construction permit to conduct a Method 9 visible emissions test. If a facility-wide air operation permit is still desired, the previously submitted operation permit application will be held incomplete until the construction permit requirements for this project are satisfied.

"NOTICE: Pursuant to the provisions of Section 120.60, F.S. and Chapter 62-12.070(5), F.A.C., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department will issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered question will be submitted. If the response will require longer than 90 days to develop, an application for new construction should be withdrawn and resubmitted when completed information is available. Or for operating permits, you should develop a specific time table for the submission of the requested information for Department review and consideration. Failure to comply with a time table accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

If you have any questions, please call me at (813)744-6100 extension 112.

Sincerely,



Eric Peterson
Air Permitting Engineer

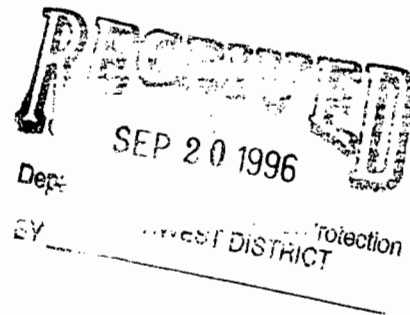
cc: Steven C. Cullen, P.E., Koogler & Associates



FLORIDA CRUSHED STONE COMPANY

September 18, 1996

Mr. Eric Peterson
Florida Department
of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619-8318



Re: Application for Air Operating Permit
FCS Gregg Mine

Mr. Peterson:

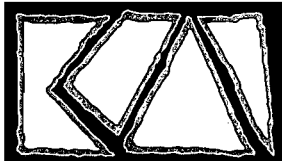
Enclosed are four (4) copies of the above referenced application, one (1) copy of the Recordkeeping Compliance Report for the subject mine with cover letter and a check in the amount of \$1,250 (permit application fee for modification of construction permit).

Please call me at (352) 799-7881 if you have any questions.

Sincerely,

Tom Mountain
Environmental Manager

053 0044/002



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 ■ FAX 377-7158

KA 307-96-07

July 10, 1996

RECEIVED
JUL 17 1996

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Mr. Eric Peterson
Florida Department of
Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Subject: Application for Air Operation Permit
Florida Crushed Stone Company
Gregg Mine
Brooksville, Hernando County, Florida
AIRS I.D. No. 0530044
Permit No. AC27-275846

Dear Mr. Peterson:

Enclosed are four signed copies of the permit application for the subject facility.

If you have any questions concerning this application, please do not hesitate to contact me.

Very truly yours,

KOOGLER & ASSOCIATES

Steven C. Cullen, P.E.

SCC:wa
Enc.

c: Mr. Tom Mountain, FCS