

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit

Mr. Brian P. Smith
Vice President
Crusher Contractors, Inc.
135 Timber Lane
Jupiter, Florida 33458

DEP File No. 7775057-001-AC
Relocatable Facility

Enclosed is Permit Number 7775057-001-AC for a portable asphalt material crusher with diesel engine drives. This permit is issued pursuant to Chapter 403, Florida Statutes.

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

Executed in Tallahassee, Florida.



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

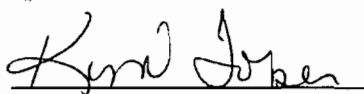
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 4-8-98 to the person(s) listed:

Mr. Brian P. Smith, Crusher Contractors *
Mr. Eugene Schaltenbrand, Brooks & Assoc.
District Air Program Administrators
County Air Program Administrators

Clerk Stamp

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


(Clerk)

4-8-98
(Date)

SENDER:

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

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

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Brian P. Smith, VP
Crusher Contractors
135 Timber Lane
Jupiter, FL 33458

4a. Article Number
P 265 659 329

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

7. Date of Delivery
4/13/98

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
X *Brian P. Smith*

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

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 329

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

Sent to <i>Brian Smith</i>	
Street & Number <i>Crusher Contractors</i>	
Post Office, State, & ZIP Code <i>Jupiter FL</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>4-8-98</i>	
<i>7775057-001-AC</i>	

PS Form 3800, April 1995

FINAL DETERMINATION

Crusher Contractors, Inc.

Permit No. 7775057-001-AC

Relocatable Asphalt Material Crusher

An Intent to Issue an air construction permit for a relocatable asphalt material crusher to be operated at asphalt plants throughout the state was distributed on February 16, 1998. The Public Notice of Intent to Issue Air Construction Permit was published in the following newspapers on March 9, 1998:

- Charlotte Sun Herald
- Englewood Sun Herald
- North Port Sun Herald
- DeSoto Sun Herald
- Venice Gondolier

These newspapers have circulation in the following counties:

- Charlotte
- DeSoto
- Sarasota

No comments were submitted in response to the public notice. The final action of the Department will be to issue the permit as proposed. The issued permit is valid for the counties that have met the public notice requirements. The permit will have to be amended before the unit can operate in other counties in Florida.



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

PERMITTEE:

Crusher Contractors, Inc.
135 Timber Lane
Jupiter, Florida 33458

FID No.	7775057
Permit No.	7775057-001-AC
Expires:	October 1, 1998

Authorized Representative:

Mr. Brian P. Smith, Vice President

PROJECT AND LOCATION:

This permit authorizes Crusher Contractors, Inc. to construct a diesel engine powered portable asphalt material crusher for statewide operation. This facility may operate in any county covered by a notice of intent to issue air permit published within 5 years of the proposed relocation and at any asphalt plant industrial sites listed on the Notification of Intent to Relocate Air Pollutant Emitting Facility provided a permit for this facility has been issued or amended to authorize operation in the county. The public notice requirements were met in Charlotte, DeSoto, and Sarasota Counties on March 9, 1998.

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

STATEMENT OF BASIS:

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

Attached appendices and Tables are made a part of this permit:

Appendix GC Permit General Conditions
Appendix CSC Permit Common Specific Conditions

Howard L. Rhodes, Director
Division of Air Resources
Management

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION I. FACILITY INFORMATION

SUBSECTION A. FACILITY DESCRIPTION

This facility consists of a Kemco Dynabreaker portable crusher with associated equipment (a crusher, a screen, five conveyors, and a water spray system) powered by two diesel engines (Caterpillar 3408 and 4 cylinder Cummins). Fugitive dust is controlled by wetting the material being process as needed. The unit is used at asphalt plant sites to reduce the size of asphalt material.

SUBSECTION B. EMISSION UNITS

This permit addresses the following emission units at crushing system No. 1.

EMISSIONS UNIT NO.	SYSTEM	EMISSIONS UNITS DESCRIPTION
001	Raw Material Processed	Material Handling and Crushing (fugitive emissions)
002	Power	Caterpillar 3408 Diesel Engine
003	Power	Cummins Diesel Engine

SUBSECTION C. REGULATORY CLASSIFICATION

This facility has an SIC Code No. 1422 : Stone Quarrying/Processing. The relocatable plant is a Non-Title V minor source of air pollution.

SUBSECTION D. PERMIT SCHEDULE

- 01/15/98 Received application for Construction Permit.
- 01/21/98 Department letter requesting additional information.
- 01/30/98 Letter supplying the requested information received.
- 01/30/98 Construction Permit Application deemed complete.

SUBSECTION E. RELEVANT DOCUMENTS

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

- Application received January 15, 1998.
- Department's letter dated January 21, 1998.
- Brooks & Associates letter dated January 28, 1998.
- Technical Evaluation and Preliminary Determination dated February 13, 1998.
- Public Notice of Intent published in the Sun Coast Media Group on March 8, 1998.

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

SUBSECTION A. ADMINISTRATIVE

- A.1. Regulating Agencies: All documents related to the permit to operate, reports, tests, minor modifications and notifications shall be submitted to the District or County Environmental office that has jurisdiction over the facility operating these units.
- A.2. Changes/Modifications: All applications for permits to operate or modify these emission unit(s) should be submitted to the Florida Department of Environmental Protection, Bureau of Air Regulation, 2600 Blairstone Road, M.S. 5505, Tallahassee, Florida 32399-2400 and phone number (850)488-0114.
- A.3. General Conditions: The owner and operator are subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5. Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6. Expiration: This air construction permit shall expire on October 1, 1998. [Rule 62-210.300(1), F.A.C.]. The permittee may, for good cause, request that the construction permit be extended. Such a request shall be submitted to the BAR prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7. Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the portable crusher and diesel powered engines shall be in accordance with the capacities and specifications stated in the application. This facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]
- A.8. Relocation Notification: At least 7 days prior to relocating the plant to an approved county where public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification shall be on DEP Form 62-210.900(3), F.A.C. All potential operation sites shall be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated in any county on the list. A county license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a county is more than 5 years old, this form shall be submitted at least 30 days

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

in advance of the move and a new public notice is required prior to operating in the county. If the facility was never authorized to operate in the county, the permittee shall obtain an amendment to this permit prior to relocating to the county.

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

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

SUBSECTION A. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	System	EMISSION UNIT DESCRIPTION {EMISSIONS}
001	Material handling/processing	Kemco Dynabreaker Portable Crusher (fugitive particulate)
002	Power	Caterpillar 3408 Diesel Engine (products of combustion)
003	Power	4 Cyl. Cummins Diesel Engine (products of combustion)

EMISSION LIMITATIONS

A.1. The crusher processing system is subject to the General Pollutant Emission Limiting Standards, Rule 62-296.320, F.A.C., and the PM RACT regulations (Rule 62-296.700, F.A.C.). Emission unit No. 001 shall comply with all applicable provisions of Chapters 62-210, F.A.C., and 62-296, F.A.C. The process emission sources and their visible emission limits for areas designated nonattainment or maintenance for particulate matter are listed below.

<u>Emission Source</u>	<u>Visible Emission Limit (percent opacity)</u>
Jaw Crusher	5
Screens	5
Grizzly Feeder	5
Portable Discharge System	10
Truck Loading/Unloading	5

For areas that are undesignated or attainment for particulate matter, visible emissions from any crusher shall not exceed 15 percent opacity and visible emissions from any belt conveyors/transfer points shall not exceed 10 percent opacity. [Rule 62-296.800, F.A.C.]

A.2. The maximum visible emissions for Unit Nos. 002 and 003 (diesel engines) and any operation associated with the crusher system shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]

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

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

- The posted and enforced plant-wide speed limit is 5 mph;

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- The site yard, unpaved roadways, and stockpiles shall be kept wet by a water gun, water truck, and/or sprinkling system as necessary to prevent the occurrence of emissions of unconfined particulate matter (Rule 62-296.320(4)(c), F.A.C.).

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

OPERATIONAL LIMITATIONS

A.6. These emission units are allowed to operate up to 4,800 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].

A.7. The crusher may process up to 200 TPH (monthly average) and 960,000 TPY asphalt material (total).

A.8. The diesel engines may burn up to 7 GPH (total for both engines) and 33,600 GPY diesel fuel containing a maximum of 0.50 percent sulfur by weight.

TEST METHODS AND PROCEDURES

A.9. ASTM D129-91, Standard Test Method for Sulfur in Petroleum Products, shall be used to determine compliance with the sulfur limit for the fuel. Certification of the sulfur content in the diesel fuel from the supplier is also acceptable. Records of the sulfur content of each delivery shall be maintained. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(b)(1) and (2)]

A.10. For the truck loading/unloading operation and the diesel engine drive, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 1) 12 minutes in duration (or 3 batches) during truck loading, and 2) 30 minutes in duration for the diesel engines. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.

A.11. Compliance with the allowable emission limiting standards for the crusher system listed in the Specific Conditions shall be determined annually by using the following reference method as described in 40 CFR 60, Appendix A (1995, version) adopted by reference in Chapter 62-204, F.A.C. The owner or operator shall use the reference methods and procedures in 40 CFR 60, Appendix A, except as provided in 40 CFR 60.8(b). [Rule 62-296.800, F.A.C.; 40 CFR 60.675(a)]

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

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- A. 12. In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and 40 CFR 60.672(c), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
- The minimum distance between the observer and the emission unit shall be 4.57 meters (15 feet).
 - The observer shall, when possible, select a position that minimizes interference from other fugitive emission units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
 - For affected emission units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(c)(1), (2) and (3)]
- A.13. If any conveyor transfer point or affected facility for the crusher system operates indoors, that part of the facility is subject to the alternate testing and emission standards specified in 40 CFR 60.672(e). The performance test shall be conducted while all affected emission units inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(d)]
- A.14. For the method and procedure of 40 CFR 60.675(c), if emissions from two or more emission units continuously interfere so that the opacity of fugitive emissions from an individual affected emission unit cannot be read, either of the following procedures may be used:
- Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emission units contributing to the emissions stream.
 - Separate the emissions so that the opacity of emissions from each affected emission unit can be read. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(e)(1)(i) and (ii)]
- A.15. The owner or operator shall submit written reports to the appropriate regulating agency of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c) and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). [Rule 62-296.800, F.A.C.; 40 CFR 60.676(f)]

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

RECORDKEEPING AND REPORTING REQUIREMENTS

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

- The daily location and production rate.
- The daily hours of operation of the crusher system.
- Maintenance/repair logs for any work performed on equipment or instrument which is subject to this permit.
- Daily diesel fuel usage.
- Daily comments on the use of wetting agents to control fugitive dust.

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

DAILY OPERATION AND MAINTENANCE (O&M)

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

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 1.0 CONSTRUCTION REQUIREMENTS

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

SUBSECTION 2.0 EMISSION LIMITING STANDARDS

2.1 General Particulate Emission Limiting Standards. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]

2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]

- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
- (c) Reasonable precautions include the following:
 - Paving and maintenance of roads, parking areas and yards.
 - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
 - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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

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

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

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

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

SUBSECTION 3.0 OPERATION AND MAINTENANCE

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

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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

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

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

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

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

SUBSECTION 4.0 MONITORING OF OPERATIONS

4.1 Determination of Process Variables

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

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 5.0 TEST REQUIREMENTS

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

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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

SUBSECTION 6.0 REPORTS AND RECORDS

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

SUBSECTION 7.0 OTHER REQUIREMENTS

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

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

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

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

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

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

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

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

Florida Department of
Environmental Protection

Memorandum

TO: Howard L. Rhodes

THRU: Clair Fancy *CAF*
Al Linero *AL*

FROM: Willard Hanks *WH*

DATE: April 1, 1998

SUBJECT: Crusher Contractors, Inc.
Final Construction Permit for a Relocatable Crusher Unit
FID No.: 7775057-001-AC

Attached for your approval and signature is a Final Determination (including Notice of Permit and Final Permit) for a relocatable asphalt material crusher. The crusher may operate at asphalt plants throughout the state. The public notice requirements have been met for Sarasota, Desoto and Charlotte Counties.

The relocatable crusher is a minor air emission unit. It is subject to the new source performance standards for nonmetallic mineral plants, 40 CFR 60, Subpart OOO. The applicant will use reasonable precautions (wetting) to control emissions. These precautions can meet the 15 percent opacity standard for the crusher and the 10 percent opacity standard for the conveyors/transfer points.

I recommend your approval and signature of the Department's Intent.

WH/t

attachments



Department of Environmental Protection

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

February 13, 1998

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Brian P. Smith, Vice President
Crusher Contractors, Inc.
135 Timber Lane
Jupiter, Florida 33458

Re: DRAFT Permit No. 7775057-001-AC
Construction Permit for a Mobile Asphalt Crusher

Dear Mr. Smith:

Enclosed is one copy of the Draft Air Construction Permit for a mobile crusher to operate at asphalt plant sites in Florida. The Technical Evaluation and Preliminary Determination, the Department's Intent to Issue Air Construction Permit and the "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" are also included.

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

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any questions, please contact Willard Hanks at 850/921-9528.

Sincerely,

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

CHF/wh

Enclosures

In the Matter of an
Application for Permit by:

Crusher Contractors, Inc.
135 Timber Lane
Jupiter, Florida 33458

DRAFT Permit No. 7775057-001-AC
Statewide Operations

INTENT TO ISSUE AIR CONSTRUCTION PERMIT

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

The applicant, Crusher Contractors, Inc., applied on January 15, 1998, to the Department for an air construction permit for a diesel powered mobile asphalt material crusher to operate at asphalt plant industrial sites in Florida.

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

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

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

The Department will issue the FINAL Permit, in accordance with the conditions of the enclosed DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permit issuance action for a period of 14 (fourteen) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT." Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the DRAFT Permits, the Department shall issue a Revised DRAFT Permits and require, if applicable, another Public Notice.

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

Brooks & Associates, Inc.

Engineering and Environmental Consulting

17 Mar. 98

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

RECEIVED

MAR 19 1998

**BUREAU OF
AIR REGULATION**

Crusher Contractors
Relocatable Asphalt Crusher
DEP File No. 7775057-001-AC

Dear Al:

Enclosed is the original proof of publication for Crusher Contractors. They are currently working in Charlotte County and are negotiating for jobs in Dade and Palm Beach Counties. Crusher Contractors will have the letter of intent to issue published in each county in which they are awarded a contract.

If you have any further questions please call me at 954-796-1980.

Sincerely,



Eugene D. Schaltenbrand, P.E.

cc: Mr. Brian Smith
Crusher Contractors Co.
135 Timber Lane
Jupiter, FL 33458



A SUN COAST MEDIA GROUP, INC PUBLICATION

Printers and Publishers of
Charlotte Sun Herald
Englewood Sun Herald
North Port Sun Herald
DeSoto Sun Herald
Venice Gondolier

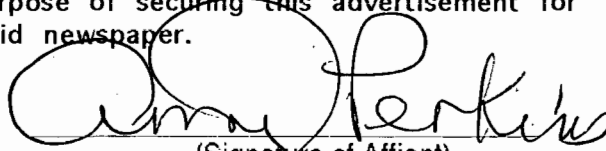
PUBLISHER'S AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA,
COUNTY OF Charlotte

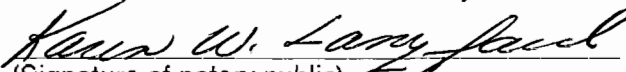
Before the undersigned personally appeared Amy Perkins who on oath says she is Legal Clerk of the {Charlotte Sun Herald, Englewood Sun Herald, DeSoto Sun Herald, North Port Sun Herald, Venice Gondolier} a newspaper printed at Charlotte Harbor in Charlotte County, Florida; that the attached copy of advertisement being Legal Advertising in the matter of Public Notice in the issues of:

March 9, 1998

Affiant further says that the said newspaper has heretofore been continuously published in Charlotte County, Florida, Sarasota County, Florida, and DeSoto County, Florida, each day and has been entered as Second-Class mail matter at the Post Office in Punta Gorda, in said Charlotte County, Florida and at additional mailing offices, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.


(Signature of Affiant)

Sworn to and subscribed before me this 9th day of March 1998.


(Signature of notary public)



**PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

DRAFT Permit No. 7775057-001-AC
Portable Asphalt Material Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Crusher Contractors, Inc., for a diesel engine powered portable asphalt material crusher that will be operated at asphalt plants throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rul 62-212.400.F.A.C. A Best Available Control Technology determination was not required for the unit. The applicant's name and address are: Crusher Contractors, Inc., 135 Timber Lane, Jupiter, Florida 33458.

The applicant proposes to construct and operate a portable asphalt crusher, powered by diesel engines at asphalt plants in counties in Florida that this notice appear in. The crusher will emit particulate matter and the products of combustion from the diesel fuel.

Maximum emissions of pollutants from this facility (crusher and 2 diesel engines) are estimated to be

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM10)	5.2	4.5
Nitrogen Oxidens (NOx)	4.4	10.6
Carbon Monoxide (CO)	1.0	2.4
Sulfur dioxide (SO2)	0.3	0.7
Volatile Organic Compounds (VOC)	0.4	1.0

The facility is not expected to cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance on a period of 14 (fourteen) days from the date of publication of this Notice. Written comments approved to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the Department shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

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

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modifications of the Department's action or proposed action.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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

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

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

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

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

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

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

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

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

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

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

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

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

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301 or call 850/488-1344, for additional information.

Publish: March 9, 1998
0500443 0101913

Is your RETURN ADDRESS completed on the reverse side?

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

I also wish to receive the following services (for an extra fee):
 1. Addressee's Address
 2. Restricted Delivery
 Consult postmaster for fee.

3. Article Addressed to:
 Brian P. Smith, VP
 Crusher Contractors, Inc.
 135 Triben Lane
 Jupiter, FL
 33458

4a. Article Number
 P265 659 294

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

7. Date of Delivery
 2/18

5. Received By: (Print Name)

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

6. _____
 PS _____

Thank you for using Return Receipt Service.

Receipt

P 265 659 294

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

Sent to	Brian P Smith
Street & Number	Crusher Contractors
Post Office, State, & ZIP Code	Jupiter, FL
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	2-16-98
	775057-001-AC

PS Form 3800 April 1995

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9730, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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

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

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

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of

the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.



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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AIR CONSTRUCTION PERMIT (including the PUBLIC NOTICE, Technical Evaluation and Preliminary Determination, and the DRAFT permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 2-16-98 to the person(s) listed:

Mr. Brian Smith, Crusher Contractors, Inc. *
District Air Program Administrators
County Air Program Administrators
Mr. Eugene Schaltenbrand, Brooks & Assoc.

Clerk Stamp

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

Keri Jober 2-16-98
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No. 7775057-001-AC
Portable Asphalt Material Crusher

**NOTICE TO BE PUBLISHED
IN THE NEWSPAPER**

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Crusher Contractors, Inc. for a diesel engine powered portable asphalt material crusher that will be operated at asphalt plants throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for the unit. The applicant's name and address are: Crusher Contractors, Inc., 135 Timber Lane, Jupiter, Florida 33458.

The applicant proposes to construct and operate a portable asphalt crusher powered by diesel engines at asphalt plants in counties in Florida that this notice appear in. The crusher will emit particulate matter and the products of combustion from the diesel fuel.

Maximum emissions of pollutants from this facility (crusher and 2 diesel engines) are estimated to be:

<u>Pollutant</u>	<u>Hourly Emissions</u> pounds per hour	<u>Annual Emissions</u> tons per year
Particulate matter(PM/PM ₁₀)	5.2	4.5
Nitrogen Oxides (NO _x)	4.4	10.6
Carbon Monoxide (CO)	1.0	2.4
Sulfur dioxide (SO ₂)	0.3	0.7
Volatile Organic Compounds (VOC)	0.4	1.0

The facility is not expected to cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

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

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

Draft Permit No. 7775057-001-AC
Page 2 of 3

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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

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

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

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

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

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

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

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

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

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

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

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

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

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION

Crusher Contractors, Inc.

Portable Asphalt Material Crusher
State Wide Operation

Air Construction Permit Number:

7775057-001-AC

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

February 13, 1998

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

1. APPLICATION INFORMATION

1.1 Applicant's Name and Address

Mr. Brian P. Smith, Vice President
Crusher Contractors, Inc.
135 Timber Lane
Jupiter, Florida 33458

1.2 Reviewing and Process Schedule

January 15, 1998	Date of Receipt of Application
January 21, 1998	Department's Incompleteness Letter
January 30, 1998	Response to DEP January 21 letter

2. FACILITY INFORMATION

2.1 This application is for a 200 TPH Kemco Dynabreaker relocatable asphalt material crushing unit that may be operated throughout Florida.

Major components of the crusher system are a crusher, screen, conveyors, two diesel engines, and a water spray system to control fugitive dust emissions.

The portable crusher emits particulate matter from the handling and crushing of asphalt material and the normal products of combustion from the diesel fuel burned in the diesel engines used to power the crusher. Water will be added to the material being processed as needed to control fugitive dust emissions.

2.2 Standard Industrial Classification Code (SIC)

Major Group No.	14	Mining and Quarrying of Nonmetallic Minerals
Group No.	1400	Asphalt Material Processing

2.3 Facility Category

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

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

Based on the specific conditions in the draft permits and the physical restrictions of the equipment, this facilities is classified as minor sources of air pollution.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

3. PROJECT DESCRIPTION

3.1 The permit for this facility addresses the following emission units:

EMISSION UNIT NO.	Plt. ID SYSTEM	FACILITY DESCRIPTION
001	1	200 TPH Kemco Dynabreaker Portable Crusher
002	2	Caterpillar Model 3408 Diesel Engine
003	3	Cummins Diesel Engine

4. PROCESS DESCRIPTION

4.1 General Information

Asphalt material is fed to the crusher and reduced in size. The crushed material is screened and stored in an open area. Dust from the crushing of the material will be controlled by wetting with water when necessary. Power for the units comes from diesel engines which burn a maximum of 5 gallons per hour (GPH) of fuel containing up to 0.5 percent sulfur by Unit 002 and 2 GPH by Unit 003.

5. RULE APPLICABILITY

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

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

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

The crushing system is subject to Rule 62-296.700, F.A.C., Reasonable Available Control Technology for particulate matter (PM RACT), when operated in a maintenance area for particulate matter (parts of Duval and Hillsborough Counties).

The unit is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, because asphalt material is primarily sand and gravel.

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

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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

6. SOURCE IMPACT ANALYSIS

6.1 Emission Limitations

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

6.2 Emission Summary

The facility is a minor sources for all criteria air pollutants. Following are the estimated emissions from the unit which are based on processing 200 TPH material while burning 7 GPH diesel fuel during 4,800 hours per year operation.

Pollutants	Hourly Emissions lb/hr	Annual Emissions TPY
Crusher		
PM/PM ₁₀	4.9	3.8
Diesel Power		
NO _x	4.4	10.6
SO ₂	0.3	0.7
CO	1.0	2.4
PM/PM ₁₀	0.3	0.7
VOC	0.4	1.0

6.3 Control Technology Review

The crusher unit and associated screens and conveyors are potential sources of fugitive particulate matter emissions. Emissions from the process equipment and work area shall be controlled by wetting the asphalt material when needed.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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

The federal regulations limit visible emissions from the crusher to 15 percent opacity and from the belt conveyors/transfer points to 10 percent opacity. The state regulations for this facility limit visible emissions of the diesel engines and other parts of the operation to 20 percent opacity.

The Reasonably Available Control Technology regulations for these operations (Rule 62-296.711, F.A.C.) limit visible emissions to 5 percent opacity. Thus, when this facility operates in maintenance areas for particulate matter (parts of Duval and Hillsborough Counties), it will have to control the visible emissions to the more restrictive emission standards.

Emissions from this facility are limited by production and hours per year operation limits.

6.4 Air Quality Analysis

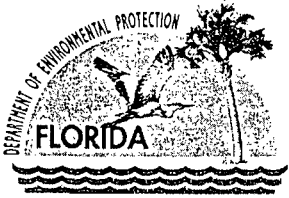
An air quality analysis was not conducted for this unit. The Department does not expect the emissions from this operation to have a significant impact on the ambient air quality.

7. CONCLUSION

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

Permit Engineer: Willard Hanks

Reviewed and Approved by C. H. Fancy, P.E.



Department of Environmental Protection

DRAFT

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

PERMITTEE:

Crusher Contractors, Inc.
135 Timber Lane
Jupiter, Florida 33458

FID No.	7775057
Permit No.	7775057-001-AC
Expires:	October 1, 1998

Authorized Representative:

Mr. Brian P. Smith, Vice President

PROJECT AND LOCATION:

This permit authorizes Crusher Contractors, Inc. to construct a diesel engine powered portable asphalt material crusher for statewide operation. This facility may operate in any county covered by a notice of intent to issue air permit published within 5 years of the proposed relocation and at any asphalt plant industrial sites listed on the Notification of Intent to Relocate Air Pollutant Emitting Facility provided a permit for this facility has been issued or amended to authorize operation in the county.

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

STATEMENT OF BASIS:

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

Attached appendices and Tables are made a part of this permit:

Appendix GC Permit General Conditions
Appendix CSC Permit Common Specific Conditions

Howard L. Rhodes, Director
Division of Air Resources
Management

SUBSECTION A. FACILITY DESCRIPTION

This facility consist of a Kemco Dynabreaker portable crusher with associated equipment (crusher, one screen, five conveyors, and a water spray system) powered by two diesel engines (Caterpillar 3408 and 4 cylinder Cummins). Fugitive dust is controlled by wetting the material being process as needed. The unit is used at asphalt plant industrial sites to reduce the size of asphalt material.

SUBSECTION B. EMISSION UNITS

This permit addresses the following emission units at crushing system No. 1.

EMISSIONS UNIT NO.	SYSTEM	EMISSIONS UNITS DESCRIPTION
001	Raw Material Processed	Material Handling and Crushing (fugitive emissions)
002	Power	Caterpillar 3408 Diesel Engine
003	Power	Cummins Diesel Engine

SUBSECTION C. REGULATORY CLASSIFICATION

This facility has an SIC Code No. 1422 : Stone Quarrying/Processing. The relocatable plant is a Non-Title V minor source of air pollution.

SUBSECTION D. PERMIT SCHEDULE

- 01/15/98 Received application for Construction Permit.
- 01/21/98 Department letter requesting additional information.
- 01/30/98 Letter supplying the requested information received.
- 01/30/98 Construction Permit Application deemed complete.

SUBSECTION E. RELEVANT DOCUMENTS

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

- Application received January 15, 1998.
- Department's letter dated January 21, 1998.
- Brooks & Associates letter dated January 28, 1998..
- Technical Evaluation and Preliminary Determination dated XXXXXX
- Public Notice of Intent published in the XXXXXX on XXXXX.

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

DRAFT

SUBSECTION A. ADMINISTRATIVE

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

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

DRAFT

in advance of the move and a new public notice is required prior to operating in the county. If the facility was never authorized to operate in the county, the permittee shall obtain an amendment to this permit prior to relocating to the county.

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

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

DRAFT

SUBSECTION A. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	System	EMISSION UNIT DESCRIPTION {EMISSIONS}
001	Material handling/processing	Kemco Dynabreaker Portable Crusher (fugitive particulate)
002	Power	Caterpillar 3408 Diesel Engine (products of combustion)
003	Power	4 Cyl. Cummins Diesel Engine (products of combustion)

EMISSION LIMITATIONS

A.1. The crusher processing system is subject to the General Pollutant Emission Limiting Standards, Rule 62-296.320, F.A.C., and the PM RACT regulations (Rule 62-296.700, F.A.C.). Emission unit No. 001 shall comply with all applicable provisions of Chapters 62-210, F.A.C., and 62-296, F.A.C. The process emission sources and their visible emission limits for areas designated nonattainment or maintenance for particulate matter are listed below.

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

For areas that are undesignated or attainment for particulate matter, visible emissions from any crusher shall not exceed 15 percent opacity and visible emissions from any belt conveyors/transfer points shall not exceed 10 percent opacity. [Rule 62-296.800, F.A.C.]

- A.2. The maximum visible emissions for Unit Nos. 002 and 003 (diesel engines) and any part of the crusher system operation shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]
- A.3. In order to minimize excess emissions during startup/shutdown/malfunction this emission units shall adhere to best operational practices. [Rule 62-210.700, F.A.C. and 40 CFR 60.7]
- A.4. The following work practices (reasonable precautions) shall be followed:
- The posted and enforced plant-wide speed limit is 5 mph;

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- The site yard, unpaved roadways, and stockpiles are kept wet by water gun, water truck, and/or sprinkling system as necessary to prevent the occurrence of emissions of unconfined particulate matter (Rule 62-296.320(4)(c), F.A.C.).

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

OPERATIONAL LIMITATIONS

A.6. These emission units are allowed to operate up to 4,800 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].

A.7. The crusher may process up to 200 TPH (monthly average) and 960,000 TPY asphalt material (total).

A.8. The diesel engines may burn up to 7 GPH (total for both engines) and 33,600 GPY diesel fuel containing a maximum of 0.50 percent sulfur by weight.

TEST METHODS AND PROCEDURES

A.9. ASTM D129-91, Standard Test Method for Sulfur in Petroleum Products, shall be used to determine compliance with the sulfur limit for the fuel. Certification of the sulfur content in the diesel fuel from the supplier is also acceptable. Records of the sulfur content of each delivery shall be maintained. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(b)(1) and (2)]

A.10. For the truck loading/unloading operation and the diesel engine drive, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 1) 12 minutes in duration (or 3 batches) during truck loading, and 2) 30 minutes in duration for the diesel engines. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.

A.11. Compliance with the allowable emission limiting standards for the crusher system listed in the Specific Conditions shall be determined annually by using the following reference method as described in 40 CFR 60, Appendix A (1995, version) adopted by reference in Chapter 62-204, F.A.C. The owner or operator shall use the reference methods and procedures in 40 CFR 60, Appendix A, except as provided in 40 CFR 60.8(b). [Rule 62-296.800, F.A.C.; 40 CFR 60.675(a)]

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

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

DRAFT

- A. 12. In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and 40 CFR 60.672(c), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
- The minimum distance between the observer and the emission unit shall be 4.57 meters (15 feet).
 - The observer shall, when possible, select a position that minimizes interference from other fugitive emission units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
 - For affected emission units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(c)(1), (2) and (3)]
- A.13. If any conveyor transfer point or affected facility for the crusher system operates indoors, that part of the facility is subject to the alternate testing and emission standards specified in 40 CFR 60.672(e). The performance test shall be conducted while all affected emission units inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(d)]
- A.14. For the method and procedure of 40 CFR 60.675(c), if emissions from two or more emission units continuously interfere so that the opacity of fugitive emissions from an individual affected emission unit cannot be read, either of the following procedures may be used:
- Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emission units contributing to the emissions stream.
 - Separate the emissions so that the opacity of emissions from each affected emission unit can be read. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(e)(1)(i) and (ii)]
- A.15. The owner or operator shall submit written reports to the appropriate regulating agency of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c) and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). [Rule 62-296.800, F.A.C.; 40 CFR 60.676(f)]

AIR CONSTRUCTION PERMIT 7775057-001-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

RECORDKEEPING AND REPORTING REQUIREMENTS

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

- The daily location and production rate.
- The daily hours of operation of the crusher system.
- Maintenance/repair logs for any work performed on equipment or instrument which is subject to this permit.
- Daily diesel fuel usage.
- Daily comments on the use of wetting agents to control fugitive dust.

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

DAILY OPERATION AND MAINTENANCE (O&M)

A.17. The permittee shall keep an O&M plan for the air pollution control equipment with the facility. The O&M log shall include the list the parameters being monitored, the frequency of the check/maintenance, observations, and comments.

A.18. This facility shall maintain a central file containing all measurements, records, and other data that are required to be collected pursuant to the various specific conditions of this permit.

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

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

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

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

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

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

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

APPENDIX CSC EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 1.0 CONSTRUCTION REQUIREMENTS

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

SUBSECTION 2.0 EMISSION LIMITING STANDARDS

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

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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

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

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

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

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

SUBSECTION 3.0 OPERATION AND MAINTENANCE

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

APPENDIX CSC**EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS**

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

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

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

(a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Regulating Authority office for longer duration. [Rule 62-210.700(1), F.A.C.]

(b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

(c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify Regulating Authority within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

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

SUBSECTION 4.0 MONITORING OF OPERATIONS

4.1 Determination of Process Variables

(a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 5.0 TEST REQUIREMENTS

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

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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

SUBSECTION 6.0 REPORTS AND RECORDS

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

SUBSECTION 7.0 OTHER REQUIREMENTS

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

Florida Department of
Environmental Protection

Memorandum

TO: Clair Fancy

THRU: Al Linero

FROM: Willard Hanks *wmh*

DATE: February 13, 1998

SUBJECT: Crusher Contractors, Inc.
Draft Construction Permit for a Relocatable Crusher Unit
FID No.: 7775057-001-AC

Attached for your approval and signature is a Technical Evaluation and Preliminary Determination (including Intent, Public Notice, and Draft Permit) for a relocatable asphalt material crusher. The crusher will operate at asphalt plants throughout the state.

The relocatable crusher is a minor air emission unit. It is subject to the new source performance standards for nonmetallic mineral plants, 40 CFR 60, Subpart OOO. The applicant will use reasonable precautions (wetting) to control emissions. These precautions can meet the 15 percent opacity standard for the crusher and the 10 percent opacity standard for the conveyors/transfer points.

I recommend your approval and signature of the Department's Intent.

WH/t

attachments

Brooks & Associates, Inc.

Engineering and Environmental Consulting

28 Jan. 98

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

RECEIVED

JAN 02 1998

**BUREAU OF
AIR REGULATION**

Crusher Contractors
Relocatable Asphalt Crusher
DEP File No. 7775057-001-AC


Dear Al:

Thanks for your prompt attention to the permit application we submitted for Crusher Contractors. I have discussed your letter with Mr. Brian Smith and we wish to respond as follows:

1. The crusher in question was built in 1988. So, rather than possibly subject its operation to 40 CFR 60, Subpart 000, we ask that its operation be limited to recycled asphalt materials.
2. There is a water spray internal to the crusher. I have added it to the flow diagram - revised copy attached.
3. The crusher will only operate at asphalt plants.
4. Crusher Contractors consider the whole Southeast United States as their operating territory. The actual location of their operations is determined by whether or not they are the successful bidder on a particular job. We will discuss with DEP's Counsel just where and when publication is required.
5. The prime mover on the system is a Cat 3408 that consumes 5GPH or less. This unit has a 4" diameter exhaust pipe approximately 10' above grade. The smaller engine is a 4 Cyl. Cummings that consumes 2 GPH or less and has a 2" diameter exhaust pipe about 6' above grade.

If you have any further questions please call me at 954-796-1980.

Sincerely,



Eugene D. Schaltenbrand, P.E.

cc: Mr. Brian Smith

- 1 Crusher
- 2 Crusher Conveyor #1
- 3 Conveyor #2
- 4 Conveyor #3
- 5 Screen
- 6 Conveyor #4
- 7 Conveyor #5
- 8 Water Spray

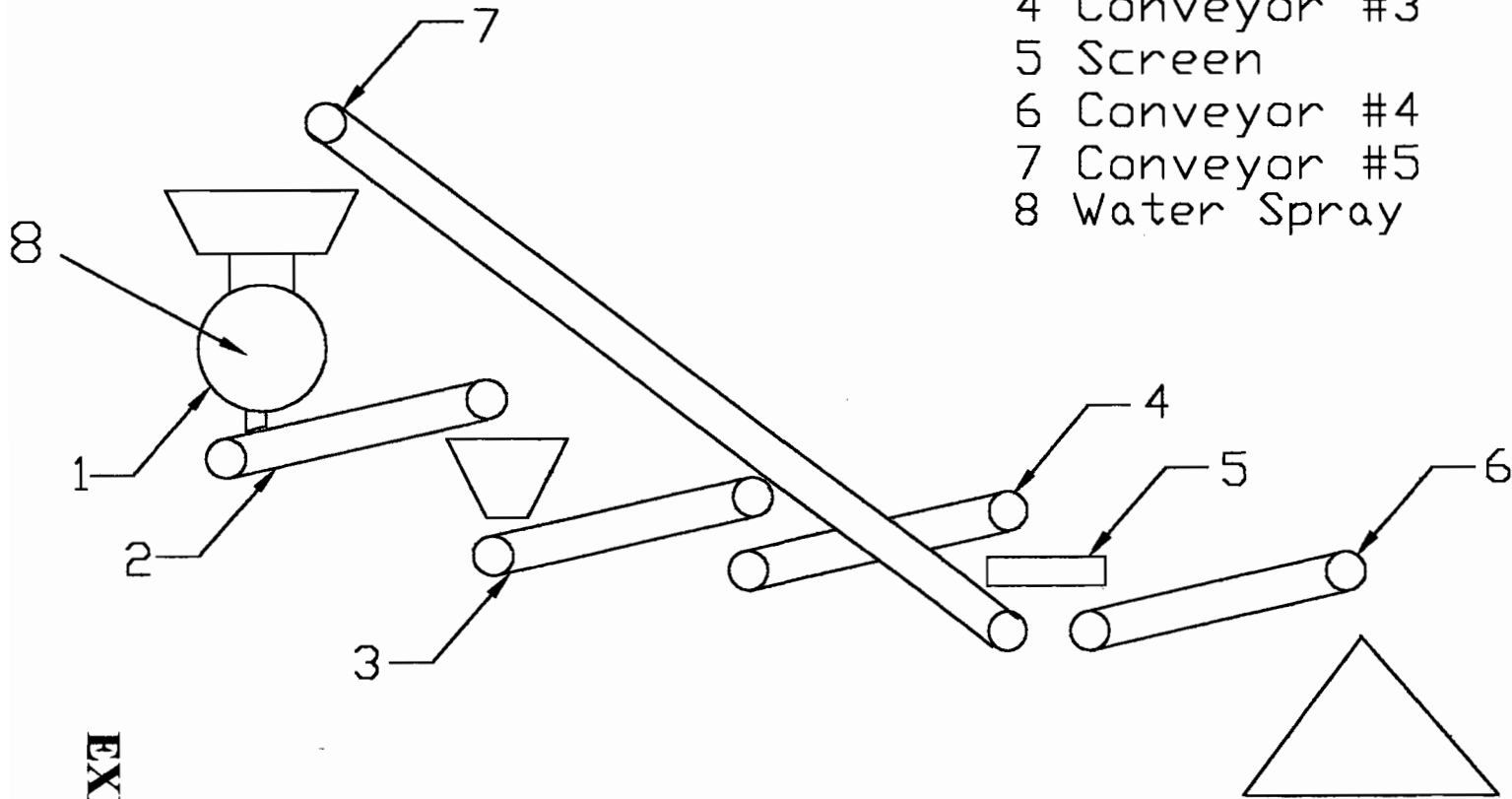


EXHIBIT B

BROOKS & ASSOCIATES
FLOW DIAGRAM FOR
CRUSHER CONTRACTORS



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

January 21, 1998

CERTIFIED MAIL -- RETURN RECEIPT REQUESTED

Mr. Brian P. Smith, Vice President
Crusher Contractors, Inc.
135 Timber Lane
Jupiter, Florida 33458

Re: Relocatable Asphalt/Concrete Crusher
DEP File No. 7775057-001-AC

Dear Mr. Smith:

The Department has reviewed your application for permit to construct a relocatable 200 TPH Kemco Dynabreaker asphalt/concrete crusher. We need the additional information listed below to process this application.

1. Concrete crushers built after August 1, 1985 are subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. Please document that your unit was built before the effective date of the federal regulations or that the crusher can meet the opacity limits specified in these regulations.
2. What procedures are used to control unconfined particulate matter emissions from the crusher? Please show any water spray systems on the process flow diagram.
3. Is the crusher operated at other than construction or industrial sites? If so, please list the typical sites where the crusher will operate.
4. In what areas of the state do you propose to operate this unit?
5. Please provide a general description of the two diesel engines that power the crusher. Include the maximum fuel consumption of each engine and the stack (exhaust) parameters (diameter and height).

The Department will resume processing this application after receipt of the requested information. If you have any questions on this matter, please call Willard Hanks at 850/921-9528.

Sincerely,

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

AAL/wh

cc: Isidore Goldman, SED
David Knowles, SD
Eugene Schaltenbrand, Brooks & Assoc.

Fold at line over top of envelope to
the right of the return address

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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

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

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Brian P. Smith, VP
Crusher Contractors
135 Simber Lane
Jupiter, FL
33458

4a. Article Number

P 265 659 283

4b. Service Type

- Registered
- Express Mail
- Return Receipt for Merchandise
- Certified
- Insured
- COD

7. Date of Delivery

1/23

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X *Brian Smith*

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

Thank you for using Return Receipt Service.

PS Form 3811, December 1994

Domestic Return Receipt

P 265 659 283

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to		<i>Brian Smith</i>
Street & Number		<i>Crusher Contractors</i>
Post Office, State, & ZIP Code		<i>Jupiter, FL</i>
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, & Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date		<i>1-21-98</i>
		<i>7775057-001-AC</i>

PS Form 3800, April 1995

Crusher Contractors, Inc.

135 Timber Lane
Jupiter, FL 33458

Phone (561) 747-3155

January 12, 1998

Mr. Willard Hanks
Dept. of Environmental Protection
Division of Air Resource Management
Mail Station 5505
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Hanks,

7775057-001-AC

Enclosed please find four copies of application for an air permit for our portable asphalt crusher. Also, enclosed is a company check in the amount of \$250.00 to cover the cost of the permit. Thank you for your prompt attention to this matter.

Sincerely,



Brian P. Smith
Vice-President
Crusher Contractors, Inc.

RECEIVED

JAN 15 1998

BUREAU OF
AIR REGULATION

ACTIVE
ASSETS
ACCOUNT

CRUSHER CONTRACTORS INC.
135 TIMBER LANE
JUPITER, FL 33458
(561)-747-3155

0644

25-80/440

1-13 19 98


PAY TO THE
ORDER OF

FL. Dept. of Environmental Prot.

\$ 250.⁰⁰

Two hundred fifty and ⁰⁰/₁₀₀


DOLLARS  Security features included. Details on back.

 DEAN WITTER REYNOLDS INC.

BANK ONE
BANK ONE, COLUMBUS NA
Columbus, Ohio 43271

A B C D E F G K L M N P R S T U V W Y Z 1 2 3 4 5 6 7 8 9 0

MEMO

Brian Smith 

MP

**Department of
Environmental Protection**

**DIVISION OF AIR RESOURCES MANAGEMENT
APPLICATION FOR AIR PERMIT - LONG FORM**

I. APPLICATION INFORMATION

Identification of Facility Addressed in This Application

1. Facility Owner/Company Name : Crusher Contractors Co.		
2. Site Name : Community Asphalt		
3. Facility Identification Number :		<input checked="" type="checkbox"/> Unknown
4. Facility Location : Crusher Contractors Co.		
Street Address or Other Locator : City : West Palm Beach		7795 Hooper Rd. County : Palm Beach Zip Code : 33411-
5. Relocatable Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		6. Existing Permitted Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

air ID # 7775057-001-AC

RECEIVED

JAN 15 1998

BUREAU OF
AIR REGULATION

I. Part 1 - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official :

Name : Mr. Brian P. Smith
Title : Owner

2. Owner or Authorized Representative or Responsible Official Mailing Address :

Organization/Firm : Crusher Contractors Co.
Street Address : 135 Timber Lane
City : Jupiter
State : FL Zip Code : 33458-____

3. Owner/Authorized Representative or Responsible Official Telephone Numbers :

Telephone : (561)747-3155 Fax :

4. Owner/Authorized Representative or Responsible Official Statement :

I, the undersigned, am the owner or authorized representative of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions units.*

Brian P. Smith
Signature

1-13-98
Date

* Attach letter of authorization if not currently on file.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type
Unknown	Kemco Dynabreaker portable crusher	AC1E

Purpose of Application and Category

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

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.

Operation permit to be revised/corrected :

-] Air operation permit revision for a Title V source for reasons other than construction or

I. Part 4 - 1

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modification of an emissions unit.

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.

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.

Operation permit to be revised :

Reason for revision :

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

This Application for Air Permit is submitted to obtain :

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

Current operation permit number(s), if any :

I. Part 4 - 2

DEP Form No. 62-210.900(1) - Form

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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.

I. Part 4 - 3

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Application Processing Fee

Check one :

[X] Attached - Amount : \$250.00 [] Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations : This is a portable diesel engine driven crusher used to reprocess asphalt and concrete. The system has one crusher, five conveyors, one screen, two hoppers, and two diesel engines.
2. Projected or Actual Date of Commencement of Construction :
3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name : Eugene D. Schaltenbrand Registration Number : 51098
2. Professional Engineer Mailing Address : Organization/Firm : Brooks & Associates Street Address : 5068 NW 85th Rd City : Coral Springs State : FL Zip Code : 33065-____
3. Professional Engineer Telephone Numbers : Telephone : (954)796-1980 Fax : (954)796-3058

4. Professional Engineer Statement :

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

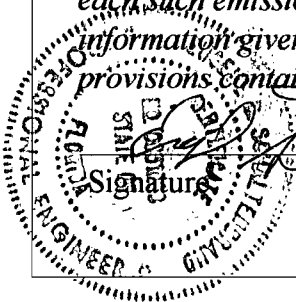
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollutant control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions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

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

If the purpose of this application is to obtain a Title V source air operation permit (check here [] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

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

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



Signature

11 Jan 98
Date

* Attach any exception to certification statement.

I. Part 6 - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

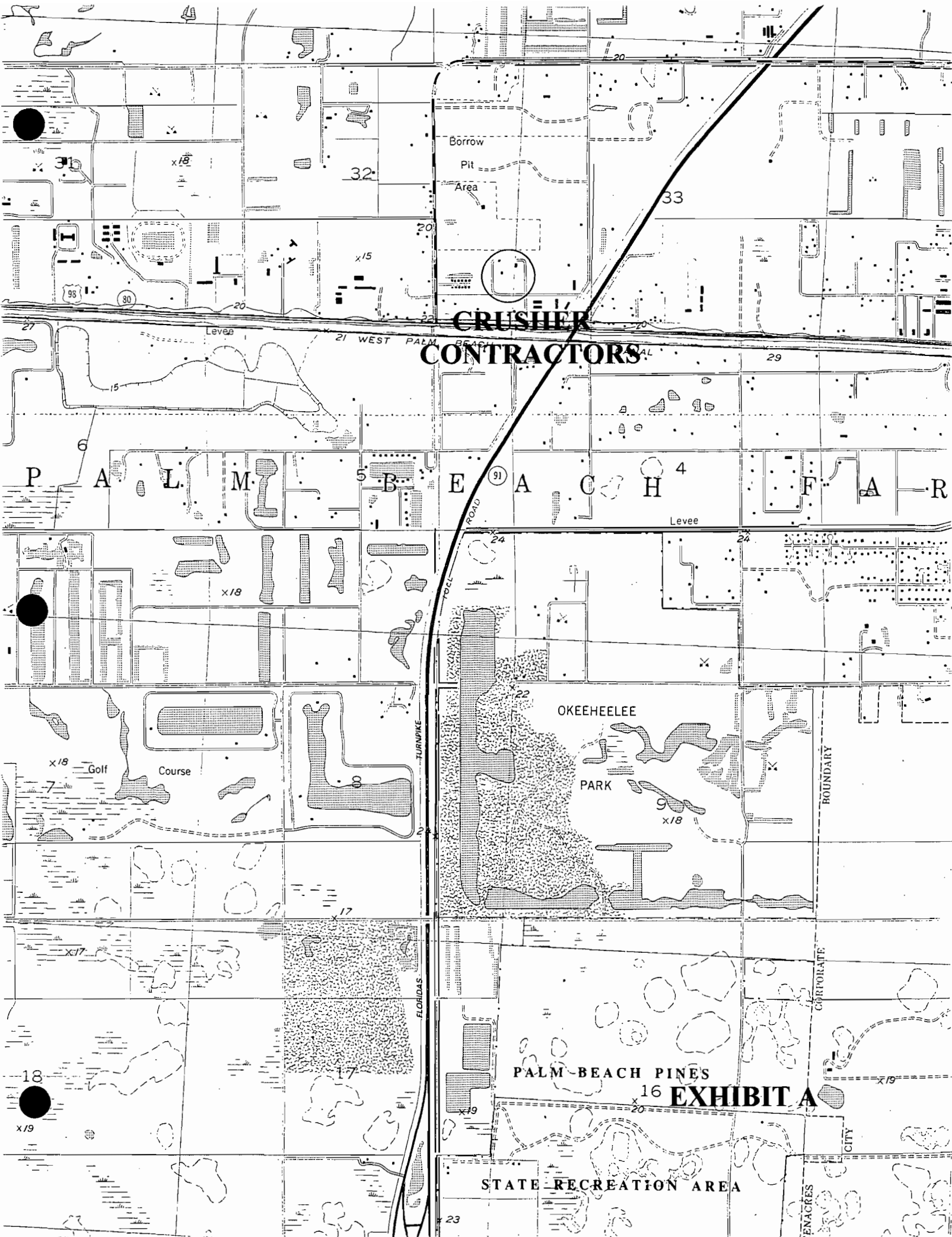
Application Contact

1. Name and Title of Application Contact :
Name : Mr. Brian P. Smith Title : Owner
2. Application Contact Mailing Address :
Organization/Firm : Crusher Contractors Co. Street Address : 135 Timber Lane City : Jupiter State : FL Zip Code : 33458-
3. Application Contact Telephone Numbers :
Telephone : (561)747-3155 Fax :

Application Comment

This unit is portable and will probably be re-located to another site probably in Florida within the next two months. It is part of a contract operation and moves frequently from site to site.

CRUSHER CONTRACTORS



Borrow Pit Area

Levee

21 WEST PALM BEACH

P A L M B E A C H

Levee

TURNPIKE

OKEEHEELE

PARK

BOUNDARY

P A L M B E A C H P I N E S

EXHIBIT A

STATE RECREATION AREA

CORPORATE

CITY

ENACRES

- 1 Crusher
- 2 Crusher Conveyor #1
- 3 Conveyor #2
- 4 Conveyor #3
- 5 Screen
- 6 Conveyor #4
- 7 Conveyor #5

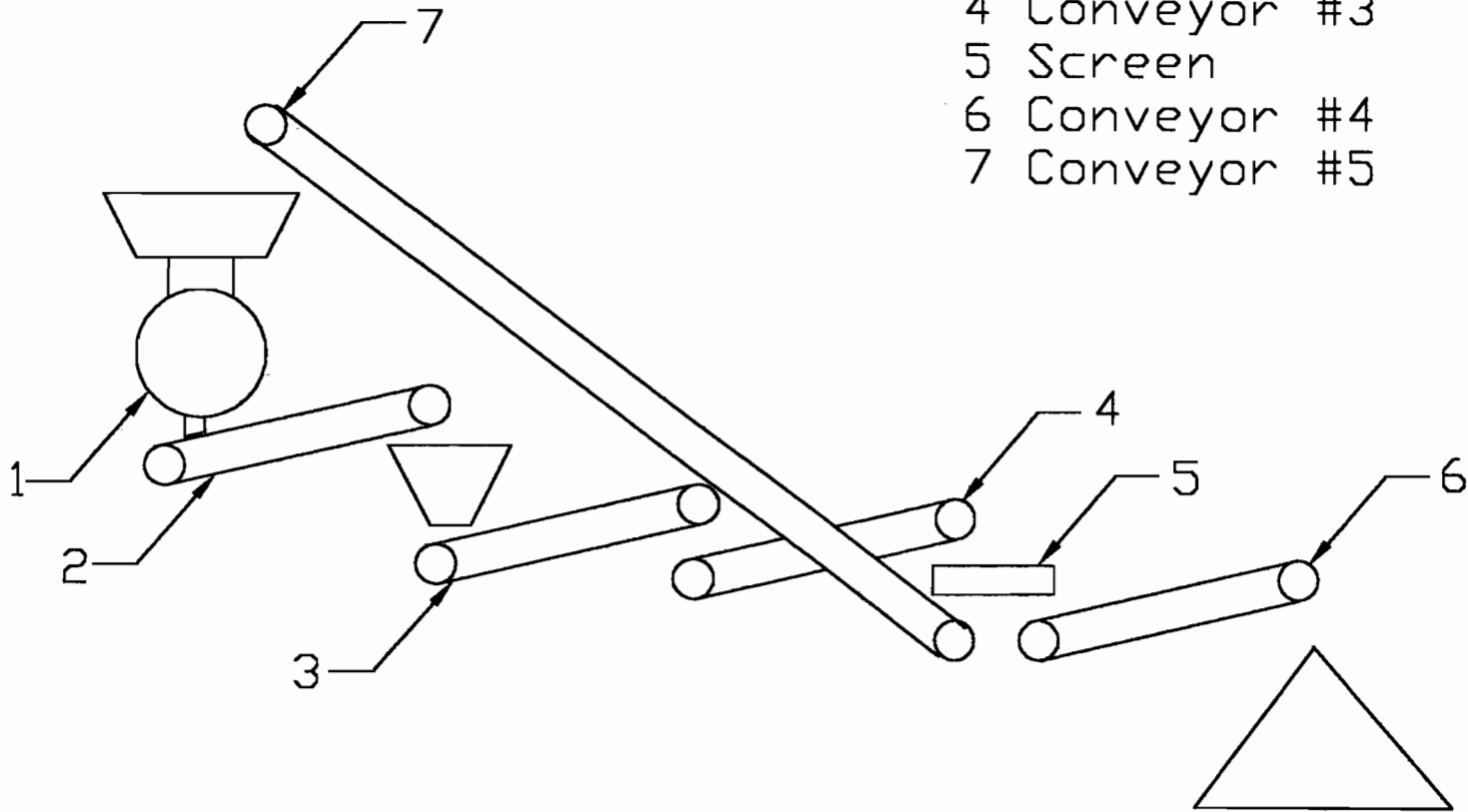


EXHIBIT B

BROOKS & ASSOCIATES
 FLOW DIAGRAM FOR
 CRUSHER CONTRACTORS

CRUSHER CONTRACTORS CO.

135 Timber Lane
Jupiter, FL 33458

Construction Permit
ELSA DISK 1

Brooks & Associates
5068 NW 85th Road
Coral Springs, FL 33067
954-796-1987

CRUSHER CONTRACTORS CO.

135 Timber Lane
Jupiter, FL 33458

Construction Permit

954-796-1987

CRUSHER CONTRACTORS CO.

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