

Permitting Application

ARMS Facility

Facility Name: MARTIN MARIETTA AGGREGATES AIRS ID: 1230046
County: TAYLOR Owner: MARTIN MARIETTA AGGREGATES
Office: NE: JACKSONVILLE Category: POINT

Project

AIR Permit #: 1230046-001-AC Project #: 001 CRA Reference #: 1030
Permit Office: NED (DISTRICT) Agency Action: Issue
Project Name: PERRY QUARRY Desc:
Type/Sub/Req: AC /1E Source 5 tpy but less than 25 \$1000 Logged: 19-DEC-1995
Received: 18-DEC-1995 Issued: 18-APR-1996 Expires: 18-OCT-1996
Fee: 1000.00 Realized: 1000.00 Dele: Override: NONE

Related Party

Role: APPLICANT Begin: 19-DEC-1995 End:
Name: MARTIN MARIETTA AGGREGATES SSN/FEID: Unavailable
Addr: 2710 WYCLIFF ROAD
City: RALEIGH State: NC Zip: 27607- Country: U.S.A.
Phone: 919-781-4550 Fax: 919-783-4695

Processors

Processor: FELTON_R Y Active: 19-DEC-1995 Inactive:

Enter Project Name.

Count: *2

<Replace>

*1-22-97
011:54
Spoke w Rita. She said that
the company had inquired about their
status and then realized that there was
a problem with the submittal - the NED did
not have the package. The company resubmitted
their application along with a processing fee.
Ran*

1-29-97

*Spoke w Clark and gave him the status of this project.
Ran*



Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

RECEIVED

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

JUL 28 1990

Bureau of Air Regulation

I. APPLICATION INFORMATION

This section of the Application for Air Permit form provides general information on the scope of this application, the purpose for which this application is being submitted, and the nature of any construction or modification activities proposed as a part 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 on diskette, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application


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

Martin Marietta Aggregates, Division of Martin Marietta Materials, Inc.
Perry Quarry
Highway 98 West - Nutall Rise Road
Perry, Florida 32347

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
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: R. R. Winchester - Executive Vice President
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Martin Marietta Aggregates Street Address: 2710 Wycliff Road City: Raleigh State: NC Zip Code: 27607
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (919) 781--4550 Fax: (919) 783 - 4695
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* of the facility (non-Title V source) addressed in this Application for Air Permit or the responsible official, as defined in Chapter 62-213, 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. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. If the purpose of this application is to obtain an air operation permit or operation permit revision for one or more emissions units which have undergone construction or modification, I certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  _____ Signature 7 24 . 95 _____ Date

* Attach letter of authorization if not currently on file.

Scope of Application

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

Emissions Unit ID	Description of Emissions Unit
	This application is submitted to satisfy the requirements of the Consent Order
	between the State of Florida, Department of Environmental Protection and Dravo
	Basic Materials Company, Inc. to resolve issues regarding 40 CFR Part 60
	SubPart 000, NSPS and failure to obtain construction and operating permits.
	This Order, OGC No. 95-0776 requires submission of "after-the-fact" construction
	and operation permits (see attachment 07). Martin Marietta Materials, Inc.
	purchased the assets of Dravo Basic Materials Company, Inc. on January 3, 1995
	and is therefore submitting the application as owner and operator of this
	facility. This application is also submitted to request classification of
	this facility as a Synthetic Non-Title V Source unless this facility is
	ultimately exempted from the requirements of Title V, whereby the application
	for a Synthetic Non-Title V Source is requested to be withdrawn. This
	application covers emissions from the limestone processing equipment. See
	attached equipment list and process flow diagram for specific emission units.

Purpose of Application and Category

Check one (except as otherwise indicated):

Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

Not applicable - See cover letter

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: _____

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit to be revised: _____

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: _____

- Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: _____

Reason for revision: _____

Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C. Not Applicable - See Cover Letter

This Application for Air Permit is submitted to obtain:

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

Current operation/construction permit number(s): _____

- Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

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

Operation permit to be revised: _____

Reason for revision: _____

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units Not Applicable - See Cover Letter

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: _____

- 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: \$ _____

Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

See Scope of Application Section and General Project Description

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

Currently in operation

3. Projected Date of Completion of Construction (DD-MON-YYYY):

Currently in operation

Professional Engineer Certification

1. Professional Engineer Name: Registration Number: Not Applicable
2. Professional Engineer Mailing Address: Organization/Firm: Street Address: City: State: Zip Code:
3. Professional Engineer Telephone Numbers: Telephone: () - Fax: () -
4. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(1) To the best of my knowledge, there is reasonable assurance (a) 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; or (b) for any application for a Title V source air operation permit, 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;</i> <i>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application; and</i> <i>(3) For any application for an air construction permit for one or more proposed new or modified emissions units, 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.</i> _____ Signature Date (seal)

* Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact: W. Thomas Sellers, Jr. Operations Services Manager
2. Application Contact Mailing Address: Organization/Firm: Martin Marietta Aggregates Street Address: 120 Mallard Street, Suite 300 City: St. Rose State: LA Zip Code: 70087
3. Application Contact Telephone Numbers: Telephone: (504) 468 - 3247 Fax: (504) 468 - 3596

Application Comment

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Name, Location, and Type

1. Facility Owner or Operator: Martin Marietta Aggregates			
2. Facility Name: Perry Quarry			
3. Facility Identification Number:			[x] Unknown
4. Facility Location Information: Perry Quarry Facility Street Address: Highway 98 West, Nutall Rise Road City: Perry County: Taylor Zip Code: 32347			
5. Facility UTM Coordinates: Zone: East (km): North (km):			
6. Facility Latitude/Longitude: Latitude (DD/MM/SS): Longitude (DD/MM/SS):			
7. Governmental Facility Code: 0	8. Facility Status Code: A	9. Relocatable Facility? [] Yes [x] No	10. Facility Major Group SIC Code: 1422
11. Facility Comment:			

Facility Contact

1. Name and Title of Facility Contact: W. Thomas Sellers, Jr.			
2. Facility Contact Mailing Address: Organization/Firm: Martin Marietta Aggregates Street Address: 120 Mallard Street, Suite 300 City: St. Rose State: LA Zip Code: 70087			
3. Facility Contact Telephone Numbers: Telephone: (504) 468 - 3247 Fax: (504) 468- 3596			

Facility Regulatory Classifications

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
2. Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source? <input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Possible
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: Martin Marietta proposes to maintain monthly and annual production records to confirm that resultant processing emissions do not exceed 100 TPY TSP which is the threshold for a major source. Maintenance of these records would be a federally enforceable permit condition, thereby maintaining the Synthetic Non-Title V Source status.

B. FACILITY REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of federal, state, and local regulations applicable to the facility as a whole. (Regulations applicable to individual emissions units within the facility are addressed in Subsection III-B of the form.)

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

Not Applicable

C. FACILITY POLLUTANT INFORMATION

This subsection of the Application for Air Permit form allows for the reporting of potential and estimated emissions of selected pollutants on a facility-wide basis. It must be completed for each pollutant for which the applicant proposes to establish a facility-wide emissions cap and for each pollutant for which emissions are not reported at the emissions-unit level.

Facility Pollutant Information: Pollutant 1 of 1

1. Pollutant Emitted:		
	PM	
2. Estimated Emissions:		(tons/year)
See Emissions Calculations		10.894
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
See Emissions Calculations		10.894
4. Basis for Emissions Cap Code:		
ESCTV		
5. Facility Pollutant Comment:		
See Emissions Calculations - Attachment 06		

Facility Pollutant Information: Pollutant _____ of _____ Not Applicable

1. Pollutant Emitted:		
2. Estimated Emissions:		(tons/year)
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
4. Basis for Emissions Cap Code:		
5. Facility Pollutant Comment:		

Facility Pollutant Information: Pollutant _____ of _____ Not Applicable

1. Pollutant Emitted:		
2. Estimated Emissions:		(tons/year)
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
4. Basis for Emissions Cap Code:		
5. Facility Pollutant Comment:		

Facility Pollutant Information: Pollutant _____ of _____ Not Applicable

1. Pollutant Emitted:		
2. Estimated Emissions:		(tons/year)
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
4. Basis for Emissions Cap Code:		
5. Facility Pollutant Comment:		

D. FACILITY SUPPLEMENTAL INFORMATION

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

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: <u>01</u> [] Not Applicable [] Waiver Requested USGS Topographic Map
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: <u>02</u> [] Not Applicable [] Waiver Requested Aerial Photo
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: <u>03</u> [] Not Applicable [] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: <u>04</u> [] Not Applicable [] Waiver Requested See General Project Description
5. Fugitive Emissions Identification: <input checked="" type="checkbox"/> Attached, Document ID: <u>03</u> [] Not Applicable [] Waiver Requested See Process Flow Diagram and Equipment List
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

7. List of Insignificant Activities: <input checked="" type="checkbox"/> Attached, Document ID: <u>05</u> [] Not Applicable Petroleum Product Storage
8. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities Onsite but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable

<p>9. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>10. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>11. Enhanced Monitoring Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>12. Risk Management Plan Verification:</p> <p><input type="checkbox"/> Plan Submitted to Implementing Agency - Verification Attached, Document ID: _____</p> <p><input type="checkbox"/> Plan to be Submitted to Implementing Agency by Required Date</p> <p><input checked="" type="checkbox"/> Not Applicable</p>
<p>13. Compliance Report and Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>14. Compliance Statement (Hard-copy Required) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I 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

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

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Control Equipment

A.

1. Description:

Limestone reserves are drilled and blasted below water thus are inherently wet. Surficial drying of the surge pile occurs however the interior remains saturated surface dry, containing 10% to 15% moisture. No emissions control currently exists. Process emissions are currently minimal, however wet suppression will be installed at select plant locations by December 31, 1995. Due to the moisture content of processed material, AP-42 Table 11.19 2-2 controlled emission factors have been used.

2. Control Device or Method Code:

B.

1. Description:

Not Applicable

2. Control Device or Method Code:

C.

1. Description:

Not Applicable

2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: Not Applicable		mmBtu/hr
2. Maximum Incineration Rate: Not Applicable	lb/hr	tons/day
3. Maximum Process or Throughput Rate: 3,250,000 TPY		
4. Maximum Production Rate: 3,250,000 TPY		
5. Operating Capacity Comment: This rate is based on the below listed maximum operating schedule at a maximum production rate of 650 TPH and an 80% processing plant operating efficiency.		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:				
	20	hours/day	6	days/week
	52	weeks/year	6240	hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

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

Not Applicable

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type Not Applicable

1. Identification of Point on Plot Plan or Flow Diagram:	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit:	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:	
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 type="checkbox"/> W	
6. Stack Height:	feet
7. Exit Diameter:	feet
8. Exit Temperature:	°F
9. Actual Volumetric Flow Rate:	acfm

Emissions Unit Information Section _____ of _____

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment:	

Emissions Unit Information Section _____ of _____

D. SEGMENT (PROCESS/FUEL) INFORMATION Not Applicable

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section _____ of _____

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted: PM	
2. Total Percent Efficiency of Control: Control efficiency incorporated in emission factor.	%
3. Primary Control Device Code: Inherent moisture content of raw material 10% - 15%	
4. Secondary Control Device Code: Not Applicable	
5. Potential Emissions:	lb/hour tons/year
Not Applicable - All Emissions Fugitive	
6. Synthetically Limited? [X] Yes [] No	
7. Range of Estimated Fugitive/Other Emissions: All Emissions Fugitive [] 1 [X] 2 [] 3 _____ to _____ tons/year	
8. Emission Factor: Reference: AP-42 Table 11.19 2-2 4/10/95, Attached	
9. Emissions Method Code: [] 1 [] 2 [X] 3 [] 4 [] 5	
10. Calculation of Emissions: See attached Emissions Calculations	
11. Pollutant Potential/Estimated Emissions Comment: See Enforceable Condition Comment under Facility Regulatory Classifications, Item # 11	

Emissions Unit Information Section _____ of _____

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: ESCTV		
2. Future Effective Date of Allowable Emissions: Not Applicable		
3. Requested Allowable Emissions and Units: 10.894 TPY PM		
4. Equivalent Allowable Emissions:	lb/hour 4.357 PM	tons/year 10.894 PM
5. Method of Compliance: Monthly and Annual Production Recordkeeping		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):		

B.

1. Basis for Allowable Emissions Code: Not Applicable		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance:		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):		

Emissions Unit Information Section _____ of _____

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: Not Applicable
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment:

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: Not Applicable
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment:

G. CONTINUOUS MONITOR INFORMATION

Not Applicable

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:	
2. CMS Requirement:	[] Rule [] Other
3. Monitor Information:	
Manufacturer:	
Model Number:	Serial Number:
4. Installation Date (DD-MON-YYYY):	
5. Performance Specification Test Date (DD-MON-YYYY):	
6. Continuous Monitor Comment:	

Emissions Unit Information Section _____ of _____

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:
2. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Monitor Information: Manufacturer: Model Number: Serial Number:
4. Installation Date (DD-MON-YYYY):
5. Performance Specification Test Date (DD-MON-YYYY):
6. Continuous Monitor Comment:

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:
2. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Monitor Information: Manufacturer: Model Number: Serial Number:
4. Installation Date (DD-MON-YYYY):
5. Performance Specification Test Date (DD-MON-YYYY):
6. Continuous Monitor Comment:

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Not Applicable

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

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 _____ of _____

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 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	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2		tons/year	
5. PSD Comment:			

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Not Applicable

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section.

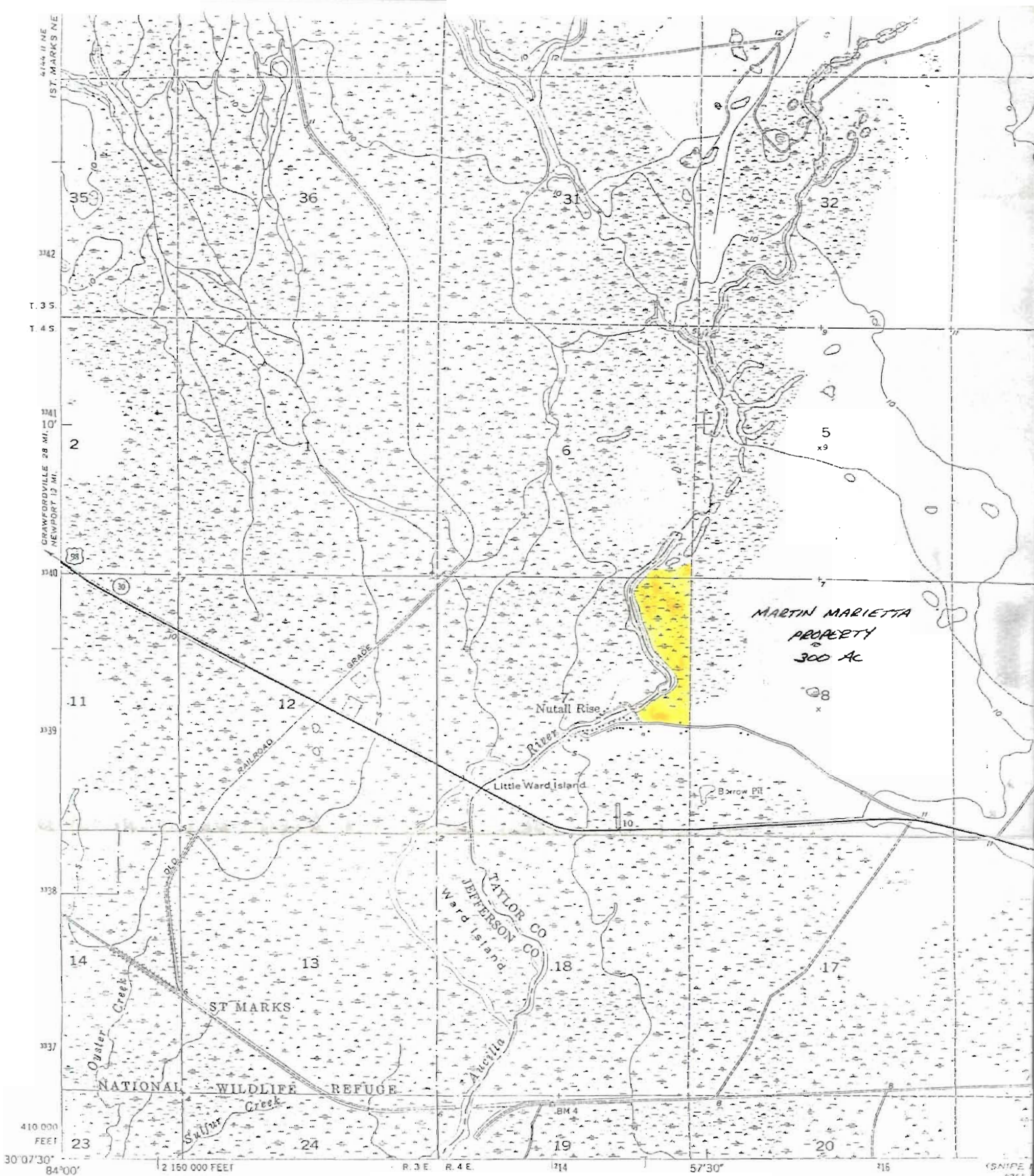
Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input 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 type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

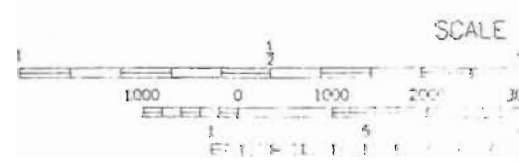
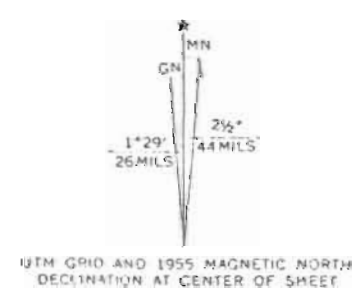
Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Not Applicable



088 ROCK-9)
4144 11 NE

Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Culture and drainage in part compiled from aerial photographs taken 1951. Topography by planetable surveys 1954-1955
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on Florida coordinate system, north zone
 Dashed land lines indicate approximate locations
 1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

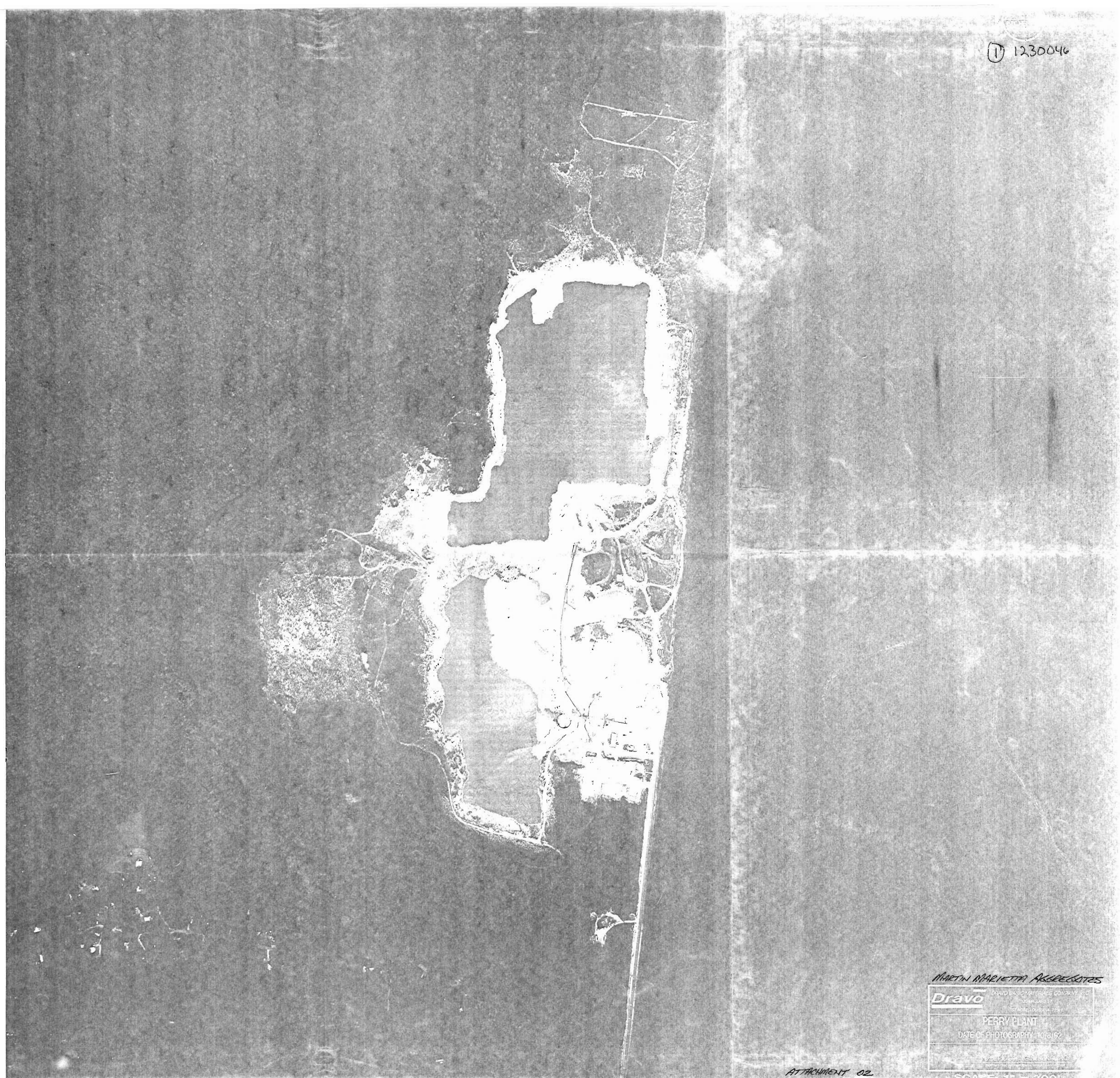


CONTOURS: 10 FT
 DATUM: 13 N

THIS MAP COMPLIES WITH NATIONAL MAP ACT
 FOR SALE BY U.S. GEOLOGICAL SURVEY
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS

MARTIN MARIETTA AGGREGATES
 PERRY QUARRY
 NUTTALL RISE 7.5' QUADRANGLE
 N3007.5 - W8352.5
 1955

① 1230046



MARTIN MARIETTA AGGREGATES
Dravo DRAGO BRICK COMPANY
PERRY PLANT
DATE OF PHOTOGRAPHY 10/8/52
SCALE 1" = 300'

ATTACHMENT 02



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 provides general information on the scope of this application, the purpose for which this application is being submitted, and the nature of any construction or modification activities proposed as a part 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 on diskette, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application


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

Martin Marietta Aggregates, Division of Martin Marietta Materials, Inc.
Chattahoochee Sand and Gravel
River Loading Road
Chattahoochee, FL 32324

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
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: R. R. Winchester - Executive Vice President	
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Martin Marietta Aggregates Street Address: 2710 Wycliff Road City: Raleigh State: NC Zip Code: 27607	
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (918) 781 - 4550 Fax: (919) 783 - 4695	
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* of the facility (non-Title V source) addressed in this Application for Air Permit or the responsible official, as defined in Chapter 62-213, 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. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. If the purpose of this application is to obtain an air operation permit or operation permit revision for one or more emissions units which have undergone construction or modification, I certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>	
Signature 	Date <u>7. 29. 95</u>

* Attach letter of authorization if not currently on file.

Scope of Application

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

Emissions Unit ID	Description of Emissions Unit
	This application is submitted to satisfy the requirements of the Consent
	Order between the State of Florida, Department of Environmental Protection
	and Dravo Basic Materials Company, Inc. to resolve issues regarding 40 CFR
	Part 60 SubPart 000, NSPS and failure to obtain construction and operating
	permits. This Order, OGC No. 95-0776 requires submission of "After-the-Fact"
	construction and operation permits (see attachment 07). Martin Marietta
	Materials, Inc. purchased the assets of Dravo Basic Materials Company, Inc.
	on January 3, 1995, and is therefore submitting the application as owner
	and operator of this facility. This application is also submitted to
	request classification of this facility as a Synthetic Non-Title V source
	unless this facility is ultimately exempted from the requirements of Title
	V, whereby the application for a Synthetic Non-Title V Source is requested
	to be withdrawn. This application covers emissions from the limestone
	processing equipment. See attached equipment list and process flow
	diagram for specific emission units.

Purpose of Application and Category

Check one (except as otherwise indicated):

Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C. Not Applicable - See Cover Letter

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: _____

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit to be revised: _____

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: _____

- Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: _____

Reason for revision: _____

Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C. Not Applicable - See Cover Letter

This Application for Air Permit is submitted to obtain:

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

Current operation/construction permit number(s): _____

- Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

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

Operation permit to be revised: _____

Reason for revision: _____

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units Not Applicable - See Cover Letter

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: _____

- 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: \$ _____ Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

See Scope of Application Section and General Project Description

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

Currently in operation

3. Projected Date of Completion of Construction (DD-MON-YYYY):

Currently in operation

Professional Engineer Certification

1. Professional Engineer Name: Registration Number: Not Applicable
2. Professional Engineer Mailing Address: Organization/Firm: Street Address: City: State: Zip Code:
3. Professional Engineer Telephone Numbers: Telephone: () - Fax: () -
4. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(1) To the best of my knowledge, there is reasonable assurance (a) 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; or (b) for any application for a Title V source air operation permit, 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;</i> <i>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application; and</i> <i>(3) For any application for an air construction permit for one or more proposed new or modified emissions units, 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.</i> _____ Signature Date (seal)

* Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact: W. Thomas Sellers, Jr. Operations Services Manager
2. Application Contact Mailing Address: Organization/Firm: Martin Marietta Aggregates Street Address: 120 Mallard Street, Suite 300 City: St. Rose State: LA Zip Code: 70087
3. Application Contact Telephone Numbers: Telephone: (504) 468 - 3247 Fax: (504) 468 - 3596

Application Comment

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Name, Location, and Type

1. Facility Owner or Operator: Martin Marietta Aggregates			
2. Facility Name: Chattahoochee Sand and Gravel			
3. Facility Identification Number:			[x] Unknown
4. Facility Location Information: Chattahoochee Sand and Gravel Facility Street Address: River Road Landing City: Chattahoochee County: Gadsden Zip Code: 32324			
5. Facility UTM Coordinates: Zone: East (km): North (km):			
6. Facility Latitude/Longitude: Latitude (DD/MM/SS): Longitude (DD/MM/SS):			
7. Governmental Facility Code: 0	8. Facility Status Code: A	9. Relocatable Facility? [] Yes [x] No	10. Facility Major Group SIC Code: 1442
11. Facility Comment:			

Facility Contact

1. Name and Title of Facility Contact: W. Thomas Sellers, Jr.			
2. Facility Contact Mailing Address: Organization/Firm: Martin Marietta Aggregates Street Address: 120 Mallard Street, Suite 300 City: St. Rose State: LA Zip Code: 70087			
3. Facility Contact Telephone Numbers: Telephone: (504) 468 - 3247 Fax: (504) 468 - 3596			

Facility Regulatory Classifications

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
2. Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source? <input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Possible
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: Martin Marietta proposes to maintain monthly and annual production records to confirm that resultant processing emissions do not exceed 100 TPY TSP which is the threshold for a major source. Maintenance of these records would be a federally enforceable permit condition, thereby maintaining the Synthetic Non-Title V Source status.

B. FACILITY REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of federal, state, and local regulations applicable to the facility as a whole. (Regulations applicable to individual emissions units within the facility are addressed in Subsection III-B of the form.)

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

Not Applicable

C. FACILITY POLLUTANT INFORMATION

This subsection of the Application for Air Permit form allows for the reporting of potential and estimated emissions of selected pollutants on a facility-wide basis. It must be completed for each pollutant for which the applicant proposes to establish a facility-wide emissions cap and for each pollutant for which emissions are not reported at the emissions-unit level.

Facility Pollutant Information: Pollutant _____ of _____

1. Pollutant Emitted:		
PM		
2. Estimated Emissions:		(tons/year)
See Emission Calculations		2.758
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
See Emission Calculations		2.758
4. Basis for Emissions Cap Code:		
ESCTV		
5. Facility Pollutant Comment:		
See Emission Calculations - Attachment 06		

Facility Pollutant Information: Pollutant _____ of _____ Not Applicable

1. Pollutant Emitted:		
2. Estimated Emissions:		(tons/year)
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
4. Basis for Emissions Cap Code:		
5. Facility Pollutant Comment:		

Facility Pollutant Information: Pollutant _____ of _____ Not Applicable

1. Pollutant Emitted:		
2. Estimated Emissions:		(tons/year)
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
4. Basis for Emissions Cap Code:		
5. Facility Pollutant Comment:		

Facility Pollutant Information: Pollutant _____ of _____ Not Applicable

1. Pollutant Emitted:		
2. Estimated Emissions:		(tons/year)
3. Requested Emissions Cap:	(lb/hour)	(tons/year)
4. Basis for Emissions Cap Code:		
5. Facility Pollutant Comment:		

D. FACILITY SUPPLEMENTAL INFORMATION

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

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: <u>01</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested USGS Topographic Map
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: <u>02</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: <u>03</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: <u>04</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested See General Project Description
5. Fugitive Emissions Identification: <input checked="" type="checkbox"/> Attached, Document ID: <u>03</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested See Process Flow Diagram and Equipment List.
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

7. List of Insignificant Activities: <input checked="" type="checkbox"/> Attached, Document ID: <u>05</u> <input type="checkbox"/> Not Applicable Petroleum Product Storage
8. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities Onsite but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable

<p>9. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>10. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>11. Enhanced Monitoring Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>12. Risk Management Plan Verification:</p> <p><input type="checkbox"/> Plan Submitted to Implementing Agency - Verification Attached, Document ID: _____</p> <p><input type="checkbox"/> Plan to be Submitted to Implementing Agency by Required Date</p> <p><input checked="" type="checkbox"/> Not Applicable</p>
<p>13. Compliance Report and Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>
<p>14. Compliance Statement (Hard-copy Required) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable</p>

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through I 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

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

Type of Emissions Unit Addressed in This Section

Check one:

- This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.
- This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Description and Status

<p>1. Description of Emissions Unit Addressed in This Section:</p> <p>PM emissions are a result of sand and gravel processing. S & G reserves are dredged from the river, placed on barges and towed to the processing plant site. Material is unloaded from the barges with a clam shell and placed in a surge pile. The processing plant is fed from the surge pile with an endloader. All material is processed in a water medium with the exception of oversize gravel and specific gravel products requiring crushing.</p>		
<p>2. ARMS Identification Number: [] No Corresponding ID [x] Unknown</p>		
<p>3. Emissions Unit Status Code: A</p>	<p>4. Acid Rain Unit? [] Yes [x] No</p>	<p>5. Emissions Unit Major Group SIC Code: 1442</p>
<p>6. Initial Startup Date (DD-MON-YYYY): Currently Operating</p>		
<p>7. Long-term Reserve Shutdown Date (DD-MON-YYYY): Not Applicable</p>		
<p>8. Package Unit: Not Applicable Manufacturer: _____ Model Number: _____</p>		
<p>9. Generator Nameplate Rating: _____ MW Not Applicable</p>		
<p>10. Incinerator Information: Not Applicable Dwell Temperature: _____ °F Dwell Time: _____ seconds Incinerator Afterburner Temperature: _____ °F</p>		
<p>11. Emissions Unit Comment: None</p>		

Emissions Unit Control Equipment

A.

1. Description:

River dredged materials when placed in the surge pile at the processing plant are saturated surface dry, containing 10% to 15% moisture. All initial processing occurs in a water medium thus emissions from this process section are non-existent. Processing and crushing of oversize gravel and specific gravel products presently has no emission control equipment. Wet suppression control equipment will be installed on the gravel processing section by December 31, 1995. Due to the moisture content of processed material, AP-42 Table 11.19, 2-2 controlled emission factors have been used.

2. Control Device or Method Code:

B.

1. Description:

Not Applicable

2. Control Device or Method Code:

C.

1. Description:

Not Applicable

2. Control Device or Method Code:

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: Not Applicable		mmBtu/hr
2. Maximum Incineration Rate: Not Applicable	lb/hr	tons/day
3. Maximum Process or Throughput Rate: 1,000,000 TPY		
4. Maximum Production Rate: 1,000,000 TPY		
5. Operating Capacity Comment: This rate is based on the below listed maximum operating schedule at a maximum production rate of 250 TPH and an 85% processing plant operating efficiency.		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
16	hours/day	52 days/week
6	weeks/year	4992 hours/year

B. EMISSIONS UNIT REGULATIONS

Depending on the application category, this subsection of the Application for Air Permit form provides either a brief analysis or detailed listing of all federal, state, and local regulations applicable to the emissions unit addressed in this Emissions Unit Information Section.

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

Not Applicable

C. EMISSION POINT (STACK/VENT) INFORMATION

This subsection of the Application for Air Permit form provides information about the emission point associated with the emissions unit addressed in this Emissions Unit Information Section. An emission point is typically a stack or vent but can be any identifiable location at which air pollutants, including fugitive emissions, are discharged into the atmosphere.

Emission Point Description and Type Not Applicable

1. Identification of Point on Plot Plan or Flow Diagram:	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit:	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:	
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 type="checkbox"/> W	
6. Stack Height:	feet
7. Exit Diameter:	feet
8. Exit Temperature:	°F
9. Actual Volumetric Flow Rate:	acfm

Emissions Unit Information Section _____ of _____

10. Percent Water Vapor :	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):	
14. Emission Point Comment:	

D. SEGMENT (PROCESS/FUEL) INFORMATION Not Applicable

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of segment data (Fields 1-10) must be completed for each segment required to be reported and for each alternative operating method or mode (emissions trading scenario) under Chapter 62-213, F.A.C., for which the maximum hourly or annual segment-related rate would vary. A segment is a material handling, process, fuel burning, volatile organic liquid storage, production, or other such operation to which emissions of the unit are directly related. See instructions for further details on this subsection of the Application for Air Permit.

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

Emissions Unit Information Section _____ of _____

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment:	

E. POLLUTANT INFORMATION

For the emissions unit addressed in this Emissions Unit Information Section, a separate set of pollutant information must be completed for each pollutant required to be reported. See instructions for further details on this subsection of the Application for Air Permit.

Pollutant Potential/Estimated Emissions: Pollutant _____ of _____

1. Pollutant Emitted: PM
2. Total Percent Efficiency of Control: _____ % Control Efficiency Incorporated in emission factor
3. Primary Control Device Code: Water medium processing and inherent moisture content
4. Secondary Control Device Code: Not Applicable
5. Potential Emissions: _____ lb/hour _____ tons/year Not Applicable - all emissions fugitive
6. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No
7. Range of Estimated Fugitive/Other Emissions: All emissions fugitive <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/year
8. Emission Factor: Reference: AP-42 Table 11.19 2-2 4/10/95; attached
9. Emissions Method Code: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
10. Calculation of Emissions: See attached emission calculations
11. Pollutant Potential/Estimated Emissions Comment: See enforceable condition comment under Facility Regulatory Classifications, item # 11

Emissions Unit Information Section _____ of _____

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code: ESCTV		
2. Future Effective Date of Allowable Emissions: Not Applicable		
3. Requested Allowable Emissions and Units: 2.758 TPY PM		
4. Equivalent Allowable Emissions:	lb/hour 1.379 PM	tons/year 2.758 PM
5. Method of Compliance: Monthly and annual production recordkeeping		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):		

B.

1. Basis for Allowable Emissions Code: Not Applicable		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance:		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode):		

F. VISIBLE EMISSIONS INFORMATION

This subsection of the Application for Air Permit form must be completed for only those emissions units which are subject to a visible emissions limitation. The intent of this subsection of the form is to identify each activity associated with the emissions unit addressed in this section for which a separate opacity limitation would be applicable. Visible emission subtype codes for each such activity are listed in the instructions for Field 1. Most emissions units will be subject to a "subtype VE" limit only.

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: VEF NSPS Processing Equipment Only	
2. Basis for Allowable Opacity:	[X] Rule [] Other
3. Requested Allowable Opacity:	Normal Conditions: 10.15 % Exceptional Conditions: 50 % Maximum Period of Excess Opacity Allowed: 6 min/hour
4. Method of Compliance: Onetime VE testing required by 40 CFR Part 60 SubPart 000. VE testing will be performed by Dravo Basic Materials Company, Inc. as per the purchase agreement.	
5. Visible Emissions Comment: Opacity limits stated above apply to NSPS processing equipment. Maximum opacity for NSPS crushers is 15% and for other NSPS equipment 10%.	

Emissions Unit Information Section _____ of _____

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: Not Applicable
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment:

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: Not Applicable
2. Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:
5. Visible Emissions Comment:

G. CONTINUOUS MONITOR INFORMATION

Not Applicable

This subsection of the Application for Air Permit form must be completed for only those emissions units which are required by rule or permit to install and operate one or more continuous emission, opacity, flow, or other type monitors. A separate set of continuous monitor information (Fields 1-6) must be completed for each monitoring system required.

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:
2. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Monitor Information: Manufacturer: _____ Model Number: _____ Serial Number: _____
4. Installation Date (DD-MON-YYYY):
5. Performance Specification Test Date (DD-MON-YYYY):
6. Continuous Monitor Comment:

Emissions Unit Information Section _____ of _____

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:
2. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Monitor Information: Manufacturer: _____ Model Number: _____ Serial Number: _____
4. Installation Date (DD-MON-YYYY):
5. Performance Specification Test Date (DD-MON-YYYY):
6. Continuous Monitor Comment:

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:
2. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Monitor Information: Manufacturer: _____ Model Number: _____ Serial Number: _____
4. Installation Date (DD-MON-YYYY):
5. Performance Specification Test Date (DD-MON-YYYY):
6. Continuous Monitor Comment:

H. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT TRACKING INFORMATION

Not Applicable

This subsection of the Application for Air Permit form must be completed for all applications, not just those undergoing prevention-of-significant-deterioration (PSD) review pursuant to Rule 62-212.400, F.A.C. The intent of this subsection is to make a preliminary determination as to whether the emissions unit addressed in this Emissions Unit Information Section consumes PSD increment. PSD increment is consumed (or expanded) as a result of emission increases (decreases) occurring after pollutant-specific baseline dates. Pollutants for which baseline dates have been established are sulfur dioxide, particulate matter, and nitrogen dioxide.

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 _____ of _____

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 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	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2		tons/year	
5. PSD Comment:			

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Not Applicable

This subsection of the Application for Air Permit form provides supplemental information related to the emissions unit addressed in this Emissions Unit Information Section.

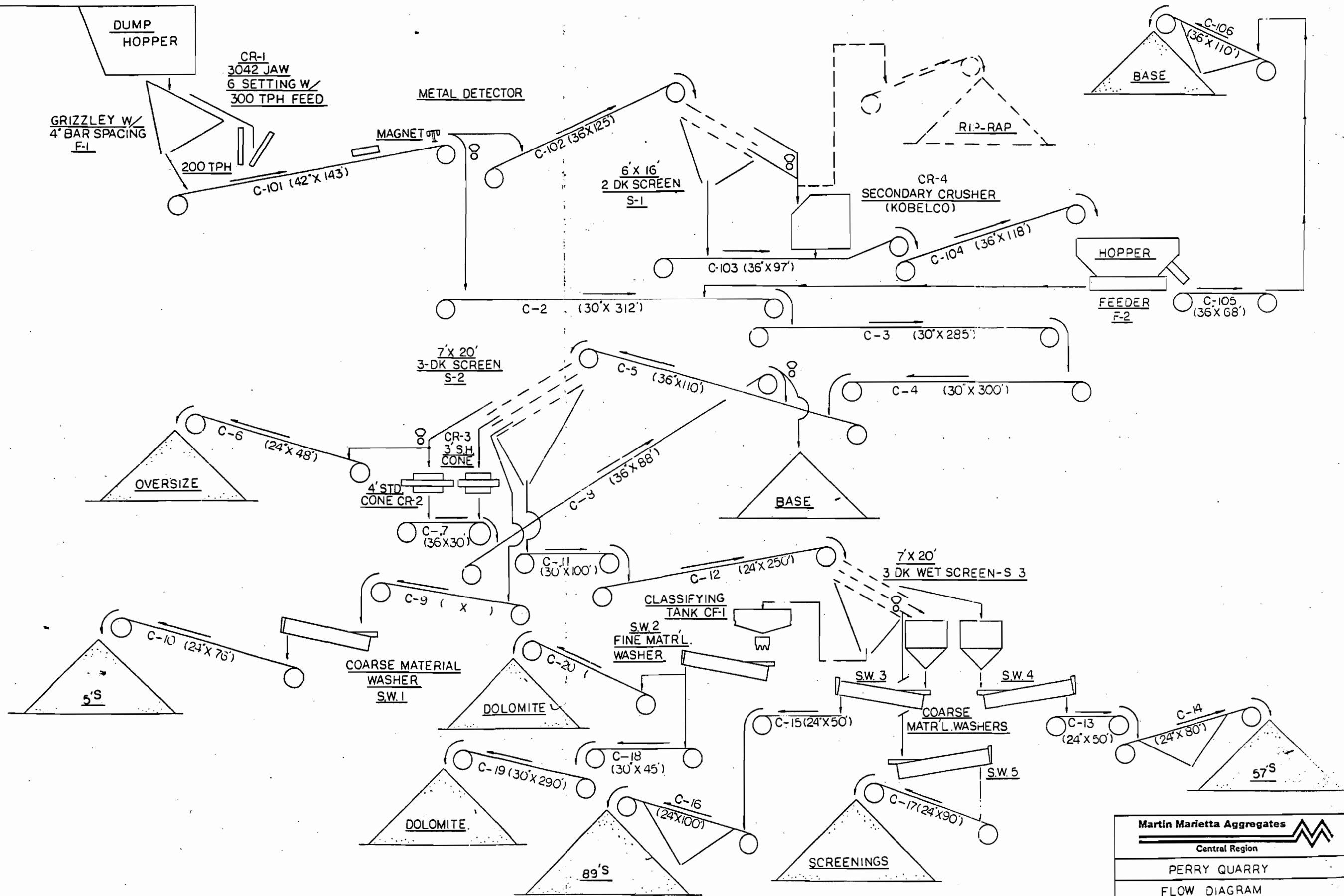
Supplemental information must be submitted as an attachment to each copy of the form, in hard-copy or computer-readable form.

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input 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 type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
12. Enhanced Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Not Applicable



Martin Marietta Aggregates
 Central Region
 PERRY QUARRY
 FLOW DIAGRAM

DESIGNED BY	DATE	DRAWING NO.	SHT
DRAWN BY	6/7/95	046-025-100-2	1
REVISION	DESCRIPTION	SCALE	NONE

FACILITY: Perry
 LOCATION: Florida
 INVENTORY DATE: 6/95

NSPS APPLIES *
 NSPS SATISFIED **

C = conveyors CF = classifiers S = screens CR = crushers F = feeders SW = screw washer P = pumps

Item #	Description	Manufacturer	Serial #	Manufactured Date	
C - 101	42" x 143'	Dravo	Unknown	1985 (Modified.1994)	*
C - 102	36" x 125'	Dravo	Unknown	1985 (Modified.1994)	*
C - 103	36" x 97'	Dravo	Unknown	1985 (Modified.1994)	*
C - 104	36" x 118'	Dravo	Unknown	1985 (Modified.1994)	*
C - 105	36" x 68'	Dravo	Unknown	1985 (Modified.1994)	*
C - 106	36" x 110'	Dravo	Unknown	1985 (Modified.1994)	*
C - 2	30" x 312'	Dravo	Unknown	Prior To 1987	*
C - 3	30" x 285'	Dravo	Unknown	Prior To 1987	*
C - 4	30" x 300'	Dravo	Unknown	Prior To 1987	*
C - 5	36" x 110'	Dravo	Unknown	Prior To 1987	*
C - 6	24" x 48'	Dravo	Unknown	Prior To 1987	*
C - 7	36" x 30'	Dravo	Unknown	Prior To 1987	*
C - 8	36" x 88'	Dravo	Unknown	Prior To 1987	*
C - 9	24" x 52'	Dravo	Unknown	Prior To 1987	*
C - 10	24" x 76'	Dravo	Unknown	Prior To 1987	*
C - 11	30" x 100'	Dravo	Unknown	Prior To 1987	*
C - 12	24" x 250'	Dravo	Unknown	Prior To 1987	*
C - 13	24" x 50'	Dravo	Unknown	Prior To 1987	*
C - 14	24" x 80'	Dravo	Unknown	Prior To 1987	*
C - 15	24" x 50'	Dravo	Unknown	Prior To 1987	*
C - 16	24" x 100'	Dravo	Unknown	Prior To 1987	*
C - 17	24" x 90'	Dravo	Unknown	Prior To 1987	*
C - 18	30" x 45'	Dravo	Unknown	Prior To 1987	*
C - 19	30" x 290'	Dravo	Unknown	Prior To 1987	*
S - 1	6' x 16' (2 deck)	Hewitt Robins	25786	Prior To 1987	*
S - 2	7' x 20' (3 deck)	Seco	XL-110	1973	
S - 3	7' x 20' (3 deck)	Seco	Unknown	1973	
S - 4	5' x 10' (spares)	Diester	Unknown	Prior To 1987	*
S - 5	5' x 10' (spares)	Diester	Unknown	Prior To 1987	*
CR - 1	30" x 42" Jaw	Telsmith	6722	1960	
CR - 2	4' Standard Cone	Telsmith	7284	1961	
CR - 3	3' Short Head Cone	Symons	3357	1939	
CR - 4	Impactor (1315)	Kobelco	11-3332	1990	*
F - 1	48" x 16' Vibrating Grizzly	Telsmith	5246	Prior To 1987	*
F - 2	46" x 16' Vibrating Grizzly	Armadillo	Unknown	1990	*
CF - 1	12' x 48' Thrift	Eagle	11004	1978	
SW - 1	36" x 25' Fine Material Screw	Producers Supply	3625SW220	1990	*
SW - 2	44" x 32' Fine Material Screw	Eagle	11005	1978	
SW - 3	44" x 32' Fine Material Screw	Dravo	Unknown	1992	*
SW - 4	44" x 32' Fine Material Screw	Dravo	Unknown	1992	*
SW - 5	36" x 25' Fine Material Screw	Producers Supply	3625SW221	1990	*
P - 1	8" x 6" x 17"	Allis - Chalmers	Unknown	Prior To 1987	*

GENERAL PROJECT DESCRIPTION PERRY QUARRY

The Perry Quarry provides crushed and graded limestone for the construction industry. After overburden is removed, limestone is drilled and blasted below water. Material is then excavated with a dragline and placed in a surge pile. From the surge pile, material is loaded into three 35 ton haul trucks with an end-loader and transported to the processing plant. The processing equipment consists of crushers, screens, bins and conveyors as described in detail on the flow diagram and emission calculations.

As the material is mined below water, material processed through the plant contains approximately 10% to 15% moisture resulting in minimal process emissions. No additional suppression is currently utilized. Plans are to install wet suppression at select process locations by December 31, 1995. Due to the inherent moisture content of the processed material, AP-42 Table 11.19 2-2 Controlled Emission Factors have been used.

Based on an annual production limit of 3,250,000 tons per year (TPY) the resultant TSP emissions would be 10.894 TPY and 4.357 pounds per hour. Emission calculations are also included showing the effect on annual production should total TSP emissions be increased to 80 TPY. As can be seen, emissions from annual production of 3,250,000 TPY is approximately 10% of the 100 TPY threshold for a major source. For this reason a Synthetic Non-Title V source classification is requested. Should this facility be exempt from the requirements of Title V we request that the application be withdrawn.

Regarding New-Source Performance Standards (NSPS), Dravo Basic Materials Company, Inc. will be responsible for satisfying all NSPS requirements, including visible emission testing. Dravo Basic Materials has retained Resource Consultants, Inc. based in Brentwood, Tennessee to handle the NSPS issues. Your agency will be provided the schedule and testing protocol prior to the VE testing and will receive a copy of the final VE test report when completed.

INSIGNIFICANT ACTIVITY

PERRY QUARRY

PETROLEUM PRODUCT STORAGE

One 10,000 Gallon Diesel AG Tank
One 5,000 Gallon Diesel AG Tank
One 1,000 Gallon Diesel AG Tank
One 500 Gallon Used Oil AG Tank

PERRY QUARRY

Revised: 06/20/95

Emission Factors:(lb/ton)

Crushing
Conveying
Screening

PM-10 (a)	TSP (b)
Controlled	Controlled
0.000590	0.00124
0.000048	0.00010
0.000840	0.00176

ATTACHMENT 06

ID #	CRUSHERS	1994 Emissions		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr) (c)	(ton/yr)	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
CR1	30" x 42" Jaw	553	2,765,000	0.326	0.816	0.686	1.714
CR2	4' STD Cone	162	810,000	0.096	0.239	0.201	0.502
CR3	3' SH Cone	163	815,000	0.096	0.240	0.202	0.505
Total:				0.518	1.295	1.089	2.722

ID #	CONVEYORS	1994 Emissions		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr) (c)	(ton/yr)	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
C101	42" Conv. C101	650	3,250,000	0.031	0.078	0.065	0.163
C2	30" Conv. C2	650	3,250,000	0.031	0.078	0.065	0.163
C3	30" Conv. C3	650	3,250,000	0.031	0.078	0.065	0.163
C4	30" Conv. C4	650	3,250,000	0.031	0.078	0.065	0.163
C5	36" Conv. C5	932	4,660,000	0.045	0.112	0.093	0.233
C6	24" Conv. C6	7	35,000	0.000	0.001	0.001	0.002
C7	36" Conv. C7	325	1,625,000	0.016	0.039	0.033	0.081
C8	36" Conv. C8	325	1,625,000	0.016	0.039	0.033	0.081
C9	24" Conv. C9	42	210,000	0.002	0.005	0.004	0.011
C10	24" Conv. C10	42	210,000	0.002	0.005	0.004	0.011
C11	30" Conv. C11	558	2,790,000	0.027	0.067	0.056	0.140
C12	24" Conv. C12	558	2,790,000	0.027	0.067	0.056	0.140
C13	24" Conv. C13	144	720,000	0.007	0.017	0.014	0.036
C14	24" Conv. C14	144	720,000	0.007	0.017	0.014	0.036
C15	24" Conv. C15	194	970,000	0.009	0.023	0.019	0.049
C16	24" Conv. C16	194	970,000	0.009	0.023	0.019	0.049
C17	24" Conv. C17	23	115,000	0.001	0.003	0.002	0.006
C18	30" Conv. C18	178	890,000	0.009	0.021	0.018	0.045
C19	30" Conv. C19	178	890,000	0.009	0.021	0.018	0.045
C20	36" Conv. C20	19	95,000	0.001	0.002	0.002	0.005
Total:				0.310	0.776	0.646	1.616

(d)

ID #	SCREENS	1994 Emissions		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr) (c)	(ton/yr)	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
S2	7' x 20' - 3D Screen S-2	932	4,660,000	0.783	1.957	1.640	4.101
S3	7' x 20' - 3D Screen S-3	558	2,790,000	0.469	1.172	0.982	2.455
Total:				1.252	3.129	2.622	6.556

(d)

SUMMARY	PM-10 EMISSIONS		TSP EMISSIONS	
	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
Crushing	0.518	1.295	1.089	2.722
Conveying	0.310	0.776	0.646	1.616
Screening	1.252	3.129	2.622	6.556
Total:	2.080	5.200	4.357	10.894

Notes:

- (a) - PM-10 Emission factors were obtained from AP-42, Table 11.19.2-2, using the "controlled" factors.
- (b) - TSP Factors = PM-10 factors x 2.1 (see Note c, AP-42, Table 11.19.2-2).
- (c) - 1994 Emission Rates based on assumption that the plant operated at an estimated production rate of 650 TPH.
- (d) - Tonages for these items include recirculating load.

PERRY QUARRY

Revised: 06/20/95

Emission Factors:(lb/ton)

Crushing
Conveying
Screening

PM-10 (a)	TSP (b)
Controlled	Controlled
0.000590	0.00124
0.000048	0.00010
0.000840	0.00176

ID #	CRUSHERS	Potential Emissions (c)		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr)	(ton/yr)	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
CR1	30" x 42" Jaw	553	20,304,755	0.326	5.990	0.686	12.589
CR2	4' STD Cone	162	5,948,228	0.096	1.755	0.201	3.688
CR3	3' SH Cone	163	5,984,946	0.096	1.766	0.202	3.711
Total:				0.518	9.510	1.089	19.988

ID #	CONVEYORS	Potential Emissions (c)		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr)	(ton/yr)	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
C101	42" Conv. C101	650	23,866,348	0.031	0.573	0.065	1.193
C2	30" Conv. C2	650	23,866,348	0.031	0.573	0.065	1.193
C3	30" Conv. C3	650	23,866,348	0.031	0.573	0.065	1.193
C4	30" Conv. C4	650	23,866,348	0.031	0.573	0.065	1.193
C5	36" Conv. C5	932	34,220,672	0.045	0.821	0.093	1.711
C6	24" Conv. C6	7	257,022	0.000	0.006	0.001	0.013
C7	36" Conv. C7	325	11,933,174	0.016	0.286	0.033	0.597
C8	36" Conv. C8	325	11,933,174	0.016	0.286	0.033	0.597
C9	24" Conv. C9	42	1,542,133	0.002	0.037	0.004	0.077
C10	24" Conv. C10	42	1,542,133	0.002	0.037	0.004	0.077
C11	30" Conv. C11	558	20,488,342	0.027	0.492	0.056	1.024
C12	24" Conv. C12	558	20,488,342	0.027	0.492	0.056	1.024
C13	24" Conv. C13	144	5,287,314	0.007	0.127	0.014	0.264
C14	24" Conv. C14	144	5,287,314	0.007	0.127	0.014	0.264
C15	24" Conv. C15	194	7,123,187	0.009	0.171	0.019	0.356
C16	24" Conv. C16	194	7,123,187	0.009	0.171	0.019	0.356
C17	24" Conv. C17	23	844,502	0.001	0.020	0.002	0.042
C18	30" Conv. C18	178	6,535,708	0.009	0.157	0.018	0.327
C19	30" Conv. C19	178	6,535,708	0.009	0.157	0.018	0.327
C20	36" Conv. C20	19	697,632	0.001	0.017	0.002	0.035
Total:				0.310	5.695	0.646	11.865

(d)

ID #	SCREENS	Potential Emissions (c)		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr)	(ton/yr)	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
S2	7' x 20' - 3D Screen S-2	932	34,220,672	0.783	14.373	1.640	30.114
S3	7' x 20' - 3D Screen S-3	558	20,488,342	0.469	8.605	0.982	18.030
Total:				1.252	22.978	2.622	48.144

(d)

SUMMARY	PM-10 EMISSIONS		TSP EMISSIONS	
	(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
Crushing	0.518	9.510	1.089	19.988
Conveying	0.310	5.695	0.646	11.865
Screening	1.252	22.978	2.622	48.144
Total:	2.080	38.183	4.357	79.997

Notes:

- (a) - PM-10 Emission factors were obtained from AP-42, Table 11.19.2-2, using the "controlled" factors.
- (b) - TSP Factors = PM-10 factors x 2.1 (see Note c, AP-42, Table 11.19.2-2).
- (c) - Potential Emissions based on the production of 80 tons/yr TSP. The plant is incapable of meeting this production.
- (d) - Tonages for these items include recirculating load.

Table 11.19.2-2 (English Units).
EMISSION FACTORS FOR CRUSHED STONE PROCESSING OPERATIONS*

Source ^b	Total Particulate Matter	EMISSION FACTOR RATING	Total PM-10 ^c	EMISSION FACTOR RATING
Screening (SCC 3-05-020-02,-03)	•	NA	0.015 ^d	C
Screening (controlled) (SCC 3-05-020-02-03)	•	NA	0.00084 ^d	C
Primary crushing (SCC 3-05-020-01)	0.00070 ^f	E	ND ^e	NA
Secondary crushing (SCC 3-05-020-02)	ND	NA	ND ^e	NA
Tertiary crushing (SCC 3-05-020-03)	•	NA	0.0024 ^h	C
Primary crushing (controlled) (SCC 3-05-020-01)	ND	NA	ND ^e	NA
Secondary crushing (controlled) (SCC 3-05-020-02)	ND	NA	ND ^e	NA
Tertiary crushing (controlled) (SCC 3-05-020-03)	•	NA	0.00059 ^h	C
Fines crushing ^g (SCC 3-05-020-05)	•	NA	0.015	E
Fines crushing (controlled) ^g (SCC 3-05-020-05)	•	NA	0.0020	E
Fines screening ^g (SCC 3-05-020-21)	•	NA	0.071	E
Fines screening (controlled) ^g (SCC 3-05-020-21)	•	NA	0.0021	E
Conveyor transfer point ^g (SCC 3-05-020-06)	•	NA	0.0014	D
Conveyor transfer point (controlled) ^g (SCC 3-05-020-06)	•	NA	4.8x10 ⁻⁵	D
Wet drilling: unfragmented stone ^g (SCC 3-05-020-10)	ND	NA	8.0x10 ⁻⁵	E
Truck unloading: fragmented stone ^g (SCC 3-05-020-31)	ND	NA	1.6x10 ⁻⁵	E
Truck loading—conveyor: crushed stone ^g (SCC 3-05-020-32)	ND	NA	0.00010	E

*Emission factors represent uncontrolled emissions unless noted. Emission factors in lb/ton of material throughput. SCC = Source Classification Code. ND = no data. NA = not available.

^bControlled sources (with wet suppression) are those that are part of the processing plant that employs current wet suppression technology similar to the study group. The moisture content of the study group without wet suppression systems operating (uncontrolled) ranged from 0.21 to 1.3 percent and the same facilities operating wet suppression systems (controlled) ranged from 0.55 to 2.88 percent. Due to carry over or the small amount of moisture required, it has been shown that each source, with the exception of crushers, does not need to employ direct water sprays. Although the moisture content was the only variable measured, other process features may have as much influence on emissions from a given source. Visual observations from each source under normal operating conditions are probably the best indicator of which emission factor is most appropriate. Plants that employ sub-standard control measures as indicated by visual observations should use the uncontrolled factor with an appropriate control efficiency that best reflects the effectiveness of the controls employed.

^cAlthough total suspended particulate (TSP) is not a measurable property from a process, some States may require estimates of TSP emissions. No data are available to make these estimates. However, relative ratios in AP-42 Sections 13.2.2 and 13.2.4 indicate that TSP emission factors may be estimated by multiplying PM-10 by 2.1.

^dEmission factors for total particulate are not presented pending a re-evaluation of the EPA Method 201a test data and/or results of emission testing. This re-evaluation is expected to be completed by July 1995.

^eReferences 9, 11, 15-16.

^fReference 1.

^gNo data available, but emission factors for PM-10 emission factors for tertiary crushing can be used as an upper limit for primary or secondary crushing.

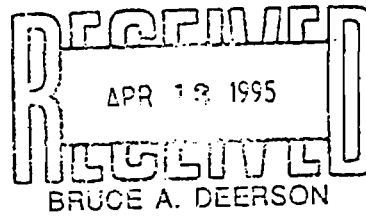
^hReferences 10-11, 15-16.

ⁱReferences 13-14.

^jReference 4.

^kReference 12.

^lReference 3.



JAMES J. PUHALA
Vice President
General Counsel & Secretary

cc: Youse
Horace W
Tom Sellers

April 11, 1995

Bruce A. Deerson, Esq.
Martin Marietta Materials
2710 Wycliff Road
Raleigh, NC 27607

RE: Florida NSPS Consent Order

Dear Bruce:

Enclosed for your information is the form of Consent Order between the Florida mining companies and the state Department of Environmental Protection. We will execute the Order and pay the appropriate costs.

I understand that John Major has been in touch with Martin Marietta's environmental personnel about the permit application. The application should clearly be in the name of Martin Marietta and your plant and engineering personnel will have to have a major role in preparing the application.

Very truly yours,

JJP/eet

Enclosure

cc: J. R. Major (w/attachments)

CARLTON, FIELDS, WARD, EMMANUEL, SMITH & CUTLER, P. A.

ATTORNEYS AT LAW

ONE HARBOUR PLACE P.O. BOX 3239 TAMPA, FLORIDA 33601 (813) 223-7000 FAX (813) 229-4133	FIRSTSTATE TOWER P.O. BOX 1171 ORLANDO, FLORIDA 32802 (407) 849-0300 FAX (407) 648-9099	HARBOURVIEW BUILDING P.O. BOX 12426 PENSACOLA, FLORIDA 32587 (904) 434-0142 FAX (904) 434-5366	FIRST FLORIDA BANK BUILDING P.O. DRAWER 190 TALLAHASSEE, FLORIDA 32302 (904) 224-1585 FAX (904) 222-0398	ESPERANTE P.O. BOX 150 WEST PALM BEACH, FLORIDA 33402 (407) 659-7070 FAX (407) 659-7368	BARNETT TOWER P.O. BOX 2861 ST. PETERSBURG, FLORIDA 33731 (813) 821-7000 FAX (813) 822-3768
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VIA FEDERAL EXPRESS

PLEASE REPLY TO :
Tallahassee

April 7, 1995

M E M O R A N D U M

TO: James Puhala
Dravo Basic Materials Company, Inc.

FROM: Jake Varn *JAKE*

RE: Consent Order/DEP

We have finalized the Consent Order between the mining companies and the Florida Department of Environmental Protection ("DEP"). We were able to finalize the Consent Order after DEP was advised orally by EPA, Region IV, that the Consent Order is acceptable to EPA. This Consent Order includes twenty-two mining companies and forty-four limerock mines. The total penalty is \$158,400.

Attached for your review and file is a copy of the unexecuted Consent Order. Please review the Consent Order and if you find it acceptable, have the appropriate person execute the two enclosed original signature pages. Please Federal Express the two executed signature pages to me so that I can incorporate these signature pages into the Consent Order along with the signature pages from the other twenty-one mining companies. In addition to the signature pages, please send to me your cashier's check, certified check or money order made payable to the Department of Environmental Protection with the notations OGC no. 95-0776 and Pollution Recovery Fund on the check. The amount to be paid to DEP is \$8,000. You also need to send a check made payable to Carlton Fields in the amount of \$1,500. This covers our attorneys fees for this matter.

Upon receipt of all of the signature pages, we will assemble two Consent Orders to be executed by DEP. After execution, we will provide you with a copy of the executed Consent Order.

In closing, let me point out a couple of very important items. Applications must be filed by August 1. If you have not started putting together the information needed for the

MEMORANDUM
April 7, 1995
Page Two

application as we have suggested, you better start now. Any questions concerning the application can be directed to Steve Smallwood at Dames and Moore (904/222-9600). If you cannot meet the August 1 deadline, please contact DEP immediately to get an extension of time. The deadline for requesting an extension is July 1, 1995, but I would urge you to request the extension much earlier.

Assuming we get an exemption from Title V, this application will give each company an after-the-fact construction permit and a state operating permit.

If you have any questions, please call.

JDV:dgb
Enclosures

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA, DEPARTMENT OF)
ENVIRONMENTAL PROTECTION,)

Complainant,)

vs.)

ANDERSON MINING CORPORATION;)
BAXTER'S ASPHALT AND CONCRETE,)
INC., d/b/a DOLOMITE, INC.; CORAL)
ROCK, INC.; CRYSTAL RIVER QUARRIES,)
INC.; DIXIE LIME AND STONE)
COMPANY; DRAVO BASIC MATERIALS)
COMPANY, INC.; FLORIDA CRUSHED)
STONE COMPANY; FLORIDA ROCK AND)
SAND COMPANY, INC.; FLORIDA ROCK)
INDUSTRIES, INC.; GKK CORPORATION;)
HARPER BROS., INC.; HCR LIMESTONE,)
INC.; INDEPENDENT AGGREGATES;)
E.R. JAHNA INDUSTRIES, INC.;)
LIMEROCK INDUSTRIES, INC.; OCALA)
BEDROCK, INC. d/b/a BEDROCK)
RESOURCES; PLAZA MATERIALS)
CORPORATION; RINKER MATERIALS)
CORPORATION; SUNCOAST MATERIALS,)
INC.; VULCAN/ICA DISTRIBUTION)
COMPANY; WHITE CONSTRUCTION)
COMPANY, INC.; and WHITE ROCK)
QUARRIES, a division of Vecellio)
& Grogran, Inc.;)

OGC Number 95-0776

Respondents.)

CONSENT ORDER

This Consent Order is made and entered into between the State of Florida, Department of Environmental Protection ("the Department") and ANDERSON MINING CORPORATION; BAXTER'S ASPHALT

AND CONCRETE, INC. d/b/a DOLOMITE, INC.; CORAL ROCK, INC.; CRYSTAL RIVER QUARRIES, INC.; DIXIE LIME AND STONE COMPANY; DRAVO BASIC MATERIALS COMPANY, INC.; FLORIDA CRUSHED STONE COMPANY; FLORIDA ROCK AND SAND COMPANY, INC.; FLORIDA ROCK INDUSTRIES, INC.; GKK CORPORATION; HARPER BROS., INC.; HCR LIMESTONE, INC.; INDEPENDENT AGGREGATES; E.R. JAHNA INDUSTRIES, INC.; LIMEROCK INDUSTRIES, INC.; OCALA BEDROCK, INC. d/b/a BEDROCK RESOURCES; PLAZA MATERIALS CORPORATION; RINKER MATERIALS CORPORATION; SUNCOAST MATERIALS, INC.; VULCAN/ICA DISTRIBUTION COMPANY; WHITE CONSTRUCTION COMPANY, INC. and WHITE ROCK QUARRIES (jointly "the Mining Companies").

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce Chapter 403, Florida Statutes, and the rules promulgated thereunder, Florida Administrative Code Title 62. In addition, the Department has been delegated the authority to implement the provisions of the Clean Air Act in the State of Florida.

2. Mining Companies:

a. Anderson Mining Corporation is a Florida corporation that has its principal place of business in Old Town, Florida.

b. Baxter's Asphalt and Concrete, Inc., d/b/a Dolomite, Inc. is a Florida corporation that has its principal place of business in Marianna, Florida.

c. Coral Rock, Inc., is a Florida corporation that has its principal place of business in Punta Gorda, Florida.

d. Crystal River Quarries, Inc. is a Florida corporation that has its principal place of business in Crystal River, Florida.

e. Dixie Lime and Stone Company is a Delaware corporation that has its principal place of business in Anthony, Florida.

f. Dravo Basic Materials Company, Inc. is a Alabama corporation that has its principal place of business in Mobile, Alabama.

g. Florida Crushed Stone Company is a Florida corporation that has its principal place of business in Leesburg, Florida.

h. Florida Rock and Sand Company, Inc. is a Florida corporation that has its principal place of business in Florida City, Florida.

i. Florida Rock Industries, Inc. is a Florida corporation that has its principal place of business in Jacksonville, Florida.

j. GKK Corporation is a Florida corporation that has its principal place of business in North Palm Beach, Florida.

k. Harper Brothers, Inc. is a Florida corporation that has its principal place of business in Fort Myers, Florida.

l. HCR Limestone, Inc. is a Delaware corporation that has its principal place of business in Dundee, Michigan.

m. Independent Aggregates is a Florida general partnership that has its principal place of business in Inglis, Florida.

n. E.R. Jahna Industries, Inc. is a Florida corporation that has its principal place of business in Lake Wales, Florida.

o. Limerock Industries, Inc. is a Florida corporation that has its principal place of business in Chiefland, Florida.

p. Ocala Bedrock, Inc. d/b/a/ Bedrock Resources is a Florida corporation that has its principal place of business in Ocala, Florida.

q. Plaza Materials Corporation, is a Florida corporation that has its principal place of business in Winter Park, Florida.

r. Rinker Materials Corporation is a Florida corporation that has its principal place of business in West Palm Beach, Florida.

s. Suncoast Materials, Inc. is a Florida corporation that has its principal place of business in Brooksville, Florida.

t. Vulcan/ICA Distribution Company is a Texas general partnership that has its principal place of business in Brooksville, Florida.

u. White Construction Company, Inc. is a Florida corporation that has its principal place of business in Chiefland, Florida.

v. White Rock Quarries, a division of Vecellio & Grogran, Inc., is a West Virginia corporation that has its principal place of business in West Palm Beach, Florida.

3. The Mining Companies are all authorized to do business in the State of Florida and are persons within the meaning of section 403.031(5), Florida Statutes.

4. Between them, the Mining Companies own and operate a total of forty-four (44) limestone mines in the State of Florida which utilize crushers, grinding mills, screening operations, bucket elevators, belt conveyors, bagging operations, storage bins, or enclosed truck or railcar loading stations ("nonmetallic mineral processing plants" or "NMPPs"). Attached as Exhibit A is a listing of all the entities that comprise "the Mining Companies." Said listing includes the identification of all facilities operated by each entity that are subject to this consent order. Each of the NMPPs was either constructed, modified, or reconstructed after August 31, 1983, and is subject to the emission limitations set forth in 40 CFR Part 60, Subpart 000, the New Source Performance Standards for Nonmetallic Mineral Processing Plants.

5. The Department alleges, but the Mining Companies do not admit, that the Mining Companies are in violation of Florida Administrative Code Chapter 62-210 (and its predecessor Florida Administrative Code Rule 17-2.210) for failure to obtain construction and operating permits before constructing, modifying, reconstructing or operating the NMPPs. The Mining

Companies admit that they have not obtained construction or operating permits for the NMPPs.

5. Most of the Mining Companies are engaged in wet mining operations. By their nature wet mining operations emit minimal amounts of particulates. Over the years there has been much confusion as to the need for construction and operating permits under Chapter 62-210, Florida Administrative Code.

7. The Department alleges, but the Mining Companies do not admit, that Florida Administrative Code Chapters 62-210 and 62-213 currently require the Mining Companies to apply for Title V air operating permits for the NMPPs on or before July 2, 1995. However, regulations are pending to delay the date for applying for these permits and legislation is pending to exempt these facilities from said Title V air operating permits.

8. The Department and representatives for the Mining Companies have met in an effort to resolve their dispute regarding the alleged violations of Florida Administrative Code Rule 62-210.300(1) and (2). The parties have agreed to enter into this Consent Order in order to expeditiously address the Department's concerns without litigation and its attendant costs, delays, and risks.

Having reached a resolution of this matter, pursuant to Florida Administrative Code Rule 62-103.110(3), the Department and the Mining Companies mutually agree and it is

ORDERED:

9. On or before August 1, 1995, the Mining Companies shall

apply for after-the-fact construction permits which incorporate any and all crushers, grinding mills, screening operations, bucket elevators, belt conveyors, bagging operations, storage bins, enclosed trucks, and railcar loading stations located on the same physical premises as the limestone mines and operated in connection with the limestone mines. Provided, however, the Department in its sole discretion may extend the application date for any mining company for good cause and provided said company requests the extension in writing no later than July 1, 1995. The Department's approval of any extension shall be in writing.

10. On or before August 1, 1995, the Mining Companies shall apply for operating permits, pursuant to Florida Administrative Code Rules 62-210.300(2) and, if applicable, 62-213.420, which applications shall incorporate any and all crushers, grinding mills, screening operations, bucket elevators, belt conveyors, bagging operations, storage bins, enclosed truck and railcar loading stations located on the same physical premises as the limestone mines and operated in connection with the limestone mines. Provided, however, the Department in its sole discretion may extend the application date for any mining company for good cause and provided said company requests the extension in writing no later than July 1, 1995. The Department's approval of any extension shall be in writing.

11. Within sixty (60) days of the execution of this Consent Order, the Mining Companies shall jointly pay the Department a settlement amount of \$158,400.00. This amount includes all

penalties assessed and costs and expenses incurred by the Department in connection with the matters addressed herein. Payments shall be made by cashier's check, certified check, or money order. Each instrument shall be made payable to the "Department of Environmental Protection" and shall include thereon the notations "OGC Number 95-0776" and "Pollution Recovery Fund." Payments shall be sent to the Department's office at the Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

12. This Consent Order fully resolves the dispute between the Department and the Mining Companies regarding the matters addressed herein. The Department reserves the right to take appropriate enforcement action against the Mining Companies for any other existing or future violations of the Department's rules or permit conditions. The Mining Companies reserve their right to contest any such enforcement action.

13. The terms and conditions set forth in this Consent Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, Florida Statutes. Failure to comply with terms of this Consent Order shall constitute a violation of section 403.161(1)(b), Florida Statutes.

14. A violation of the terms of this Consent Order may subject the Mining Companies, individually, to judicial imposition of civil penalties of up to \$10,000 per offense and criminal penalties.

15. In consideration of the complete and timely performance by the Mining Companies of the obligations agreed to in this Consent Order, the Department hereby waives its right to seek judicial imposition of additional civil penalties for the specific matters addressed in this Consent Order. The Mining Companies waive their right to an administrative hearing pursuant to section 120.57, Florida Statutes, of the terms of this Consent Order. The Mining Companies also waive their right to appeal the terms of this Consent Order.

16. The execution of this Consent Order does not obligate the Department to issue a permit for any facility which does not comply with all applicable statutes and regulations. Further, the execution of this Consent Order does not constitute a waiver by the Mining Companies to exercise their right to an administrative hearing, and all appropriate appeals, challenging the Department's denial of any permit or specific permit conditions which may be contained in any permit issued to the Mining Companies by the Department.

17. No modifications of the terms of this Consent Order shall be effective until reduced to writing and executed by all parties.

18. The provisions of this Consent Order shall apply to and be binding upon the parties, their officers, their directors, agents, servants, employees, successors, and assigns and all persons, firms, and corporations acting under, through or for them and upon those persons, firms, and corporations in active

concert or participation with them.

19. This Consent Order is final agency action of the Department pursuant to section 120.69, Florida Statutes, and Florida Administrative Code Rule 62-103.110(3), and is final and effective on the date filed with the Clerk of the Department.

FOR DRAVO MATERIALS COMPANY, INC.

James Puhala, Vice President,
Gen. Counsel & Secretary

Date: _____

Witnesses:

(Signature)

(Printed Name)

(Signature)

(Printed Name)

FOR STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Virginia B. Wetherell
Secretary

Date: _____

Witnesses:

(Signature)

(Printed Name)

(Signature)

(Printed Name)

EXHIBIT A

ANDERSON MINING CORPORATION
P.O. BOX 38
HWY. 349
OLD TOWN, FLORIDA 32680

- Columbia City (Columbia County)
- Lanier (Suwannee County)
- Dowling Park (Lafayette County)

BAXTER'S ASPHALT & CONCRETE, INC., d/b/a DOLOMITE, INC.
P.O. BOX 1568
Hwy. 71 SOUTH
MARIANNA, FLORIDA 32447

- Marianna (Jackson County)

CORAL ROCK, INC.
13391 STATE ROAD 31
PUNTA GORDA, FLORIDA 33955

- Punta Gorda (Charlotte County)

CRYSTAL RIVER QUARRIES, INC.
P.O. BOX 216
7040 N. SUNCOAST BLVD.
CRYSTAL RIVER, FLORIDA 34423-0216

- Red Level (Citrus County)
- Lecanto (Citrus County)

DIXIE LIME AND STONE COMPANY
P.O. BOX 1209
ANTHONY, FLORIDA 32617

- Sumterville (Sumter County)
- Cummer (Marion County)

DRAVO BASIC MATERIALS COMPANY, INC.
P.O. BOX 2068
MOBILE, ALABAMA 36652

- Chattahoochee (Gadsden County)
- Perry (Taylor County)

FLORIDA CRUSHED STONE COMPANY
1616 S. 14TH STREET
LEESBURG, FLORIDA 34749

- St. Catherine (Sumter County)
- Center Hill (Sumter County)
- Gregg/Brooksville (Hernando County)

FLORIDA ROCK AND SAND COMPANY, INC.
P.O. BOX 3004
FLORIDA CITY, FLORIDA 33034

- Card Sound (Dade County)
- Cutler G. E. (Dade County)

FLORIDA ROCK INDUSTRIES, INC.
155 E. 21ST STREET
JACKSONVILLE, FLORIDA 32206

- Gulf Hammock (Levy County)
- Brooksville (Hernando County)
- Ft. Myers (Lee County)
- Ft. Pierce (St. Lucie County)
- Naples (Collier County)

GKK CORPORATION
P.O. BOX 700
20125 S.R. 80
LOXAHATCHEE, FL 33470

- Loxahatchee (Palm Beach County)

HARPER BROS., INC.
14860 SIX MILE CYPRESS PARKWAY
FORT MYERS, FLORIDA 33912

- Alico (Lee County)

HCR LIMESTONE, INC.
6211 NORTH ANN ARBOR ROAD
DUNDEE, MICHIGAN 48131

- Crystal River (Citrus County)

INDEPENDENT AGGREGATES
10880 S. HWY. 19
INGLIS, FLORIDA 34449

- Inglis (Citrus County)

E. R. JAHNA INDUSTRIES, INC.
122 E. TILLMAN AVENUE
LAKE WALES, FLORIDA 33859

- Cabbage Grove (Taylor County)
- Mills (Hernando County)

LIMEROCK INDUSTRIES, INC.
P.O. BOX 790
CHIEFLAND, FLORIDA 32626

- Perry (Taylor County)
- Newberry (Alachua County)
- Columbia City (Columbia County)

OCALA BEDROCK , INC. d/b/a
BEDROCK RESOURCES
6249 S.E. 58TH AVENUE (BASELINE)
OCALA, FLORIDA 34480

- Citra (Marion County)
- Belleview (Marion County)
- Sumterville (Sumter County)

PLAZA MATERIALS CORPORATION
7151 UNIVERSITY DRIVE
WINTER PARK, FLORIDA 32792

- Zephyrhills (Paso County)

RINKER MATERIALS CORPORATION
1501 BELVEDERE ROAD
WEST PALM BEACH, FLORIDA 33406

- FEC (Dade County)
- Krome (Dade County)

SUNCOAST MATERIALS, INC.
P.O. BOX 10262
BROOKSVILLE, FLORIDA 34601

- Cross Florida Barge Canal (Citrus County)

VULCAN/ICA DISTRIBUTION COMPANY
16313 PONCE DELEON BLVD.
BROOKSVILLE, FLORIDA 33614

- Brooksville (Hernando County)
- Tampa (Hillsborough County)

WHITE CONSTRUCTION COMPANY, INC.
P.O. BOX 790
CHIEFLAND, FLORIDA 32626

- O'Neal (Marion County)
- Jones Pit (Jackson County)
- Chipley (Washington County)
- Dowling Park (Lafayette County)

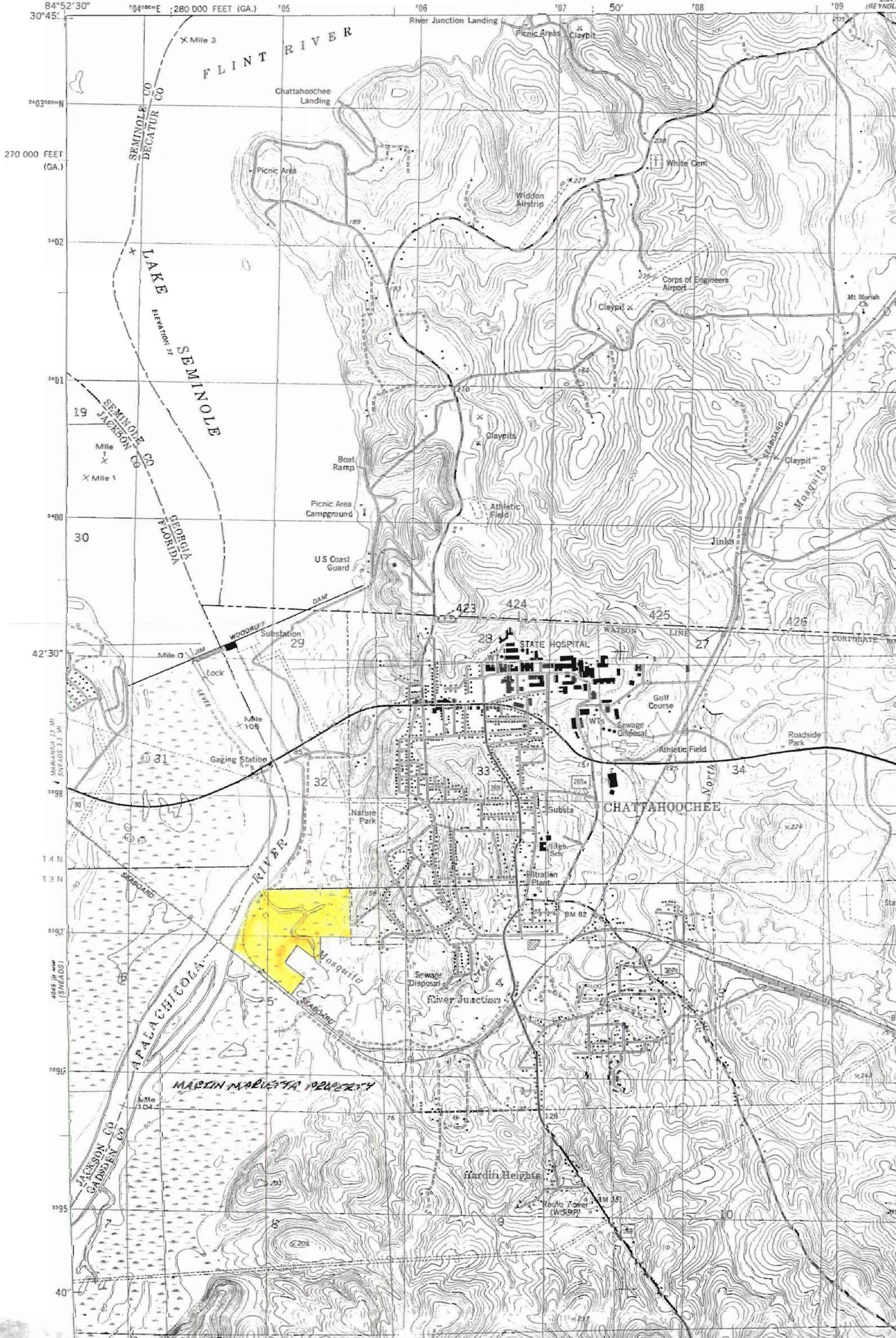
WHITE ROCK QUARRIES
101 SANSBURY'S WAY
WEST PALM BEACH, FLORIDA 33416

- Miami (Dade County)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MARTIN MARIETTA AGGREGATES
CHATTAHOOCHEE PLANT

CHATTAHOOCHEE 7.5'
QUADRANGLE
N3037.5 - W8445 1982



4045 1/4 SW (FARCHILD)

4045 1/4 SW (FARCHILD)

84°52'30" 704 000' E 280 000 FEET (GA.) 705 706 707 50' 708 709 (REYNOLD)

30°45' 270 000 FEET (GA.)

34°02' 34°01' 34°00' 42°30' 33°07' 33°06' 33°05' 40'

SEMINOLE CO DECATUR CO

SEMINOLE LAKE ELEVATION 71'

SEMINOLE CO JACKSON CO

GEORGIA FLORIDA

FLINT RIVER

Chattahoochee Landing

Picnic Area

Widdon Airstrip

White Cem

Corps of Engineers Airport

Claypit

Claypits

Boat Ramp

Picnic Area Campground

US Coast Guard

DAM

WOODRUFF

Substation 29

Lock

Gaging Station

Nature Park

STATE HOSPITAL

WATSON LINE

Golf Course

Sewage Disposal

Athletic Field

Roadside Park

CHATTAHOOCHEE

Substa

Feb Sch

Filtration Plant

BM 82

Sewage Disposal

River Junction

Mosquito

MARTIN MARIETTA PROPERTY

Jackson Co Gadsden Co

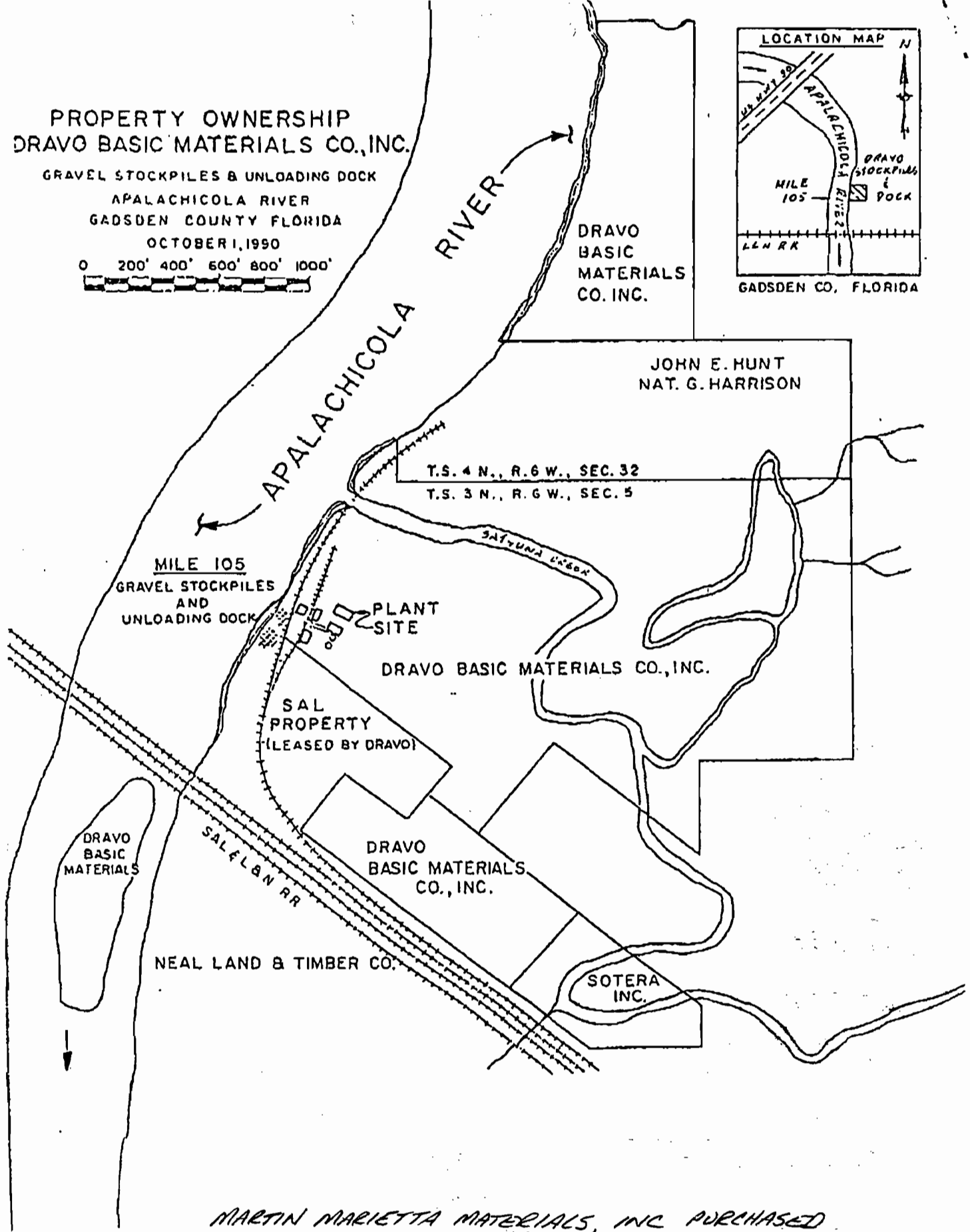
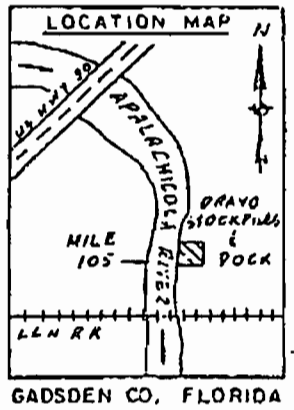
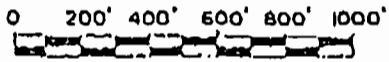
Hardin Heights

Radio Tower (WISRP)

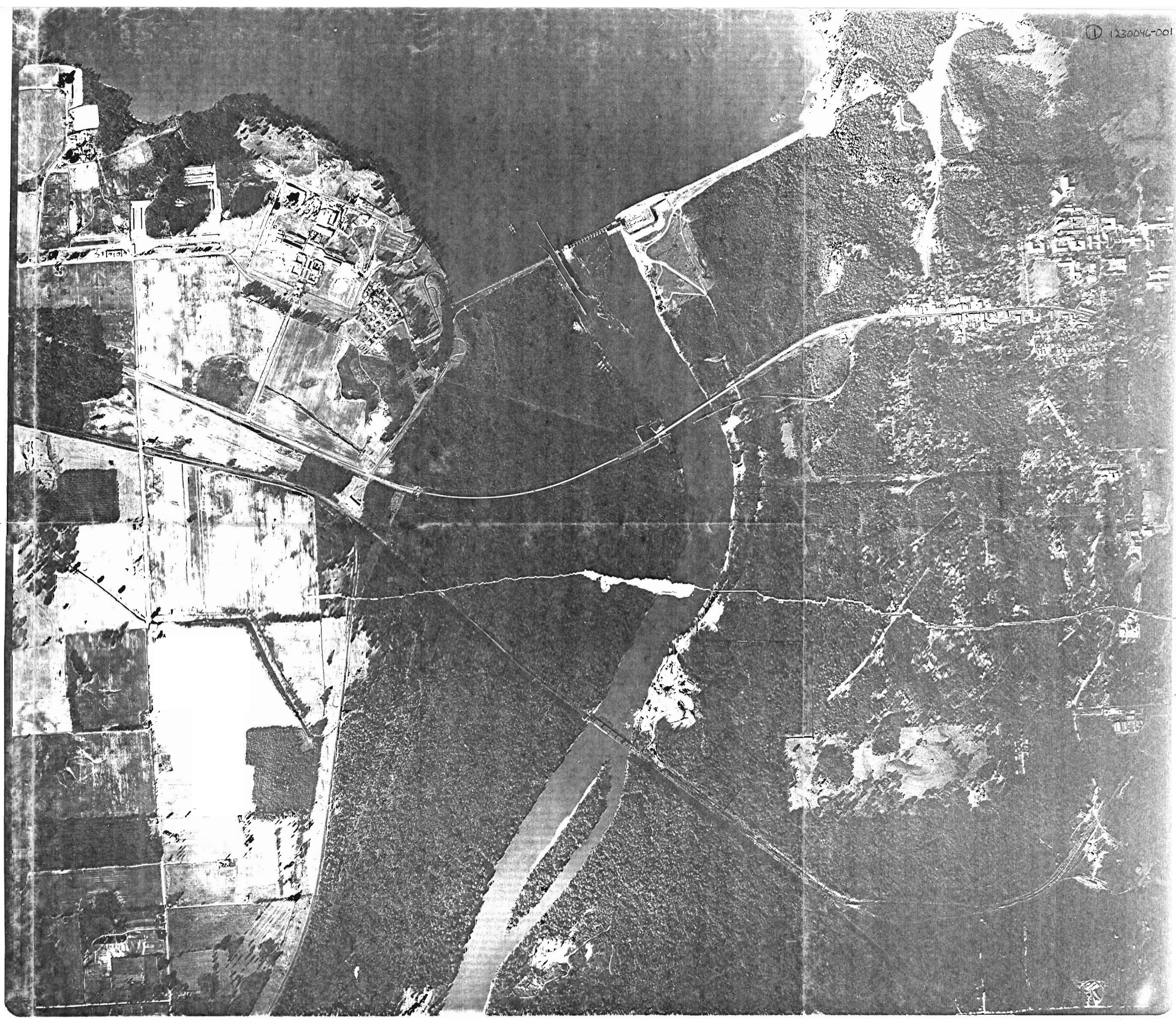
BM 85

PROPERTY OWNERSHIP
DRAVO BASIC MATERIALS CO., INC.

GRAVEL STOCKPILES & UNLOADING DOCK
APALACHICOLA RIVER
GADSDEN COUNTY FLORIDA
OCTOBER 1, 1990



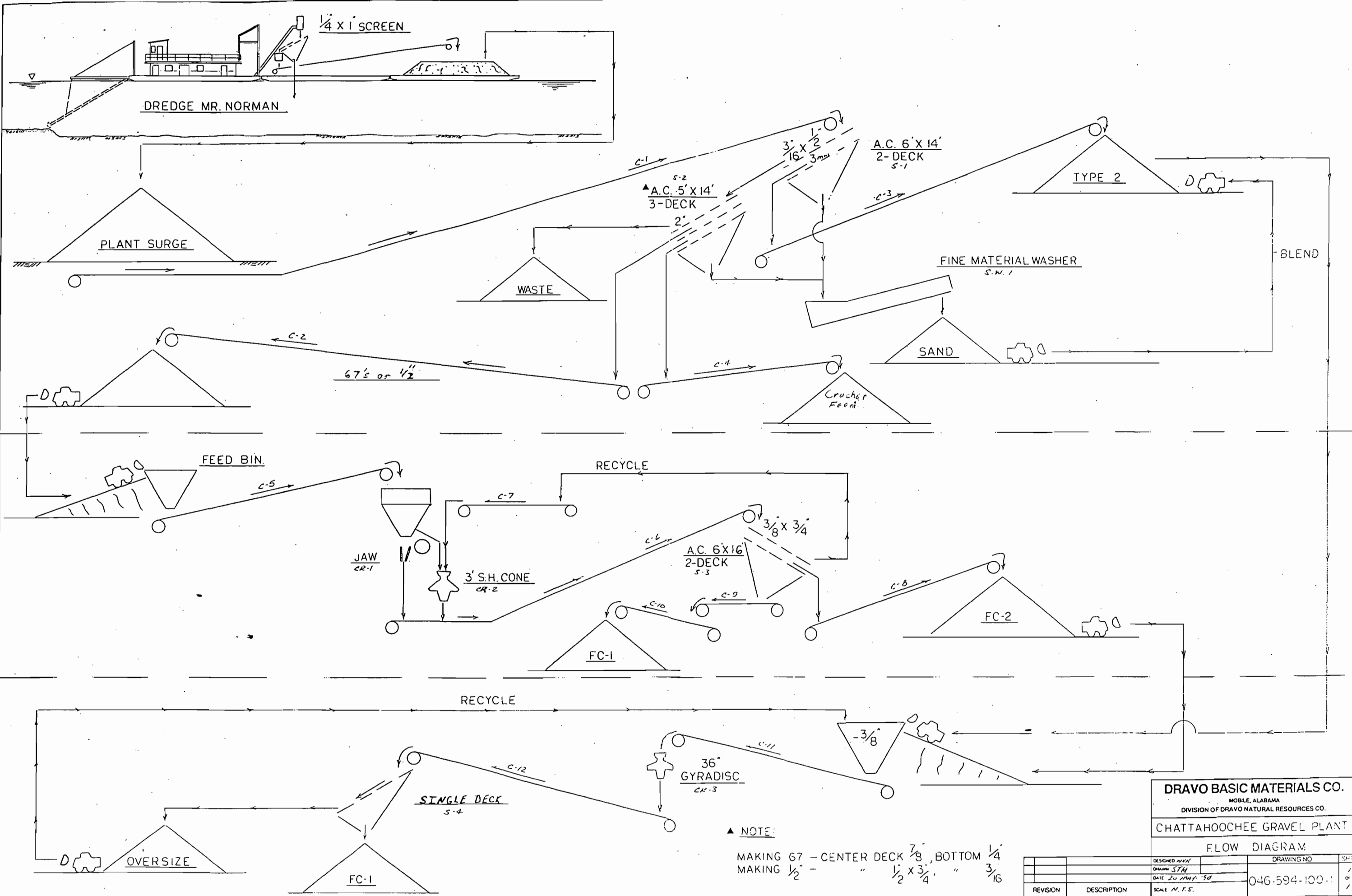
MARTIN MARIETTA MATERIALS, INC PURCHASED
THE ASSETS OF DRAVO BASIC MATERIALS, CO. INC
ON JANUARY 3, 1995.



MARTIN MARIETTA AGGREGATES
CANTONACHIE POINT
SCALE: 1" = 300'

ATTACHMENT 02





▲ NOTE:
 MAKING 67 - CENTER DECK 7/8, BOTTOM 1/4
 MAKING 1/2 - " 1/2 x 3/4, " 3/16

DRAVO BASIC MATERIALS CO.
 MOBILE, ALABAMA
 DIVISION OF DRAVO NATURAL RESOURCES CO.

CHATTAHOOCHEE GRAVEL PLANT

FLOW DIAGRAM

DESIGNED BY	DRAWING NO.
DRAWN BY	
DATE 20 MAR 50	046-594-100-1
SCALE N. P. S.	

REVISION	DESCRIPTION	SCALE	N. P. S.

FACILITY: Chattahoochee

LOCATION: Florida

INVENTORY DATE: 6/95

NSPS APPLIES *

NSPS SATISFIED **

C = conveyors S = screens CR = crushers F = feeders SW = screw washer P = pumps

Item #	Description	Manufacturer	Serial #	Manufactured Date
C - D	36" x 54' (dredge conveyor)	Dravo	Unk.	1987 *
C - 1	24" x 233'	Dravo	Unk.	1987 *
C - 2	24" x 81'	Dravo	Unk.	1987 *
C - 3	24" x 92'	Dravo	Unk.	1987 *
C - 4	24" x 104'	Dravo	Unk.	1987 *
C - 5	24" x 64'	Dravo	Unk.	1987 *
C - 6	24" x 55'	Dravo	Unk.	1987 *
C - 7	24" x 68'	Dravo	Unk.	1987 *
C - 8	24" x 40'	Dravo	Unk.	1987 *
C - 9	36" x 19'	Dravo	Unk.	1987 *
C - 10	24" x 23'	Dravo	Unk.	1987 *
C - 11	24" x 54'	Dravo	Unk.	1987 *
C - 12	18" x 28'	Dravo	Unk.	1987 *
S - 1	6' x 14' (2 deck)	Allis - Chalmers	B43370	1971
S - 2	5' x 14' (3 deck)	Allis - Chalmers	94645	1966
S - 3	6' x 16' (2 deck)	Allis - Chalmers	B55586	1974
S - 4	Single Deck 3' x 6'	Pioneer	366-B545	1956
CR - 1	1026 Jaw	Cedarapids	Unk.	1960
CR - 2	3' Short Head Cone	Symons	31321	1968
CR - 3	3' Gyradisc	Symons	36GD177	1973
SW - 1	24" x 15' Sand Classifier	Eagle	Unk. (Rebuilt)	1987 *

GENERAL PROJECT DESCRIPTION CHATTAHOOCHEE SAND & GRAVEL

The Chattahoochee Sand & Gravel facility produces graded and crushed natural river gravel and clarified and sized sand for the construction industry. Raw material is dredged from the river, placed on barges and transported to the Chattahoochee land based processing plant. Material barges are unloaded with a clam shell and placed in a surge pile. The processing plant is charged with a front end loader. The processing equipment consists of crushers, screens, bins, classifiers, and conveyors as described in detail on the flow diagram and emission calculations.

As the material is mined below water, material processed through the plant contains approximately 10% to 15% moisture resulting in minimal process emissions. No additional suppression is currently utilized. Plans are to install wet suppression at select process locations by December 31, 1995. Due to the inherent moisture content of the processed material, AP-42 table 11.19 2-2 controlled emission factors have been used.

Based on an annual production limit of 1,000,000 tons per year (TPY) the resultant TSP emissions would be 2.758 TPY and 1.379 pounds per hour. Emission calculations are also included showing the effect on annual production should total TSP emissions be increased to 80 TPY. As can be seen, emissions from annual production of 1,000,000 TPY is approximately 3% of the 100 TPY threshold for a major source. For this reason, a Synthetic Non-Title V source classification is requested. Should this facility be exempted from the requirements of Title V, we request that the application be withdrawn.

Regarding New Source Performance Standards (NSPS), Dravo Basic Materials Company, Inc. will be responsible for satisfying all NSPS requirements, including visible emission testing. Dravo Basic Materials has retained Resource Consultants, Inc. based in Brentwood, Tennessee to handle this NSPS issues. Your agency will be provided the schedule and testing protocol prior to the VE testing and will receive a copy of the final VE test report when completed.

INSIGNIFICANT ACTIVITY

CHATTAHOOCHEE SAND & GRAVEL

PETROLEUM PRODUCT STORAGE

One 7,300 Gallon Diesel AG Tank
One 8,500 Gallon Diesel AG Tank
One 4,200 Gallon Diesel AG Tank

One 565 Gallon Gasoline AG Tank
One 565 Gallon Gasoline AG Tank

One 565 Gallon Used Oil AG Tank
One 565 Gallon Used Oil AG Tank

CHATTAHOOCHEE QUARRY

Revised: 06/20/95

Emission Factors:(lb/ton)

Crushing
Conveying
Screening

PM-10 (a)	TSP (b)
Controlled	Controlled
0.000590	0.00124
0.000048	0.00010
0.000840	0.00176

ATTACHMENT 06

ID #	CRUSHERS	1994 Emissions		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr) (c)	(ton/vr)	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
CR1	1026 Cedarapids Jaw	100	400,000	0.059	0.118	0.124	0.248
CR2	3' Short head Cone	120	480,000	0.071	0.142	0.149	0.298
CR3	3' Gvradisc	55	220,000	0.032	0.065	0.068	0.136
Total:				0.162	0.325	0.341	0.682

ID #	CONVEYORS	1994 Emissions		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr) (c)	(ton/vr)	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
C1	24" Conveyor C-1	250	1,000,000	0.012	0.024	0.025	0.050
C2	24" Conveyor C-2	90	360,000	0.004	0.009	0.009	0.018
C3	24" Conveyor C-3	55	220,000	0.003	0.005	0.006	0.011
C4	24" Conveyor C-4	73	292,000	0.004	0.007	0.007	0.015
C5	24" Conveyor C-5	90	360,000	0.004	0.009	0.009	0.018
C6	24" Conveyor C-6	120	480,000	0.006	0.012	0.012	0.024
C7	24" Conveyor C-7	30	120,000	0.001	0.003	0.003	0.006
C8	24" Conveyor C-8	36	144,000	0.002	0.003	0.004	0.007
C9	36" Conveyor C-9	54	216,000	0.003	0.005	0.005	0.011
C10	24" Conveyor C-10	54	216,000	0.003	0.005	0.005	0.011
C11	24" Conveyor C-11	55	220,000	0.003	0.005	0.006	0.011
C12	18" Conveyor C-12	55	220,000	0.003	0.005	0.006	0.011
Total:				0.046	0.092	0.096	0.192

ID #	SCREENS	1994 Emissions		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr) (c)	(ton/vr)	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
S1	6' x 14' 2D	250	1,000,000	0.210	0.420	0.440	0.880
S2	5' x 14' 2D	165	660,000	0.139	0.277	0.290	0.581
S3	6' x 16' 2D	120	480,000	0.101	0.202	0.211	0.422
S4	3' x 6' 1D	55	220,000	0.000	0.000	0.000	0.000
Total:				0.449	0.899	0.942	1.883

SUMMARY	PM-10 EMISSIONS		TSP EMISSIONS	
	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
Crushing	0.162	0.325	0.341	0.682
Conveying	0.046	0.092	0.096	0.192
Screening	0.449	0.899	0.942	1.883
Total:	0.658	1.316	1.379	2.758

Notes:

- (a) - PM-10 Emission factors were obtained from AP-42, Table 11.19.2-2, using the "controlled" factors.
- (b) - TSP Factors = PM-10 factors x 2.1 (see Note c, AP-42, Table 11.19.2-2).
- (c) - 1994 Emission Rates based on assumption that the plant operated at an estimated production rate 250 TPH.

CHATTAHOOCHEE QUARRY

Revised: 06/20/95

Emission Factors:(lb/ton)

Crushing
Conveying
Screening

PM-10 (a)	TSP (b)
Controlled	Controlled
0.000590	0.00124
0.000048	0.00010
0.000840	0.00176

ID #	CRUSHERS	Potential Emissions (c)		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr)	(ton/vr)	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
CR1	1026 Cedarapids Jaw	100	11,602,611	0.059	3.423	0.124	7.194
CR2	3' Short head Cone	120	13,923,133	0.071	4.107	0.149	8.632
CR3	3' Gvradisc	55	6,381,436	0.032	1.883	0.068	3.956
Total:				0.162	9.413	0.341	19.782

ID #	CONVEYORS	Potential Emissions (c)		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr)	(ton/vr)	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
C1	24" Conveyor C-1	250	29,006,526	0.012	0.696	0.025	1.450
C2	24" Conveyor C-2	90	10,442,350	0.004	0.251	0.009	0.522
C3	24" Conveyor C-3	55	6,381,436	0.003	0.153	0.006	0.319
C4	24" Conveyor C-4	73	8,469,906	0.004	0.203	0.007	0.423
C5	24" Conveyor C-5	90	10,442,350	0.004	0.251	0.009	0.522
C6	24" Conveyor C-6	120	13,923,133	0.006	0.334	0.012	0.696
C7	24" Conveyor C-7	30	3,480,783	0.001	0.084	0.003	0.174
C8	24" Conveyor C-8	36	4,176,940	0.002	0.100	0.004	0.209
C9	36" Conveyor C-9	54	6,265,410	0.003	0.150	0.005	0.313
C10	24" Conveyor C-10	54	6,265,410	0.003	0.150	0.005	0.313
C11	24" Conveyor C-11	55	6,381,436	0.003	0.153	0.006	0.319
C12	18" Convevor C-12	55	6,381,436	0.003	0.153	0.006	0.319
Total:				0.046	2.679	0.096	5.581

ID #	SCREENS	Potential Emissions (c)		PM-10 EMISSIONS		TSP EMISSIONS	
		(ton/hr)	(ton/vr)	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
S1	6' x 14' 2D	250	29,006,526	0.210	12.183	0.440	25.526
S2	5' x 14' 2D	165	19,144,307	0.139	8.041	0.290	16.847
S3	6' x 16' 2D	120	13,923,133	0.101	5.848	0.211	12.252
S4	3' x 6' 1D	55	6,381,436	0.000	0.000	0.000	0.000
Total:				0.449	26.071	0.942	54.625

SUMMARY	PM-10 EMISSIONS		TSP EMISSIONS	
	(lbs/hr)	(tons/vr)	(lbs/hr)	(tons/vr)
Crushing	0.162	9.413	0.341	19.782
Conveying	0.046	2.679	0.096	5.581
Screening	0.449	26.071	0.942	54.625
Total:	0.658	38.162	1.379	79.988

- Notes:**
- (a) - PM-10 Emission factors were obtained from AP-42, Table 11.19.2-2, using the "controlled" factors.
 - (b) - TSP Factors = PM-10 factors x 2.1 (see Note c, AP-42, Table 11.19.2-2).
 - (c) - Potential Emissions based on the production of 80 tons/yr TSP. The plant is incapable of meeting this production

REVISED TABLE WITH COMMENTS - RECEIVED 4/10/95

Table 11.19.2-2 (English Units).
EMISSION FACTORS FOR CRUSHED STONE PROCESSING OPERATIONS*

Source ^b	Total Particulate Matter	EMISSION FACTOR RATING	Total PM-10 ^c	EMISSION FACTOR RATING
Screening (SCC 3-05-020-02,-03)	•	NA	0.015 ^d	C
Screening (controlled) (SCC 3-05-020-02-03)	•	NA	0.00084 ^e	C
Primary crushing (SCC 3-05-020-01)	0.00070 ^f	E	ND ^g	NA
Secondary crushing (SCC 3-05-020-02)	ND	NA	ND ^g	NA
Tertiary crushing (SCC 3-05-020-03)	•	NA	0.0024 ^h	C
Primary crushing (controlled) (SCC 3-05-020-01)	ND	NA	ND ^g	NA
Secondary crushing (controlled) (SCC 3-05-020-02)	ND	NA	ND ^g	NA
Tertiary crushing (controlled) (SCC 3-05-020-03)	•	NA	0.00059 ^h	C
Fines crushing ⁱ (SCC 3-05-020-05)	•	NA	0.015	E
Fines crushing (controlled) ^j (SCC 3-05-020-05)	•	NA	0.0020	E
Fines screening ^k (SCC 3-05-020-21)	•	NA	0.071	E
Fines screening (controlled) ^l (SCC 3-05-020-21)	•	NA	0.0021	E
Conveyor transfer point ^m (SCC 3-05-020-06)	•	NA	0.0014	D
Conveyor transfer point (controlled) ⁿ (SCC 3-05-020-06)	•	NA	4.8x10 ⁻⁵	D
Wet drilling: unfragmented stone ^o (SCC 3-05-020-10)	ND	NA	8.0x10 ⁻⁵	E
Truck unloading: fragmented stone ^p (SCC 3-05-020-31)	ND	NA	1.6x10 ⁻⁵	E
Truck loading—conveyor: crushed stone ^q (SCC 3-05-020-32)	ND	NA	0.00010	E

*Emission factors represent uncontrolled emissions unless noted. Emission factors in lb/ton of material throughput. SCC = Source Classification Code. ND = no data. NA = not available.

^bControlled sources (with wet suppression) are those that are part of the processing plant that employs current wet suppression technology similar to the study group. The moisture content of the study group without wet suppression systems operating (uncontrolled) ranged from 0.21 to 1.3 percent and the same facilities operating wet suppression systems (controlled) ranged from 0.55 to 2.88 percent. Due to carry over or the small amount of moisture required, it has been shown that each source, with the exception of crushers, does not need to employ direct water sprays. Although the moisture content was the only variable measured, other process features may have as much influence on emissions from a given source. Visual observations from each source under normal operating conditions are probably the best indicator of which emission factor is most appropriate. Plants that employ sub-standard control measures as indicated by visual observations should use the uncontrolled factor with an appropriate control efficiency that best reflects the effectiveness of the controls employed.

^cAlthough total suspended particulate (TSP) is not a measurable property from a process, some States may require estimates of TSP emissions. No data are available to make these estimates. However, relative ratios in AP-42 Sections 13.2.2 and 13.2.4 indicate that TSP emission factors may be estimated by multiplying PM-10 by 2.1.

^dEmission factors for total particulate are not presented pending a re-evaluation of the EPA Method 201a test data and/or results of emission testing. This re-evaluation is expected to be completed by July 1995.

^eReferences 9, 11, 15-16.

^fReference 1.

^gNo data available, but emission factors for PM-10 emission factors for tertiary crushing can be used as an upper limit for primary or secondary crushing.

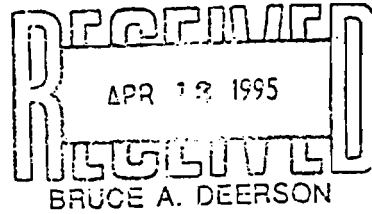
^hReferences 10-11, 15-16.

ⁱReferences 13-14.

^jReference 4.

^kReference 12.

^lReference 3.



JAMES J. PUHALA
Vice President
General Counsel & Secretary

cc: Youse
Horace W

Tom Sellers

April 11, 1995

Bruce A. Deerson, Esq.
Martin Marietta Materials
2710 Wycliff Road
Raleigh, NC 27607

RE: Florida NSPS Consent Order

Dear Bruce:

Enclosed for your information is the form of Consent Order between the Florida mining companies and the state Department of Environmental Protection. We will execute the Order and pay the appropriate costs.

I understand that John Major has been in touch with Martin Marietta's environmental personnel about the permit application. The application should clearly be in the name of Martin Marietta and your plant and engineering personnel will have to have a major role in preparing the application.

Very truly yours,

James J. Puhala et

JJP/eet

Enclosure

cc: J. R. Major (w/attachments)

CARLTON, FIELDS, WARD, EMMANUEL, SMITH & CUTLER, P. A.

ATTORNEYS AT LAW

ONE HARBOUR PLACE P.O. BOX 3239 TAMPA, FLORIDA 33601 (813) 223-7000 FAX (813) 229-4133	FIRSTSTATE TOWER P.O. BOX 1171 ORLANDO, FLORIDA 32802 (407) 849-0300 FAX (407) 648-9099	HARBOURVIEW BUILDING P.O. BOX 12426 PENSACOLA, FLORIDA 32582 (904) 434-0142 FAX (904) 434-5366	FIRST FLORIDA BANK BUILDING P.O. DRAWER 190 TALLAHASSEE, FLORIDA 32302 (904) 224-1585 FAX (904) 222-0398	ESPERANTE P.O. BOX 150 WEST PALM BEACH, FLORIDA 33402 (407) 659-7070 FAX (407) 659-7368	BARNETT TOWER P.O. BOX 2861 ST. PETERSBURG, FLORIDA 33731 (813) 821-7000 FAX (813) 822-3768
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VIA FEDERAL EXPRESS

PLEASE REPLY TO :
Tallahassee

April 7, 1995

M E M O R A N D U M

TO: James Puhala
Dravo Basic Materials Company, Inc.

FROM: Jake Varn *JAKE*

RE: Consent Order/DEP

We have finalized the Consent Order between the mining companies and the Florida Department of Environmental Protection ("DEP"). We were able to finalize the Consent Order after DEP was advised orally by EPA, Region IV, that the Consent Order is acceptable to EPA. This Consent Order includes twenty-two mining companies and forty-four limerock mines. The total penalty is \$158,400.

Attached for your review and file is a copy of the unexecuted Consent Order. Please review the Consent Order and if you find it acceptable, have the appropriate person execute the two enclosed original signature pages. Please Federal Express the two executed signature pages to me so that I can incorporate these signature pages into the Consent Order along with the signature pages from the other twenty-one mining companies. In addition to the signature pages, please send to me your cashier's check, certified check or money order made payable to the Department of Environmental Protection with the notations OGC no. 95-0776 and Pollution Recovery Fund on the check. The amount to be paid to DEP is \$8,000. You also need to send a check made payable to Carlton Fields in the amount of \$1,500. This covers our attorneys fees for this matter.

Upon receipt of all of the signature pages, we will assemble two Consent Orders to be executed by DEP. After execution, we will provide you with a copy of the executed Consent Order.

In closing, let me point out a couple of very important items. Applications must be filed by August 1. If you have not started putting together the information needed for the

MEMORANDUM
April 7, 1995
Page Two

application as we have suggested, you better start now. Any questions concerning the application can be directed to Steve Smallwood at Dames and Moore (904/222-9600). If you cannot meet the August 1 deadline, please contact DEP immediately to get an extension of time. The deadline for requesting an extension is July 1, 1995, but I would urge you to request the extension much earlier.

Assuming we get an exemption from Title V, this application will give each company an after-the-fact construction permit and a state operating permit.

If you have any questions, please call.

JDV:dgb
Enclosures

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA, DEPARTMENT OF)
ENVIRONMENTAL PROTECTION,)

Complainant,)

vs.)

ANDERSON MINING CORPORATION;)
BAXTER'S ASPHALT AND CONCRETE,)
INC., d/b/a DOLOMITE, INC.; CORAL)
ROCK, INC.; CRYSTAL RIVER QUARRIES,)
INC.; DIXIE LIME AND STONE)
COMPANY; DRAVO BASIC MATERIALS)
COMPANY, INC.; FLORIDA CRUSHED)
STONE COMPANY; FLORIDA ROCK AND)
SAND COMPANY, INC.; FLORIDA ROCK)
INDUSTRIES, INC.; GKK CORPORATION;)
HARPER BROS., INC.; HCR LIMESTONE,)
INC.; INDEPENDENT AGGREGATES;)
E.R. JAHNA INDUSTRIES, INC.;)
LIMEROCK INDUSTRIES, INC.; OCALA)
BEDROCK, INC. d/b/a BEDROCK)
RESOURCES; PLAZA MATERIALS)
CORPORATION; RINKER MATERIALS)
CORPORATION; SUNCOAST MATERIALS,)
INC.; VULCAN/ICA DISTRIBUTION)
COMPANY; WHITE CONSTRUCTION)
COMPANY, INC.; and WHITE ROCK)
QUARRIES, a division of Vecellio)
& Grogran, Inc.;)

OGC Number 95-0776

Respondents.)

CONSENT ORDER

This Consent Order is made and entered into between the State of Florida, Department of Environmental Protection ("the Department") and ANDERSON MINING CORPORATION; BAXTER'S ASPHALT

AND CONCRETE, INC. d/b/a DOLOMITE, INC.; CORAL ROCK, INC.; CRYSTAL RIVER QUARRIES, INC.; DIXIE LIME AND STONE COMPANY; DRAVO BASIC MATERIALS COMPANY, INC.; FLORIDA CRUSHED STONE COMPANY; FLORIDA ROCK AND SAND COMPANY, INC.; FLORIDA ROCK INDUSTRIES, INC.; GKK CORPORATION; HARPER BROS., INC.; HCR LIMESTONE, INC.; INDEPENDENT AGGREGATES; E.R. JAHNA INDUSTRIES, INC.; LIMEROCK INDUSTRIES, INC.; OCALA BEDROCK, INC. d/b/a BEDROCK RESOURCES; PLAZA MATERIALS CORPORATION; RINKER MATERIALS CORPORATION; SUNCOAST MATERIALS, INC.; VULCAN/ICA DISTRIBUTION COMPANY; WHITE CONSTRUCTION COMPANY, INC. and WHITE ROCK QUARRIES (jointly "the Mining Companies").

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce Chapter 403, Florida Statutes, and the rules promulgated thereunder, Florida Administrative Code Title 62. In addition, the Department has been delegated the authority to implement the provisions of the Clean Air Act in the State of Florida.

2. Mining Companies:

a. Anderson Mining Corporation is a Florida corporation that has its principal place of business in Old Town, Florida.

b. Baxter's Asphalt and Concrete, Inc., d/b/a Dolomite, Inc. is a Florida corporation that has its principal place of business in Marianna, Florida.

c. Coral Rock, Inc., is a Florida corporation that has its principal place of business in Punta Gorda, Florida.

d. Crystal River Quarries, Inc. is a Florida corporation that has its principal place of business in Crystal River, Florida.

e. Dixie Lime and Stone Company is a Delaware corporation that has its principal place of business in Anthony, Florida.

f. Dravo Basic Materials Company, Inc. is a Alabama corporation that has its principal place of business in Mobile, Alabama.

g. Florida Crushed Stone Company is a Florida corporation that has its principal place of business in Leesburg, Florida.

h. Florida Rock and Sand Company, Inc. is a Florida corporation that has its principal place of business in Florida City, Florida.

i. Florida Rock Industries, Inc. is a Florida corporation that has its principal place of business in Jacksonville, Florida.

j. GKK Corporation is a Florida corporation that has its principal place of business in North Palm Beach, Florida.

k. Harper Brothers, Inc. is a Florida corporation that has its principal place of business in Fort Myers, Florida.

l. HCR Limestone, Inc. is a Delaware corporation that has its principal place of business in Dundee, Michigan.

m. Independent Aggregates is a Florida general partnership that has its principal place of business in Inglis, Florida.

n. E.R. Jahna Industries, Inc. is a Florida corporation that has its principal place of business in Lake Wales, Florida.

o. Limerock Industries, Inc. is a Florida corporation that has its principal place of business in Chiefland, Florida.

p. Ocala Bedrock, Inc. d/b/a/ Bedrock Resources is a Florida corporation that has its principal place of business in Ocala, Florida.

q. Plaza Materials Corporation, is a Florida corporation that has its principal place of business in Winter Park, Florida.

r. Rinker Materials Corporation is a Florida corporation that has its principal place of business in West Palm Beach, Florida.

s. Suncoast Materials, Inc. is a Florida corporation that has its principal place of business in Brooksville, Florida.

t. Vulcan/ICA Distribution Company is a Texas general partnership that has its principal place of business in Brooksville, Florida.

u. White Construction Company, Inc. is a Florida corporation that has its principal place of business in Chiefland, Florida.

v. White Rock Quarries, a division of Vecellio & Grogran, Inc., is a West Virginia corporation that has its principal place of business in West Palm Beach, Florida.

3. The Mining Companies are all authorized to do business in the State of Florida and are persons within the meaning of section 403.031(5), Florida Statutes.

4. Between them, the Mining Companies own and operate a total of forty-four (44) limestone mines in the State of Florida which utilize crushers, grinding mills, screening operations, bucket elevators, belt conveyors, bagging operations, storage bins, or enclosed truck or railcar loading stations ("nonmetallic mineral processing plants" or "NMPPs"). Attached as Exhibit A is a listing of all the entities that comprise "the Mining Companies." Said listing includes the identification of all facilities operated by each entity that are subject to this consent order. Each of the NMPPs was either constructed, modified, or reconstructed after August 31, 1983, and is subject to the emission limitations set forth in 40 CFR Part 60, Subpart 000, the New Source Performance Standards for Nonmetallic Mineral Processing Plants.

5. The Department alleges, but the Mining Companies do not admit, that the Mining Companies are in violation of Florida Administrative Code Chapter 62-210 (and its predecessor Florida Administrative Code Rule 17-2.210) for failure to obtain construction and operating permits before constructing, modifying, reconstructing or operating the NMPPs. The Mining

Companies admit that they have not obtained construction or operating permits for the NMPPs.

5. Most of the Mining Companies are engaged in wet mining operations. By their nature wet mining operations emit minimal amounts of particulates. Over the years there has been much confusion as to the need for construction and operating permits under Chapter 62-210, Florida Administrative Code.

7. The Department alleges, but the Mining Companies do not admit, that Florida Administrative Code Chapters 62-210 and 62-213 currently require the Mining Companies to apply for Title V air operating permits for the NMPPs on or before July 2, 1995. However, regulations are pending to delay the date for applying for these permits and legislation is pending to exempt these facilities from said Title V air operating permits.

8. The Department and representatives for the Mining Companies have met in an effort to resolve their dispute regarding the alleged violations of Florida Administrative Code Rule 62-210.300(1) and (2). The parties have agreed to enter into this Consent Order in order to expeditiously address the Department's concerns without litigation and its attendant costs, delays, and risks.

Having reached a resolution of this matter, pursuant to Florida Administrative Code Rule 62-103.110(3), the Department and the Mining Companies mutually agree and it is

ORDERED:

9. On or before August 1, 1995, the Mining Companies shall

apply for after-the-fact construction permits which incorporate any and all crushers, grinding mills, screening operations, bucket elevators, belt conveyors, bagging operations, storage bins, enclosed trucks, and railcar loading stations located on the same physical premises as the limestone mines and operated in connection with the limestone mines. Provided, however, the Department in its sole discretion may extend the application date for any mining company for good cause and provided said company requests the extension in writing no later than July 1, 1995. The Department's approval of any extension shall be in writing.

10. On or before August 1, 1995, the Mining Companies shall apply for operating permits, pursuant to Florida Administrative Code Rules 62-210.300(2) and, if applicable, 62-213.420, which applications shall incorporate any and all crushers, grinding mills, screening operations, bucket elevators, belt conveyors, bagging operations, storage bins, enclosed truck and railcar loading stations located on the same physical premises as the limestone mines and operated in connection with the limestone mines. Provided, however, the Department in its sole discretion may extend the application date for any mining company for good cause and provided said company requests the extension in writing no later than July 1, 1995. The Department's approval of any extension shall be in writing.

11. Within sixty (60) days of the execution of this Consent Order, the Mining Companies shall jointly pay the Department a settlement amount of \$158,400.00. This amount includes all

penalties assessed and costs and expenses incurred by the Department in connection with the matters addressed herein. Payments shall be made by cashier's check, certified check, or money order. Each instrument shall be made payable to the "Department of Environmental Protection" and shall include thereon the notations "OGC Number 95-0776" and "Pollution Recovery Fund." Payments shall be sent to the Department's office at the Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

12. This Consent Order fully resolves the dispute between the Department and the Mining Companies regarding the matters addressed herein. The Department reserves the right to take appropriate enforcement action against the Mining Companies for any other existing or future violations of the Department's rules or permit conditions. The Mining Companies reserve their right to contest any such enforcement action.

13. The terms and conditions set forth in this Consent Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, Florida Statutes. Failure to comply with terms of this Consent Order shall constitute a violation of section 403.161(1)(b), Florida Statutes.

14. A violation of the terms of this Consent Order may subject the Mining Companies, individually, to judicial imposition of civil penalties of up to \$10,000 per offense and criminal penalties.

15. In consideration of the complete and timely performance by the Mining Companies of the obligations agreed to in this Consent Order, the Department hereby waives its right to seek judicial imposition of additional civil penalties for the specific matters addressed in this Consent Order. The Mining Companies waive their right to an administrative hearing pursuant to section 120.57, Florida Statutes, of the terms of this Consent Order. The Mining Companies also waive their right to appeal the terms of this Consent Order.

16. The execution of this Consent Order does not obligate the Department to issue a permit for any facility which does not comply with all applicable statutes and regulations. Further, the execution of this Consent Order does not constitute a waiver by the Mining Companies to exercise their right to an administrative hearing, and all appropriate appeals, challenging the Department's denial of any permit or specific permit conditions which may be contained in any permit issued to the Mining Companies by the Department.

17. No modifications of the terms of this Consent Order shall be effective until reduced to writing and executed by all parties.

18. The provisions of this Consent Order shall apply to and be binding upon the parties, their officers, their directors, agents, servants, employees, successors, and assigns and all persons, firms, and corporations acting under, through or for them and upon those persons, firms, and corporations in active

concert or participation with them.

19. This Consent Order is final agency action of the Department pursuant to section 120.59, Florida Statutes, and Florida Administrative Code Rule 62-103.110(3), and is final and effective on the date filed with the Clerk of the Department.

FOR DRAVO MATERIALS COMPANY, INC.

James Puhala, Vice President,
Gen. Counsel & Secretary

Date: _____

Witnesses:

(Signature)

(Printed Name)

(Signature)

(Printed Name)

FOR STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Virginia B. Wetherell
Secretary

Date: _____

Witnesses:

(Signature)

(Printed Name)

(Signature)

(Printed Name)

EXHIBIT A

ANDERSON MINING CORPORATION
P.O. BOX 38
HWY. 349
OLD TOWN, FLORIDA 32680

- Columbia City (Columbia County)
- Lanier (Suwannee County)
- Dowling Park (Lafayette County)

BAXTER'S ASPHALT & CONCRETE, INC., d/b/a DOLOMITE, INC.
P.O. BOX 1568
Hwy. 71 SOUTH
MARIANNA, FLORIDA 32447

- Marianna (Jackson County)

CORAL ROCK, INC.
13391 STATE ROAD 31
PUNTA GORDA, FLORIDA 33955

- Punta Gorda (Charlotte County)

CRYSTAL RIVER QUARRIES, INC.
P.O. BOX 216
7040 N. SUNCOAST BLVD.
CRYSTAL RIVER, FLORIDA 34423-0216

- Red Level (Citrus County)
- Lecanto (Citrus County)

DIXIE LIME AND STONE COMPANY
P.O. BOX 1209
ANTHONY, FLORIDA 32617

- Sumterville (Sumter County)
- Cummer (Marion County)

DRAVO BASIC MATERIALS COMPANY, INC.
P.O. BOX 2068
MOBILE, ALABAMA 36652

- Chattahoochee (Gadsden County)
- Perry (Taylor County)

FLORIDA CRUSHED STONE COMPANY
1616 S. 14TH STREET
LEESBURG, FLORIDA 34749

- St. Catherine (Sumter County)
- Center Hill (Sumter County)
- Gregg/Brooksville (Hernando County)

FLORIDA ROCK AND SAND COMPANY, INC.
P.O. BOX 3004
FLORIDA CITY, FLORIDA 33034

- Card Sound (Dade County)
- Cutler G. E. (Dade County)

FLORIDA ROCK INDUSTRIES, INC.
155 E. 21ST STREET
JACKSONVILLE, FLORIDA 32206

- Gulf Hammock (Levy County)
- Brooksville (Hernando County)
- Ft. Myers (Lee County)
- Ft. Pierce (St. Lucie County)
- Naples (Collier County)

GKK CORPORATION
P.O. BOX 700
20125 S.R. 80
LOXAHATCHEE, FL 33470

- Loxahatchee (Palm Beach County)

HARPER BROS., INC.
14860 SIX MILE CYPRESS PARKWAY
FORT MYERS, FLORIDA 33912

- Alico (Lee County)

HCR LIMESTONE, INC.
6211 NORTH ANN ARBOR ROAD
DUNDEE, MICHIGAN 48131

- Crystal River (Citrus County)

INDEPENDENT AGGREGATES
10880 S. HWY. 19
INGLIS, FLORIDA 34449

- Inglis (Citrus County)

E. R. JAHNA INDUSTRIES, INC.
122 E. TILLMAN AVENUE
LAKE WALES, FLORIDA 33859

- Cabbage Grove (Taylor County)
- Mills (Hernando County)

LIMEROCK INDUSTRIES, INC.
P.O. BOX 790
CHIEFLAND, FLORIDA 32626

- Perry (Taylor County)
- Newberry (Alachua County)
- Columbia City (Columbia County)

OCALA BEDROCK , INC. d/b/a
BEDROCK RESOURCES
6249 S.E. 58TH AVENUE (BASELINE)
OCALA, FLORIDA 34480

- Citra (Marion County)
- Belleview (Marion County)
- Sumterville (Sumter County)

PLAZA MATERIALS CORPORATION
7151 UNIVERSITY DRIVE
WINTER PARK, FLORIDA 32792

- Zephyrhills (Paso County)

RINKER MATERIALS CORPORATION
1501 BELVEDERE ROAD
WEST PALM BEACH, FLORIDA 33406

- FEC (Dade County)
- Krome (Dade County)

SUNCOAST MATERIALS, INC.
P.O. BOX 10262
BROOKSVILLE, FLORIDA 34601

- Cross Florida Barge Canal (Citrus County)

VULCAN/ICA DISTRIBUTION COMPANY
16313 PONCE DELEON BLVD.
BROOKSVILLE, FLORIDA 33614

- Brooksville (Hernando County)
- Tampa (Hillsborough County)

WHITE CONSTRUCTION COMPANY, INC.
P.O. BOX 790
CHIEFLAND, FLORIDA 32626

- O'Neal (Marion County)
- Jones Pit (Jackson County)
- Chipley (Washington County)
- Dowling Park (Lafayette County)

WHITE ROCK QUARRIES
101 SANSBURY'S WAY
WEST PALM BEACH, FLORIDA 33416

- Miami (Dade County)

Martin Marietta Aggregates



Central Region
120 Mallard Drive, Suite 300
St. Rose, Louisiana 70087
Telephone (504) 468-3247

July 27, 1995

Mr. Bruce Mitchell
Bureau of Air Regulation
State of Florida
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Martin Marietta Materials, Inc.
Perry Quarry - Taylor County
Chattahoochee Sand & Gravel - Gadsden County
Consent Order - OGC No. 95-0776

Dear Sir:

In accordance with the above referenced Consent Order between the State of Florida and Dravo Basic Materials, Inc. enclosed please find applications for after-the-fact construction and operation permits for the above referenced facilities required to be submitted by August 1, 1995. Martin Marietta Materials, Inc. (Martin Marietta) purchased the assets of Dravo Basic Materials Company, Inc. (Dravo) on January 3, 1995, and is therefore submitting the applications as owner and operator of these facilities.

The applications contain information on New Source Performance Standard (NSPS) equipment. The Consent Order requires compliance with NSPS regulations. As part of the agreement between Martin Marietta and Dravo, Dravo is responsible for satisfying all NSPS requirements for the equipment listed in the applications. Dravo has retained Resource Consultants in Brentwood, Tennessee to perform the required NSPS tasks. Your agency will be advised of the schedule for visible emission testing and will receive a copy of the visible emission test report upon completion. To date, Martin Marietta has not been advised of the schedule for these facilities.

These applications are also submitted to request classification of these facilities as Synthetic Non-Title V sources. Please see the included emission calculations and process flow diagrams for each facility. Please note emission calculations are included where TSP emissions are 80 tons per year. This data is provided to exhibit that these facilities could substantially increase production beyond the requested annual production rates and remain well below the 100 ton per year TSP threshold for inclusion under Title V. Should the facilities ultimately be exempted from the requirements of Title V, we request the application for a Synthetic Non-Title V source be withdrawn.

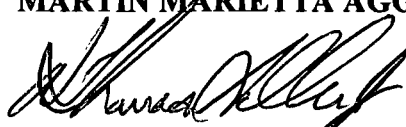
Mr. Bruce Mitchell
Bureau of Air Regulation
July 27, 1995
Page -2-

As these applications are after-the-fact, certain portions of the application form do not appear to apply. If in fact additional information and/or application fees are required, please advise and these items will be submitted.

Should you have questions or wish to discuss the submitted data please contact me.

Sincerely,

MARTIN MARIETTA AGGREGATES



W. Thomas Sellers, Jr.
Operations Services Manager

WTSjr:mgb

cc: H. D. Ross
J. B. Higgs
E. L. Londeree

Permitting Application

ARMS Facility

Facility Name: CHATTAHOOCHEE SAND AND GRAVEL AIRS ID: 0390034
 County: GADSDEN Owner: MARTIN MARIETTA MATERIALS, INC.
 Office: NW Br: TALLAHASSEE Category: POINT

Project

AIR Permit #: 0390034-003-AO Project #: 003 CRA Reference #: 1033
 Permit Office: NWD (DISTRICT) Agency Action: Issue
 Project Name: NSPS SUBPART 000 Desc: AC/AO application
 Type/Sub/Req: AO /2B Minor Source - Other Sample \$1000 Logged: 19-DEC-1995
 Received: 15-DEC-1995 Issued: 20-FEB-1996 Expires: 20-FEB-2001
 Fee: 1000.00 Realized: 1250.00 Dele: Override: NONE

Related Party

Role: APPLICANT Begin: 19-DEC-1995 End:
 Name: MARTIN MARIETTA AGGREGATES SSN/FEID: Unavailable
 Addr: 120 MALLARD ROAD
 City: ST. ROSE State: LA Zip: 70087- Country: U.S.A.
 Phone: 504-468-3247 Fax: 504-468-3596

Processors

Processor: KRIEGEL_R Y Active: 19-DEC-1995 Inactive:

Enter Project Name.

Count: 1 v

<Replace>

1-28-97

DSiti Spoke w Andy Allen. He acknowledged that the affected facility did receive its AC permit from them, which closes this project. RBW

1-29-97

Spoke w Clair and gave him the status of this project. RBW