

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMIT

In the Matter of an  
Application for Permit


Mr. Tommy Hawkins  
President  
T.R.S. Concrete Recycling, Inc.  
909 Barrel Avenue  
Ft. Pierce, Florida 34982

DEP File No. 7775058-001-AC  
Relocatable Facility

Enclosed is Permit Number 7775058-001-AC for a portable concrete and asphalt material crusher with a diesel engine drive. 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.

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

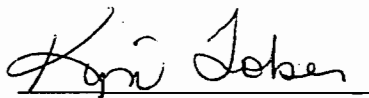
CERTIFICATE OF SERVICE

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 5-15-98 to the person(s) listed:

Mr. Tommy Hawkins, T.R.S. Concrete Recycling Inc. \*  
Mr. Isidore Goldman, SED  
Mr. David Knowles, SD  
Ms. Daniela Banu, Broward Co. DERM  
Mr. Patrick Wong, Dade Co. DERM  
Mr. James Stormer, PBCHD  
Mr. Jan Browing, Lindahl, Browing, Ferrari & Hellstrom, Inc.

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) 5-15-98  
(Date)

**FINAL DETERMINATION**

**T.R.S. Concrete Recycling, Inc.**

Permit No. 7775058-001-AC

**Relocatable Concrete and 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 April 15, 1998. The Public Notice of Intent to Issue Air Construction Permit was published in the Tribune newspapers on April 23, 1998. This newspapers have circulation in St. Lucie County.

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 within the county where the public notice requirements have been met. The permit shall be amended before the unit can operate in other counties in Florida.

## Memorandum

## Florida Department of Environmental Protection

TO: Howard L. Rhodes

THRU: Clair Fancy  
Al Linero

*ay* 5/13

*Kim*

FROM: Willard Hanks

DATE: May <sup>13</sup>15, 1998

SUBJECT: T.R.S. Concrete Recycling, Inc.  
Final Construction Permit for a Relocatable Crusher Unit  
FID No.: 7775058-001-AC

Attached for your approval and signature is a Final Determination (including Notice of Permit and Final Permit) for a relocatable concrete and asphalt material crusher. The crusher may operate at different sites in Southeast Florida. The public notice requirements have been met for St. Lucie County.

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 this permit.

WH/t

attachments

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete item
- Complete return
- Print your name and address on the card to you.
- Attach this form to the front of the mailpiece, if it 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.

Can return this

does not

to receive services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Tommy Hawkins, Pres.  
TRS Concrete Recycling  
909 Barrel Avenue  
St. Pierce, FL 34982  
N. Petty

4a. Article Number

P 265 659 349

4b. Service Type

- |   |   |
|---|---|
| <input type="checkbox"/> Registered                     | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured              |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

7. Date of Delivery

5/18/98

5. Received By: (Print Name)

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

6. Signature: (Addressee or Agent)

X N. Petty

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 349

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to		Tommy Hawkins	
Street & Number		TRS Concrete	
Post Office, State, & ZIP Code		St. Pierce, 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		5-15-98	
		7775058-001-AC	

PS Form 3800, April 1995



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

## PERMITTEE:

T.R.S. Concrete Recycling, Inc.  
909 Barrel Avenue  
Ft. Pierce, Florida 34982

FID No.	7775058
Permit No.	7775058-001-AC
Expires:	December 31, 1998

*Authorized Representative:*  
Mr. Tommy Hawkins, President

## PROJECT AND LOCATION:

This permit authorizes T.R.S. Concrete Recycling, Inc. to construct a diesel engine powered portable concrete and asphalt material crusher for operation in Southeast Florida. This facility may operate in any county covered by a notice of intent to issue an air permit published within 5 years of the proposed relocation and at any 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 St. Lucie County on April 23, 1998.


It may operate in other counties within the state provided that the public notice requirements have been met in the counties and the facility'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 facility 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 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 7775058-001-AC**  
**SECTION I. FACILITY INFORMATION**

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**FACILITY DESCRIPTION**

This facility consists of a Hartz Minitrack portable impact crusher with associated equipment (a crusher, a screen, conveyors, and a water spray system) powered by a diesel engine (Caterpillar 3126). Fugitive dust is controlled by wetting the material being processed as needed. The facility is used to reduce the size of concrete and asphalt material.

**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 3216 Diesel Engine (products of combustion)

**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.

**PERMIT SCHEDULE**

- 03/09/98 Received application for Construction Permit.
- 03/16/98 Department letter requesting additional information.
- 03/30/98 Letter supplying the requested information received.
- 03/30/98 Construction Permit Application deemed complete.

**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 March 9, 1998.
- Department's letter dated March 16, 1998.
- Applicant's letter dated January 28, 1998.
- Technical Evaluation and Preliminary Determination dated April 10, 1998.
- Public Notice of Intent published in the Tribune on April 23, 1998.

AIR CONSTRUCTION PERMIT 7775058-001-AC  
SECTION II. EMISSION UNIT(S) ADMINISTRATIVE REQUIREMENTS

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- 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 (FDEP), Bureau of Air Regulation (BAR), 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 December 31, 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 engine 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 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 7775058-001-AC  
SECTION II. EMISSION UNIT(S) ADMINISTRATIVE REQUIREMENTS

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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 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	System	EMISSION UNIT DESCRIPTION {EMISSIONS}
001	Material handling/processing	Hartz Minitrack Portable Impact Crusher (fugitive particulate)
002	Power	Caterpillar 3126 Diesel Engine (products of combustion)

**EMISSION LIMITATIONS**

1. The crusher processing system is subject to the General Pollutant Emission Limiting Standards, Rule 62-296.320, F.A.C., and Standards of Performance for Nonmetallic Mineral Processing Plants, 40 CFR 60, Subpart OOO.  
  
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.]
2. The maximum visible emissions for Unit No. 002 (diesel engine) and any operation associated with the crushing system shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]
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]
4. The following work practices (reasonable precautions) shall be followed:
  - The posted and enforced plant-wide speed limit is 5 mph;
  - 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.).
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.).

AIR CONSTRUCTION PERMIT 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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**OPERATIONAL LIMITATIONS**

6. These emission units are allowed to operate up to 2,040 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].
7. The crusher may process up to 100 TPH (monthly average) and 204,000 TPY concrete and asphalt material (total).
8. The diesel engines may burn up to 16 GPH and 32,640 GPY diesel fuel containing a maximum of 0.50 percent sulfur by weight.

**TEST METHODS AND PROCEDURES**

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)]
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 engine. 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.
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.

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).

AIR CONSTRUCTION PERMIT 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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- 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)]
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)]
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)]
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 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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**RECORDKEEPING AND REPORTING REQUIREMENTS**

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)**

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.
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]**

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- 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]**

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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

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#### 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.]

#### 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.
    - 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 Regulating 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.*

## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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#### 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)]*

#### 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 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.]



## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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- 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.]
- 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.]
- 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 Regulating 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..

## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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- 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 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.]
- 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 and the appropriate regulating agency 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 and the appropriate regulating agency 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 and the appropriate regulating agency 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.]
- 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.



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

April 10, 1998

## CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Tommy Hawkins, President  
T.R.S. Concrete Recycling, Inc.  
909 Barrel Avenue  
Ft. Pierce, Florida 34982

Re: DRAFT Permit No. 7775058-001-AC  
Construction Permit for a Mobile Concrete and Asphalt Crusher


Dear Mr. Hawkins:

Enclosed is one copy of the Draft Air Construction Permit for a mobile crusher to operate in Southeast 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:

T.R.S. Concrete Recycling, Inc.  
909 Barrel Avenue  
Ft. Pierce, Florida 34982

DRAFT Permit No. 7775058-001-AC  
Southeast Florida 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, T.R.S. Concrete Recycling, Inc. applied on March 9, 1998, to the Department for an air construction permit for a diesel powered mobile concrete and asphalt material crusher to operate at sites in Southeast 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.

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.

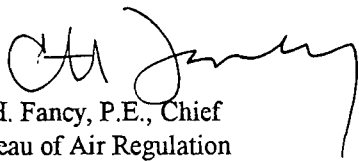
The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number 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 4-15-98 to the person(s) listed:

Mr. Tommy Hawkins, T.R.S. Concrete Recycling Inc. \*  
Mr. Isidore Goldman, SED  
Mr. David Knowles, SD  
Ms. Daniela Banu, Broward Co. DERM  
Mr. Patrick Wong, Dade Co. DERM  
Mr. James Stormer, PBCHD  
Mr. Jan Browing, Lindahl, Browing, Ferrari & Hellstrom, Inc.

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.

Kuri Jober 4-15-98  
(Clerk) (Date)

**NOTICE TO BE PUBLISHED  
IN THE NEWSPAPER**

**PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No. 7775058-001-AC  
Portable Concrete and Asphalt Material Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to T.R.S. Concrete Recycling, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated in Southeast 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: T.R.S. Concrete Recycling, Inc., 909 Barrel Avenue, Ft. Pierce, Florida 34982.

The applicant proposes to construct and operate this unit 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 a 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 <sub>10</sub> )	2.9	3.0
Nitrogen Oxides (NO <sub>x</sub> )	3.2	3.3
Carbon Monoxide (CO)	1.8	1.8
Sulfur dioxide (SO <sub>2</sub> )	0.5	0.5
Volatile Organic Compounds (VOC)	0.2	0.2

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.

# NOTICE TO BE PUBLISHED IN THE NEWSPAPER

Draft Permit No. 7775058-001-AC  
Page 2 of 3

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 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 Department's 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.

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

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

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

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

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

T.R.S. Concrete Recycling, Inc.

Portable Concrete and Asphalt Material Crusher  
Southeast Florida Operation

Air Construction Permit Number:

7775058-001-AC

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

April 10, 1998

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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## 1. APPLICATION INFORMATION

### 1.1 Applicant's Name and Address

Mr. Tommy Hawkins, President  
T.R.S. Concrete Recycling, Inc.  
909 Barrel Avenue  
Ft. Pierce, Florida 34982

### 1.2 Reviewing and Process Schedule

March 9, 1998	Date of Receipt of Application
March 16, 1998	Department's Incompleteness Letter
March 30, 1998	Response to DEP March 16 letter

## 2. FACILITY INFORMATION

### 2.1 This application is for a relocatable 100 TPH Hartz Minitrack Impact concrete and asphalt material crushing unit that may be operated in Southeast Florida.

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

The portable crusher emits particulate matter from the handling and crushing of concrete and asphalt material and the normal products of combustion from the diesel fuel burned in the diesel engine 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	Concrete and 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

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### 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	100 TPH Hartz Minitrack Impact Crusher
002	2	Caterpillar Model 3126 Diesel Engine

### 4. PROCESS DESCRIPTION

#### 4.1 General Information

Concrete or 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 unit comes from a diesel engine which burn a maximum of 16 gallons per hour (GPH) of fuel containing up to 0.5 percent sulfur.

### 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 Southeast Florida. These areas contain land that is designated as maintenance for ozone 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 unit is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, because concrete and asphalt material are primarily sand and gravel.

The emission units 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 units which are based on processing 100 TPH material during 2,040 hours per year of operation.

Pollutants	Hourly Emissions lb/hr	Annual Emissions TPY
<b>Crusher</b>		
PM/PM <sub>10</sub>	2.9	3.0
<b>Diesel Power</b>		
NO <sub>x</sub>	3.2	3.3
SO <sub>2</sub>	0.5	0.5
CO	1.8	1.8
VOC	0.2	0.2

#### 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 concrete and asphalt material when needed.

## TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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The diesel engine 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 engine and other operations associated with the crusher system 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, if 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 T.R.S. Concrete Recycling, 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 A. A. Linero, P.E.*

**PERMITTEE:**

T.R.S. Concrete Recycling, Inc.  
909 Barrel Avenue  
Ft. Pierce, Florida 34982

FID No.	7775058
Permit No.	7775058-001-AC
Expires:	December 31, 1998

**Authorized Representative:**

Mr. Tommy Hawkins, President

**PROJECT AND LOCATION:**

This permit authorizes T.R.S. Concrete Recycling, Inc. to construct a diesel engine powered portable concrete and asphalt material crusher for operation in Southeast Florida. This facility may operate in any county covered by a notice of intent to issue an air permit published within 5 years of the proposed relocation and at any 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 facility'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 facility 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

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

**AIR CONSTRUCTION PERMIT 7775058-001-AC**  
**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a Hartz Minitrack portable impact crusher with associated equipment (a crusher, a screen, conveyors, and a water spray system) powered by a diesel engine (Caterpillar 3126). Fugitive dust is controlled by wetting the material being processed as needed. The facility is used to reduce the size of concrete and 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 3216 Diesel Engine (products of combustion)

**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**

- 03/09/98 Received application for Construction Permit.
- 03/16/98 Department letter requesting additional information.
- 03/30/98 Letter supplying the requested information received.
- 03/30/98 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 March 9, 1998.
- Department's letter dated March 16, 1998.
- Applicant's letter dated January 28, 1998.
- Technical Evaluation and Preliminary Determination dated April 10, 1998.
- Public Notice of Intent published in the \_\_\_\_\_

AIR CONSTRUCTION PERMIT 7775058-001-AC  
SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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**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 (FDEP), Bureau of Air Regulation (BAR), 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 December 31, 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 engine 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 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.



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AIR CONSTRUCTION PERMIT 7775058-001-AC  
SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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If the public notice for a county is more than 5 years old, this form shall be submitted at least 30 days 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 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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**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	Hartz Minitrack Portable Impact Crusher (fugitive particulate)
002	Power	Caterpillar 3126 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 Standards of Performance for Nonmetallic Mineral Processing Plants, 40 CFR 60, Subpart OOO.

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 No. 002 (diesel engine) and any operation associated with the crushing 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;
  - 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.).

AIR CONSTRUCTION PERMIT 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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## OPERATIONAL LIMITATIONS

- A.6. These emission units are allowed to operate up to 2,040 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 100 TPH (monthly average) and 204,000 TPY concrete and asphalt material (total).
- A.8. The diesel engines may burn up to 16 GPH and 32,640 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 engine. 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.
- 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).

AIR CONSTRUCTION PERMIT 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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- 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 7775058-001-AC  
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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## 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**

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**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

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- 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**

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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**

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**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

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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]

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- 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]**

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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.

## Memorandum

## Florida Department of Environmental Protection

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TO: Clair Fancy

THRU: Al Linero

FROM: Willard Hanks *WmH*

DATE: April 10, 1998

SUBJECT: TRS Concrete Recycling, Inc.  
Draft Construction Permit for a Relocatable Crusher Unit  
FID No.: 7775058-001-AC

Attached for your approval and signature is a Preliminary Determination (including Notice of Intent and Draft Permit) for a relocatable concrete and asphalt material crusher. The crusher may operate at various sites in southeast Florida.

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 and transfer points.

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

WH/t

attachments

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. Johnny Hawkins, Pres.  
TR5 Concrete Recycling  
909 Barrel Ave.  
St. Pierce, FL

4a. Article Number

P 265 659 334

4b. Service Type

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

7. Date of Delivery

4/17/98

5. Received By: (Print Name)

34982

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

6. Signature: (Addressee or Agent)

X N. Pottus

PS Form 3811, December 1995

Don't

Receipt

Thank you for using Return Receipt Service.

P 265 659 334

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse).

Sent to		Johnny Hawkins	
Street & Number		TR5 Concrete	
Post Office, State, & ZIP Code		St. Pierce, 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			
7775658-EDL-AC 4-15-98			

PS Form 3800, April 1995

T.R.S. CONCRETE RECYCLING, INC.

909 Barrel Avenue

Fort Pierce, FL 34982

Attn.: Tommy Hawkins, President

**THE TRIBUNE**

P.O. Box 69  
Fort Pierce, St. Lucie County, Florida 34954-0069

STATE OF FLORIDA  
COUNTY OF ST. LUCIE

Before the undersigned authority personally appeared Maureen Saltzer-Gawel, or Kathleen K. LeClair, who on oath says that he/she is publisher, business manager of The Tribune, a daily newspaper published at Fort Pierce in St. Lucie County, Florida; that the attached copy of the advertisement, being a **PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT**

in the matter of **DRAFT Permit No. 7775058-001-AC**

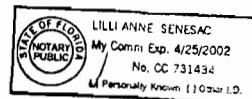
was published in said newspaper in the issues of **April 23, 1998**

Affiant further says that The Tribune is a newspaper published at Fort Pierce, in said St. Lucie County, Florida, and that the said newspaper has heretofore been continuously published in St. Lucie County, Florida, each day and has been entered as second class mail matter at the post office in Fort Pierce, in said St. Lucie County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he 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.

Sworn to and subscribed before me **April 23, 1998**

*[Signature]*  
*Lilli Anne Senesac*

Notary Public



No. 9613

**PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR CONSTRUCTION PERMIT**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775058-001-AC  
Portable Concrete and Asphalt Material Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to T.R.S. Concrete Recycling, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated in southeast 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: T.R.S. Concrete Recycling, Inc., 909 Barrel Avenue, Ft. Pierce, Florida 34982.

The applicant proposes to construct and operate this unit 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 a diesel engine) are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM10)	2.9	3.0
Nitrogen Oxides (NOx)	3.2	3.3
Carbon Monoxide (CO)	1.8	1.8
Sulfur dioxide (SO2)	0.5	0.5
Volatile Organic compounds (VOC)	0.2	0.2

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 of 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 Blaisdell 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 proposed 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 proceeding (hearing) in accordance with Section 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 at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen (14) days of publication of this 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 Department 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 facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's 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 decision of the Department with regard to 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., Ste. 900 Miami, Florida 33130-1540 Telephone: 305/372-6925	Broward County Department of Natural Resource Protection 218 Southwest 1st Ave. Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Dept. of Environmental Protection, Southeast Dist. 400 North Congress Ave. West Palm Beach, FL 33416 Telephone: 561/681-6600
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Div. of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/355-3070	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
---	--

The complete project file includes the 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: April 23, 1998.

**T.R.S. CONCRETE RECYCLING, INC.**

PAVING CONTRACTORS  
909 BARREL AVENUE  
FT. PIERCE, FLORIDA 34982  
(561) 464-7587 FAX (561) 464-0594

**RECEIVED**

**MAR 31 1998**

**BUREAU OF  
AIR REGULATION**

File # 98-0052

Mr. Willard Hanks  
Florida Department of Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

March 30, 1998

Dear Mr. Hanks,

Please disregard the letter of March 29, 1998. Our office staff inadvertently sent it to you on the wrong letterhead, Tommy Hawkins & Sons, Inc. My apologies for any inconvenience this may have caused.

Sincerely,

  
Tommy Hawkins, President



# TOMMY HAWKINS & SONS, INC.

PAVING CONTRACTORS  
909 BARREL AVENUE  
FT. PIERCE, FLORIDA 34982  
(561) 464-7587 FAX (561) 464-0594

## RECEIVED

MAR 30 1998

March 27, 1998  
File # 98-0052

Mr. Willard Hanks  
Florida Department of Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

BUREAU OF  
AIR REGULATION

Re: TRS Concrete Recycling, DEP File # 7775058-001-AC

Dear Mr Hanks:

In response to the March 16, 1998 letter, please consider the following additional information.

1. The industrial diesel engine is a Caterpillar Model No. 3126, nominal horsepower, turbo aspirated.
2. The unit will crush both waste concrete and asphalt.
3. The location specified is the base operation location. It is expected to be temporarily located at other sites within St. Lucie County.
4. A formal O & M plan for the air pollution control devise for the crusher is not deemed necessary because of the simplicity of the devise. Daily inspection of and the visibility of the water spray system during operation provides assurance of proper operation.

\*The pollution control devise is a water spray at the entrance of the crusher. The spray is from seven fixed nozzles in spray bar built into the crusher hood. Water volume is typically 5-7 gallons per minute. (The spray bar connection is a 5/8-inch hose.)

\*Because of the simplicity of the water spray system, no routine maintenance is required.

\*The spray bar is observed daily for proper functioning. In addition, the crusher operator can observe the water spray during the crushing operation.

\*No spare parts are required to be kept on the premises. The only parts to the system are the spray nozzles attached to the spray bar.

\*Attached is a copy of crusher spray bar operations guidelines and an operational log for the crusher that include notation space for maintenance activities.

Sincerely

  
Tommy Hawkins, President

Attachments

## **TRS Concrete Recycling, Inc.**

### **Crusher Spray Bar Operation**

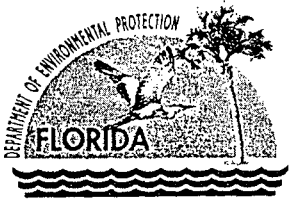
Proper operation of the spray bar on the crusher is essential for adequate performance of the air pollution control system. To assist in ensuring that the system is operational during crushing operations, a routine inspection of the spray bar's operation is necessary. The following guidelines are recommended for proper operation.

- A. The spray bar water supply should be clean and free from solid materials that could clog the spray bar nozzles and at sufficient pressure and volume to adequately wet the material to be crushed.
- B. Monitor the performance of the spray bar during the course of normal operations to detect clogged nozzles. Clean as necessary.
- C. Monitor the moisture level of the crushed material (at the stockpile after screening) to ensure an adequate water volume is being utilized to prevent dust through out the crushing and screening process.
- D. Complete a daily entry for the "Crusher Spray Bar Operations Log". The desired information is:
  - 1) Enter the date of the entry.
  - 2) Enter the time the crusher was placed in operation.
  - 3) Enter the time the crusher was secured for the day.
  - 4) Enter YES or NO to verify that the operation of the spray bar was or was not checked this day. (The operation should be checked each day.)
  - 5) Enter your name as the person that made the log entry and check the spray bar.
  - 6) Enter any comments about the operation and maintenance of the spray bar system that indicate performance out of the ordinary. Note all maintenance activities performed including cleaning and replacement of spray nozzles.

## TRS Concrete Recycling, Inc.

### Crusher Spray Bar Operations Log

[illegible]



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

March 16, 1998

CERTIFIED MAIL -- RETURN RECEIPT REQUESTED

Mr. Tommy Hawkins, President  
TRS Concrete Recycling, Inc.  
909 Barrel Avenue  
Ft. Pierce, Florida 34982

Re: Relocatable Concrete Crusher  
DEP File No. 7775058-001-AC

Dear Mr. Hawkins:

The Department has reviewed your application for permit to construct a relocatable 100 TPH Hartz Minitrack Impact Crusher. We need the additional information listed below to process this application.

1. Please provide a general description (make, model, horsepower, etc.) of the diesel engines that powers the crusher.
2. Will the unit be used to crush material other than concrete such as asphalt material or limestone?
3. Where will the unit be operated at? Is operation limited to the specific Ft. Pierce site listed in the application or will the crusher be operated at other sites and in other counties?
4. Please provide an Operation and Maintenance plan for the air pollution control system associated with this crusher. The plan should include information such as:
  - The operating parameters of the control device.
  - A timetable for the routine maintenance of the pollution control device.
  - A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
  - A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
  - A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

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  
Jan Browning, Lindahl, Browning, Gerrari & Hellstrom, Inc.

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

Printed on recycled paper.

line over top of envelope to

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 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. Tommy Hawkins, Pres.  
TRC Concrete Recycling  
909 Barrel Ave.  
St. Pierce, FL 34982

4a. Article Number

P 265 659 314

4b. Service Type

- |   |   |
|---|---|
| <input type="checkbox"/> Registered                     | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured              |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

7. Date of Delivery

3/18/98

5. Received By: (Print Name)

Rosalie Hawkins

6. Signature (Addressee or Agent)

X *[Signature]*

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 265 659 314

US Postal Service  
**Receipt for Certified Mail**

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

Sent to		Tommy Hawkins	
Street & Number		TRC Concrete	
Post Office, State & ZIP Code		St. Pierce 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		3-16-98	
		7775058-001-AC	

PS Form 3800, April 1995

# Department of Environmental Protection

**RECEIVED**
**DIVISION OF AIR RESOURCES MANAGEMENT**
**MAR 09 1998**
**APPLICATION FOR AIR PERMIT - LONG FORM**
**BUREAU OF  
AIR REGULATION**

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

## I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

### Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: TRS Concrete Recycling, Inc.	
2. Site Name: Ft. Pierce	
3. Facility Identification Number: [ x ] Unknown	
4. Facility Location: Street Address or Other Locator: City: Ft. Pierce County: St. Lucie Zip Code: 34982	
5. Relocatable Facility? [ x ] Yes [ ] No	6. Existing Permitted Facility? [ ] Yes [ x ] No

### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	march 9, 1998
2. Permit Number:	7775058-001-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

**Owner/Authorized Representative or Responsible Official**

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

Mr. Tommy Hawkins, President

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

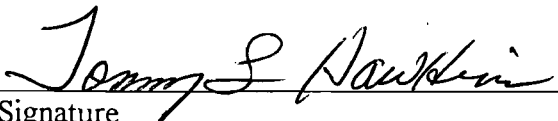
Organization/Firm: TRS Concrete Recycling, Inc.  
Street Address: 909 Barrel Avenue  
City: Ft. Pierce State: FL Zip Code: 34982

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

Telephone: (561 ) 464-7587 Fax: (561 ) 464-0594

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 unit.*

  
Signature

3-4-98  
Date

\* Attach letter of authorization if not currently on file.

### Scope of Application

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

Emissions Unit ID	Description of Emissions Unit	Permit Type
	Impact Crusher with Screen Classifier and Industrial Diesel Engine	Const.
	Permit Type Code AC1F	



**Purpose of Application and Category**

Check one (except as otherwise indicated):

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

This Application for Air Permit is submitted to obtain:

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

Current construction permit number: \_\_\_\_\_

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

Operation permit to be renewed: \_\_\_\_\_

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

Current construction permit number: \_\_\_\_\_

Operation permit to be revised: \_\_\_\_\_

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

Operation permit to be revised/corrected: \_\_\_\_\_

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

Operation permit to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_

\_\_\_\_\_

**Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.**

This Application for Air Permit is submitted to obtain:

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

Current operation/construction permit number(s): \_\_\_\_\_

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

Operation permit to be renewed: \_\_\_\_\_

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

Operation permit to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_  
\_\_\_\_\_

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

This Application for Air Permit is submitted to obtain:

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

Current operation permit number(s), if any: \_\_\_\_\_

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

Current operation permit number(s): \_\_\_\_\_

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

### Application Processing Fee

Check one:

☐ Attached - Amount: \$ 250.00

☐ Not Applicable.

### Construction/Modification Information

1. Description of Proposed Project or Alterations:

Facility is a track and skid mounted Impact Crusher with material classification screening unit and is powered by an integral diesel engine. The Crusher is equipped with a water spray system to control dust from the Crusher operations.

2. Projected or Actual Date of Commencement of Construction:

Manufactured Unit Purchased Used

3. Projected Date of Completion of Construction:

Not known - currently on-site

### Professional Engineer Certification

1. Professional Engineer Name: Jan E. Browning  
Registration Number: FL No. 13759

2. Professional Engineer Mailing Address:

Organization/Firm: Lindahl, Browning, Ferrari & Hellstrom, Inc.  
Street Address: 210 Jupiter Lakes Boulevard, Bldg. 5000, Suite 104  
City: Jupiter State: FL Zip Code: 33458

3. Professional Engineer Telephone Numbers:

Telephone: ( 561) 746-9248 Fax: ( 561) 746-0272

4. Professional Engineer Statement:

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

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

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

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

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

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

Signature

Date

(seal)

JAN E. BROWNING, P.E.

MAR 04 1998

NO. 13759

\* Attach any exception to certification statement.

### Application Contact

1. Name and Title of Application Contact:

Mr. Tommy Hawkins, President

2. Application Contact Mailing Address:

Organization/Firm: TRS Concrete Recycling, Inc.

Street Address: 909 Barrel Avenue

City: Ft. Pierce

State: FL

Zip Code: 464-0594

3. Application Contact Telephone Numbers:

Telephone: ( 561) 464 - 7587

Fax: ( 561) 464 - 0594

### Application Comment

### A. GENERAL FACILITY INFORMATION

1. Facility UTM Coordinates:			
Zone: 17		East (km): 557.68	North (km): 3027.91
2. Facility Latitude/Longitude:			
Latitude (DD/MM/SS): 27-22-58		Longitude (DD/MM/SS): 80-25-01	
3. Governmental Facility Code:	4. Facility Status Code:	5. Facility Major Group SIC Code:	6. Facility SIC(s):
O	C	14	1422
7. Facility Comment (limit to 500 characters):     			

1. Name and Title of Facility Contact: Mr. Tommy Hawkins, President			
2. Facility Contact Mailing Address: Organization/Firm: TRS Concrete Recycling, Inc. Street Address: 909 Barrel Avenue City: Ft. Pierce State: FL Zip Code: 34982			
3. Facility Contact Telephone Numbers: Telephone: ( 561 ) 464-7587 Fax: ( 561 ) 464-0594			

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
2. Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Synthetic Minor Source of Pollutants Other than HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Synthetic Minor Source of HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. One or More Emissions Units Subject to NSPS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. One or More Emission Units Subject to NESHAP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10. Title V Source by EPA Designation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Facility Regulatory Classifications Comment (limit to 200 characters):

## B. FACILITY REGULATIONS

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

This facility is exempt from FAC 62-212.400 as a new minor facility. See 62-212.400(2)(d)1.



**List of Applicable Regulations** (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

[illegible]

### C. FACILITY POLLUTANTS

Facility Pollutant Information No major amount of any pollutant discharged.

1. Pollutant Emitted	2. Pollutant Classification

### D. FACILITY POLLUTANT DETAIL INFORMATION

**Facility Pollutant Detail Information:** Pollutant \_\_\_\_\_ of \_\_\_\_\_

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

**Facility Pollutant Detail Information:** Pollutant \_\_\_\_\_ of \_\_\_\_\_

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

## E. FACILITY SUPPLEMENTAL INFORMATION

### Supplemental Requirements for All Applications

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

### Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
8. List of Equipment/Activities Regulated under Title VI:  <input type="checkbox"/> Attached, Document ID: _____  <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed  <input type="checkbox"/> Not Applicable
9. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
10. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

11. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
12. Compliance Assurance Monitoring Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
13. Risk Management Plan Verification:  <input type="checkbox"/> Plan Submitted to Implementing Agency - Verification Attached, Document ID: _____  <input type="checkbox"/> Plan to be Submitted to Implementing Agency by Required Date  <input type="checkbox"/> Not Applicable
14. Compliance Report and Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
15. Compliance Certification (Hard-copy Required): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

### III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

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

##### Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

- ☒ [ X ] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ [ ] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

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

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

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

### Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters):  Hartz Minitrack Impact Crusher with diesel industrial engine power unit and screen classifier.		
2. Emissions Unit Identification Number:    [ x ] No Corresponding ID    [   ] Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? [   ] Yes [ x ] No	5. Emissions Unit Major Group SIC Code: 14
6. Emissions Unit Comment (limit to 500 characters):		

### Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters):

Water spray dust control in crusher. Crushed material is wet, minimizing particulate emissions in crushing screening and stockpile operations.

2. Control Device or Method Code: 061

**B.**

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

**C.**

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



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

**Emissions Unit Details**

1. Initial Startup Date:		
2. Long-term Reserve Shutdown Date: N.A.		
3. Package Unit: Mini Track with container mobile screen Manufacturer: HARTL Model Number: MT 303 PCV		
4. Generator Nameplate Rating: None MW		
5. Incinerator Information:		
Dwell Temperature:		°F
Dwell Time:		seconds
Incinerator Afterburner Temperature:		°F

**Emissions Unit Operating Capacity**

1. Maximum Heat Input Rate:	2.18	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:	100 tons/hr.	
4. Maximum Production Rate:		
5. Operating Capacity Comment (limit to 200 characters):		

**Emissions Unit Operating Schedule**

Requested Maximum Operating Schedule:			
8	hours/day	5	days/week
52	weeks/year	2040	hours/year

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

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

62-296.310 - Particulate and Visual Emissions  
62-296.711 - Visible Emissions

**List of Applicable Regulations** (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

[illegible]

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

**Emission Point Description and Type**

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



**F. SEGMENT (PROCESS/FUEL) INFORMATION**  
(Regulated and Unregulated Emissions Units)**Segment Description and Rate:** Segment 1 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):  Impact Crusher, Primary Crushing (controlled)	
2. Source Classification Code (SCC): 3-05-020-01	
3. SCC Units: Tons Processed	
4. Maximum Hourly Rate: 100	5. Maximum Annual Rate: 208,000
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**Segment Description and Rate:** Segment 2 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):  <p style="text-align: center;">Industrial Diesel Engine</p>	
2. Source Classification Code (SCC): <p style="text-align: center;">SCC 2-02-001-02</p>	
3. SCC Units:      Thousand Gallons Used	
4. Maximum Hourly Rate: <p style="text-align: center;">0.0188</p>	5. Maximum Annual Rate: <p style="text-align: center;">38.4</p>
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):  <p style="text-align: center;">No - 2 Diesel Fuel</p>	

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

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
None greater than threshold amount.			
Visual Emissions Limited - 5% Opacity			



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

1. Pollutant Emitted:		
2. Total Percent Efficiency of Control:	%	
3. Potential Emissions:	lb/hour	tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3      _____ to _____ tons/year		
6. Emission Factor: Reference:		
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters):		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):		

**Allowable Emissions** (Pollutant identified on front of page)

**A.**

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

**B.**

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

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

**Visible Emissions Limitation:** Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE 05		
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:			
Normal Conditions:	5	%	Exceptional Conditions: 5 %
Maximum Period of Excess Opacity Allowed:	min/hour		
4. Method of Compliance:	Water spray in crusher		
5. Visible Emissions Comment (limit to 200 characters):	Rule 62-296.711		

**Visible Emissions Limitation:** Visible Emissions Limitation \_\_\_\_\_ of \_\_\_\_\_

1. Visible Emissions Subtype:			
2. Basis for Allowable Opacity:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:			
Normal Conditions:	%	Exceptional Conditions:	%
Maximum Period of Excess Opacity Allowed:	min/hour		
4. Method of Compliance:			
5. Visible Emissions Comment (limit to 200 characters):			



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

**PSD Increment Consumption Determination**

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

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

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

## 2. Increment Consuming for Nitrogen Dioxide?

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

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

## 3. Increment Consuming/Expanding Code:

PM	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
SO2	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
NO2	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown

## 4. Baseline Emissions:

PM	2.9 lb/hour	2.95 tons/year
SO2	0.5 lb/hour	0.51 tons/year
NO2	3.2	3.26 tons/year

## 5. PSD Comment (limit to 200 characters):

PM estimated use AP-42 Rate of 0.00070 for uncontrolled primary crushing and a 98% reduction for water spray (Manufacturer's Statement) and controlled screening @ 0.00084 lb/ton.

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

**Supplemental Requirements for All Applications**

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

**Additional Supplemental Requirements for Category I Applications Only**

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



TRS Concrete Recycling, Inc  
Facility Location

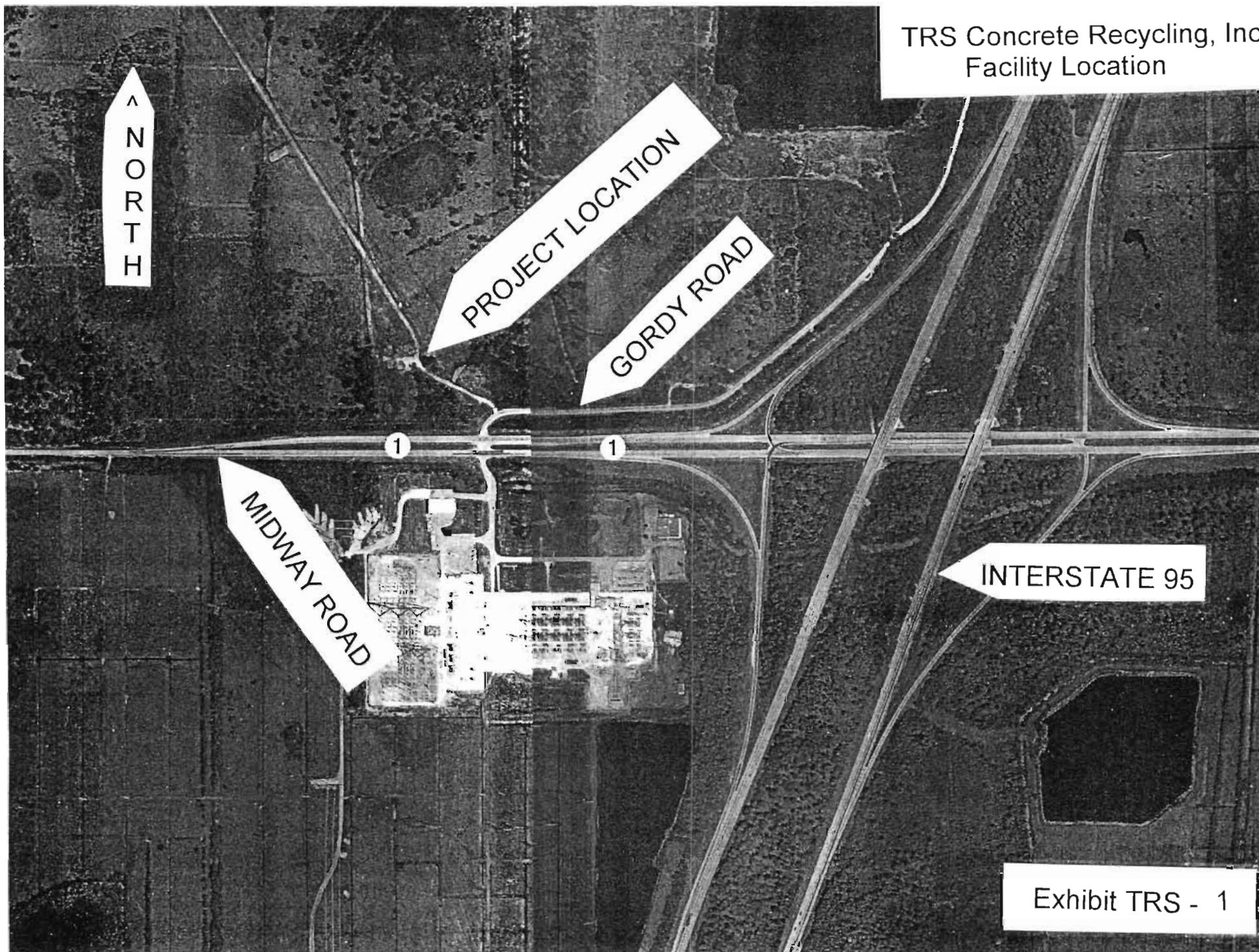


Exhibit TRS - 1

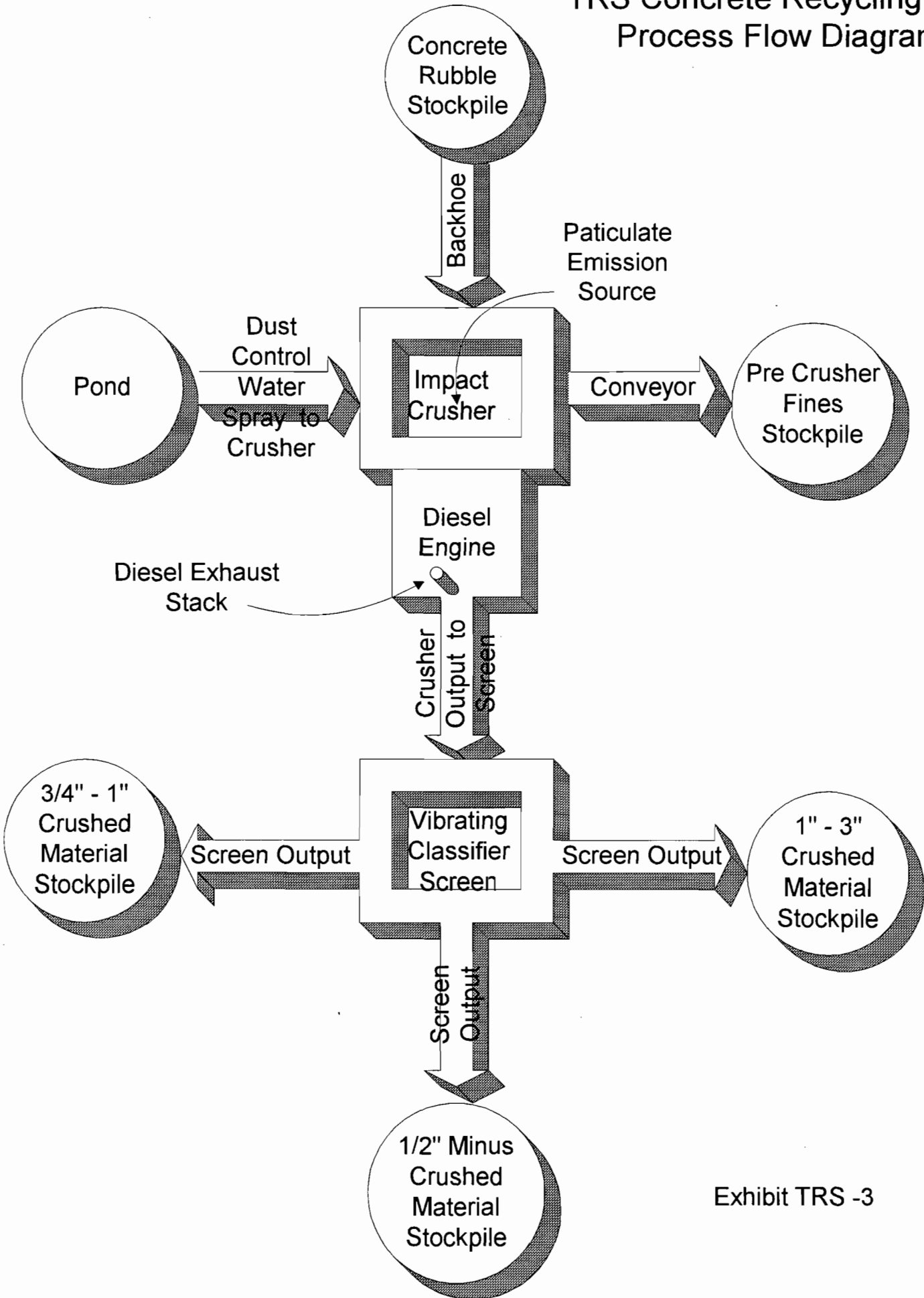
TRS Concrete Recycling, Inc.  
Site Plan

The proposed facility is a relocatable, track mounted, impact crusher. The size and location of the concrete rubble raw material stockpile and the processed material stockpiles continually change in size and location as part of the normal operational cycle.

The crusher is crawler track mounted and moves around the site with the concrete rubble raw material stockpile.

Exhibit TRS - 2

TRS Concrete Recycling, Inc.  
Process Flow Diagram



TRS Concrete Recycling, Inc.  
Precautions to Prevent Emissions of Unconfined  
Particulate Matter

A built-in water spray unit in the crusher is used to suppress emission of particulate matter through out the operations of the crusher, screen classifier and material stockpiling.

Portable water spraying is available to suppress particulate matter emissions caused by truck loading and unloading operations on the site, including travel across the unpaved facility.



CITGO Petroleum Corporation  
P. O. Box 3758  
Tulsa, Oklahoma 74102

### Material Safety Data Sheet

Trade Name: CITGO No. 2 Fuel Oils, All Grades Date: September 26, 1997  
CAS No. 68476-30-2 Commodity Code: AG2FO  
Synonym: Fuel Oil, No. 2 Technical Contact: (918) 495-5933  
Medical Emergency: (918) 495-4700  
CITGO Index No.: 5388 CHEMTREC Emergency: (800) 424-9300

#### MATERIAL HAZARD EVALUATION

(Per OSHA Hazard Communication Standard [29 CFR 1910.1200])

**Health Precautions:** DANGER: Harmful or fatal if swallowed; can enter the lungs and cause damage. Contains Petroleum Distillates. If swallowed, do not induce vomiting. Call a physician immediately. Keep out of reach of children.

**Safety Precautions:** Combustible Liquid. Keep away from heat, flame and other potential ignition sources.

HMIS Rating<sup>1</sup>: Health: 1\* Flammability: 2 Reactivity: 0

### 1.0 GENERIC COMPOSITION / COMPONENTS

Components	CAS No.	%	Hazard Data
Petroleum Distillates (A complex mixture of hydrocarbons, having a viscosity range of 32.6 SUS to 37.9 SUS at 37.7° C (100°F).)	68476-30-2	100	Oral LD <sub>50</sub> (rat): 9.0 ml/kg Dermal LD (rabbit): > 5 gm/kg Dermal Sensitization: Nonsensitizing Skin (rabbit): Irritant Eye (rabbit): Mild irritant Teratogenesis (rat): Negative

### 2.0 PHYSICAL DATA

PHYSICAL HAZARD CLASSIFICATION (Per 29 CFR 1910.1200)

Combustible	Yes	Flammable	No	Pyrophoric	No
Compressed Gas	No	Organic Peroxide	No	Reactivity	No
Explosive	No	Oxidizer	No	Stable	Yes

<sup>1</sup>Hazard Rating: least-0; slight-1; moderate-2; high-3; extreme-4.

CITGO assigned these values based on an evaluation conducted pursuant to NPCA guidelines. Use of an asterisk (\*) indicates that the material may present chronic health effects.

NA-Not Applicable

ND-No Data

NE-Not Established

## 2.0 PHYSICAL DATA (continued)

Boiling Point, 760 mm Hg, °C (°F):	160 - 360 (320 - 680)
Specific Gravity (0 °F) (H <sub>2</sub> O = 1):	0.84
Vapor Density (Air = 1):	> 1
% Volatiles by Volume:	ND
Melting Point, °C (°F):	-29 (-20)
Vapor Pressure, mm Hg (25 °C):	2 - 26
Solubility in Water:	Negligible
Evaporation Rate:(n-butyl acetate = 1):	< 1
pH of Undiluted Product:	NA
Appearance and Odor:	
Dyed:	Red liquid, petroleum odor.
Undyed:	Water white to yellow tinted liquid, petroleum odor.

## 3.0 FIRE AND EXPLOSION DATA

Flash Point, OC, °C (°F):	ND
Flash Point, CC, °C (°F):	52 - 85 (125 - 185)
Autoignition Temperature, °C (°F):	254 - 285 (489 - 545)
NFPA Rating <sup>2</sup> :	Health: <u>0</u> Flammability: <u>2</u> Reactivity: <u>0</u>
Flammable Limits (% by volume in air):	Lower: <u>0.6</u> Upper: <u>7.0</u>
Extinguishing Media:	CO <sub>2</sub> , dry chemical, foam, water fog
Special Fire Fighting Procedure:	Wear self-contained breathing apparatus when in a confined area. Structural firefighter's protective equipment will only provide limited protection.
Unusual Fire or Explosion Hazard:	Fires involving the products represented by this MSDS may release irritating fumes.

## 4.0 REACTIVITY DATA

Stability:	Stable.
Conditions Contributing to Instability:	Heat, flame.
Incompatibility:	Oxidizing agents.
Hazardous Decomposition Products: (thermal, unless otherwise specified)	Carbon dioxide (CO <sub>2</sub> ), smoke, fumes, hydrocarbons, carbon monoxide (CO) and oxides of nitrogen.
Hazardous Polymerization:	Hazardous polymerization is not expected to occur.

## 5.0 SPILL, LEAK AND DISPOSAL PROCEDURES

### Procedure if Material is Spilled:

- Remove sources of heat or ignition; provide ventilation; contain leak.
- **Small Spills:** Absorb released material with non-combustible absorbent. Place into containers for later disposal. (See Waste Disposal section below.)

<sup>2</sup>Hazard Rating: least-0; slight-1; moderate-2; high-3; extreme-4.

CITGO assigned these values based on an evaluation conducted pursuant to NFPA guidelines.

NA-Not Applicable

ND-No Data

NE-Not Established

## 5.0 SPILL, LEAK AND DISPOSAL PROCEDURES (continued)

- **Large Spills:** Evacuate area in the event of significant spills. Adequately ventilate area and determine potential exposure conditions. Exposure potential may require the use of respiratory protection. Use protective clothing. Contain spill in temporary dikes to avoid product migration and to assist in recovery. Do not allow material to escape into sewers, ground water, drainage ditches or surface waters.
- Control ignition sources around spill area. Use of a fire fighting foam blanket on spilled material will reduce vapor release and fire potential.
- Administer first aid, as needed.
- OSHA regulations may require establishing a regulated area with site control.
- Report spills as required to appropriate federal, state and local authorities.

### Waste Disposal:

- It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal.
- Transportation, treatment, storage and disposal of waste material must be conducted in accordance with RCRA regulations (see 40 CFR 260 through 40 CFR 271).
- State and/or local regulations may be more restrictive.
- Contact the RCRA/Superfund Hotline at (800) 424-9346 or your regional US EPA office for guidance concerning case specific disposal issues.

### Protective Measures During Repair and Maintenance of Contaminated Equipment:

- Refer to Section 7.0 - Special Protection Information.
- Keep unnecessary persons from hazard area.
- Drain and purge equipment, as necessary, to remove material residues
- Use gloves constructed of impervious materials such as heavy nitrile and protective clothing if direct contact is anticipated.
- Provide ventilation to maintain exposure potential below applicable exposure levels.
- Eliminate heat and ignition sources.
- Remove contaminated clothing.
- Wash exposed skin thoroughly with soap and water.

## 6.0 HEALTH HAZARD DATA

### Health Hazard Classification (Per 29 CFR 1910.1200):

Highly Toxic	No	Sensitizer	No
Toxic	No	Reproductive Effects	No
Corrosive	No	Mutagen	No
Irritant	Yes	Target Organ (skin)	Yes

### Carcinogen:

Product/Component	CAS No.	Conc. (%)	NTP	IARC	OSHA	Other
No. 2 Fuel Oil	68476-30-2	100	No	Group 3	No	ND

### Toxicity Summary:

If swallowed, this material can enter the lungs and cause severe damage.  
This material can cause skin irritation.

## 6.0 HEALTH HAZARD DATA (continued)

**Major Route(s) of Entry:** Inhalation of mists or vapors. Skin contact.

### Acute Exposure Symptoms:

**Inhalation:** Inhalation of mists or vapors above applicable workplace exposure levels can cause transient euphoria, respiratory tract irritation, gastrointestinal irritation, headache, dizziness, or central nervous system depression. Studies with laboratory animals suggest that bronchoconstriction and respiratory impairment are associated with inhalation of high concentrations of fuel oil mists.

**Dermal:** This material can cause skin irritation.

**Eye:** This material can cause transient eye irritation including stinging, tearing and swelling.

**Ingestion:** Symptoms of fuel oil ingestion can include burning of mouth and upper gastrointestinal tract, stomach cramps, coughing, drowsiness, restlessness, irritability, vomiting, diarrhea and unconsciousness. In addition, breathing difficulty may develop. Coughing, pneumonia and painful breathing can suggest that the product has entered the lungs. Ingestion of large concentrations of product can cause convulsions, coma and death.

**Injection:** Injection under the skin, in muscle or into the blood stream can cause irritation, inflammation, swelling, fever, and systemic effects, including pulmonary edema, pneumonia and mild central nervous system depression. Injection of pressurized hydrocarbons can severe, permanent tissue damage.

### Chronic Exposure Symptoms:

The products represented by this MSDS contain a mixture of petroleum hydrocarbons commonly referred to as "middle distillates." Laboratory data have associated some middle distillates with skin cancer when the material is applied repeatedly over the lifetime of the test animal.

Middle distillates similar to the products represented by this MSDS have been associated with liver and kidney damage in subchronic (90 day) inhalation studies of male rats. The relevance of these findings to human health is unclear.

Prolonged or frequent contact can cause the skin to dry or crack. Also, long term dermal exposure can cause an inflammation of the skin marked by redness, pain or itching (dermatitis).

### Other Special Effects:

None.

### Medical Conditions Aggravated by Exposure:

Individuals with chronic respiratory disorders, liver dysfunction or kidney disease can have these conditions aggravated by elevated exposure to vapors, mists or aerosols of this material.

### First Aid and Emergency Procedures for Acute Effects:

**Inhalation:** Move victim to fresh air. If victim is not breathing, immediately begin cardiopulmonary resuscitation (CPR). If breathing is difficult, 100 percent humidified oxygen should be administered by a qualified individual. Seek medical attention immediately.

**Dermal:** Remove contaminated clothing. Wash exposed skin with soap and water. Launder clothing before use. Seek medical attention if tissue appears damaged or if irritation persists.

**Eyes:** Flush eyes with cool water while occasionally lifting and lowering eyelids. Remove contact lenses if worn. Seek medical attention if excessive tearing, irritation or pain persists.



## 6.0 HEALTH HAZARD DATA (continued)

**Ingestion:** Do not induce vomiting. If spontaneous vomiting is about to occur, place victim's head below knees. Never give anything by mouth to a person who is not fully conscious. Seek medical attention immediately.

**Injection:** Injection under the skin, in muscle or into the blood stream is a medical emergency. Seek medical attention immediately.

### Notes to Physician:

**Inhalation:** If cough or difficulty in breathing develops, evaluate for respiratory tract irritation, bronchitis, or pneumonitis. Administer 100 percent humidified supplemental oxygen with assisted ventilation as required. In symptomatic patients (coughing, choking, tachypnea, etc.), monitor blood gases to assure adequate ventilation. If vital signs become abnormal or symptoms develop, obtain a chest x-ray.

**Ingestion:** The viscosity at of this material is approximately 32 SUS at 100° F. Accordingly, upon ingestion, there is a high risk of pulmonary aspiration. Aspiration can result in chemical pneumonitis or lipoid pneumonia. Removal by careful gastric lavage with tight fitting, cuffed endotracheal tube may be considered.

Pulmonary edema can be managed with PEEP and supplemental oxygen. Antibiotics are indicated only if bacterial superinfection of the lungs occurs. Steroids have not been shown to be of benefit for hydrocarbon pneumonitis.

## 7.0 SPECIAL PROTECTION INFORMATION

### Ventilation Requirements:

Use in well ventilated area. In confined spaces or when hot, mechanical ventilation may be required to maintain airborne concentrations below applicable work place exposure levels as evaluated by designated and properly trained individuals.

### Applicable Workplace Exposure Levels:

Chemical Component	ACGIH TLV TWA ppm (mg/M <sup>3</sup> )	ACGIH TLV STEL/ Ceiling (C) ppm (mg/M <sup>3</sup> )	ACGIH TLV Skin notation?	OSHA PEL TWA ppm (mg/M <sup>3</sup> )	OSHA PEL STEL/ Ceiling (C) ppm (mg/M <sup>3</sup> )	OSHA PEL Skin notation?
Petroleum Distillates	NE	NE	NE	NE	NE	NE

### Specific Personal Protective Equipment:

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations.

**Respiratory:** Only NIOSH or MSHA approved equipment should be used. Use of an organic vapor and dust/mist filter dual cartridge respirator is required when vapor and mist concentrations exceed the applicable workplace exposure levels. Respiratory protection should be selected on the basis of the maximum expected air concentration.

**Eyes:** Use safety goggles or chemical splash goggles if splashing is anticipated.

**Dermal:** Use gloves constructed of impervious materials such as heavy nitrile rubber if frequent or prolonged contact is expected.

**Clothing or Equipment:** Wear body-covering work clothes to avoid prolonged or repeated exposure. Remove contaminated clothing and launder before reuse.

## 8.0 TRANSPORTATION AND SPECIAL PRECAUTIONS

**Storage:** Do not use or store this product near heat, flame or other potential ignition sources. Do not store with oxidizers. Do not store this product in unlabeled containers. Keep container closed.

**Danger:** **Flammable or Combustible Liquid.** Vapors are heavier than air and may travel to an ignition source and flash back. Use only in a well ventilated area. Never siphon by mouth. Empty containers may contain product residues which can ignite with explosive force. Consult appropriate federal, state and local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers and/or waste residues of this product.

### DOT Information:

Proper Shipping Name:	Fuel Oil, No.2
Hazard Class:	3
Hazard Identification No.:	UN 1202
Placard:	Flammable liquid

## 9.0 ENVIRONMENTAL DATA

### Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Section 313 - Toxic Chemicals:

This product is not known contain any components in concentrations above *de minimis* levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA.

#### Section 311/312 - Hazard Categories:

This product may meet one or more of the criteria for the hazard categories defined in 40 CFR Part 370 as established by Sections 311 and 312 of SARA as indicated below:

Immediate (Acute) Health Hazard:	<u>Yes</u>	Sudden Release of Pressure Hazard:	<u>No</u>
Delayed (Chronic) Health Hazard:	<u>Yes</u>	Reactive Hazard:	<u>No</u>
Fire Hazard:	<u>Yes</u>		

#### Section 302 - Extremely Hazardous Substances:

This product is not known to contain any components in concentrations greater than one percent that are listed as Extremely Hazardous Substances in 40 CFR Part 355 pursuant to the requirements of Section 302(a) of SARA.

#### Clean Water Act (CWA):

Under the CWA, discharges of crude oil and petroleum products to surface water without proper Federal and State permits must be reported immediately to the National Response Center at (800) 424-8802.

#### Comprehensive Environmental Response, Compensation & Liability Act (CERCLA) Section 102 Hazardous Substances:

As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance.

## 9.0 ENVIRONMENTAL DATA (continued)

### California Proposition 65 (The Safe Drinking Water and Toxics Enforcement Act):

**Warning:** This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):

Component:

Diesel Engine Exhaust

Effect:

Cancer

### New Jersey Worker and Community Right-to-Know Act:

Fuel Oil (68476-30-2)

### Toxic Substances Control Act (TSCA):

Reported in TSCA Inventory as:	Product	Components
No. 2 Fuel Oils	X	

## 10.0 LABELING

### DANGER:

HARMFUL IF SWALLOWED - CAN ENTER LUNGS AND  
CAUSE DAMAGE  
CONTAINS PETROLEUM DISTILLATES  
COMBUSTIBLE LIQUID  
CAUSES SKIN IRRITATION  
MAY CAUSE CANCER BASED ON ANIMAL DATA  
TARGET ORGAN(S): Skin

### HANDLING:

Keep away from heat, sparks and flames. Keep container closed.  
Avoid breathing vapor or mists.  
Avoid direct dermal contact.

### FIRST AID:

If swallowed, do not induce vomiting.  
Call a physician immediately.  
In case of contact, remove contaminated clothing immediately and wash thoroughly with soap and water.

ALL STATEMENTS, INFORMATION, AND DATA PROVIDED IN THIS MATERIAL SAFETY DATA SHEET ARE BELIEVED TO BE ACCURATE AND RELIABLE, BUT ARE PRESENTED WITHOUT GUARANTEE, REPRESENTATION, WARRANTY, OR RESPONSIBILITY OF ANY KIND, EXPRESSED OR IMPLIED. ANY AND ALL REPRESENTATIONS AND/OR WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY DISCLAIMED. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION OR PRODUCTS FOR THEIR PARTICULAR PURPOSE. NOTHING CONTAINED HERE IN IS INTENDED AS PERMISSION, INDUCEMENT OR RECOMMENDATION TO VIOLATE ANY LAWS OR TO PRACTICE ANY INVENTION COVERED BY EXISTING PATENTS, COPYRIGHTS OR INVENTIONS.

TRS CONCRETE RECYCLING, INC.  
909 BARREL AVE.  
FORT PIERCE, FL 34982

7-96

3/6/98

PAY TO THE ORDER OF Dept of Environmental Protection

\*\*250.00

Two Hundred Fifty and 00/100\*\*\*\*\*

DOLLARS

Dept of Environmental Protection

MEMO

*Tommy L. Haugh*

TRS CONCRETE RECYCLING, INC.

1232

Dept of Environmental Protection  
03/06/98

3/6/98

Bill #

250.00

7775058-001-AC

TRS Concrete Recycling, In

250.00

TRS CONCRETE RECYCLING, INC.

1232

Dept of Environmental Protection  
03/06/98

3/6/98

Bill #

250.00

TRS Concrete Recycling, In

250.00

T.R.S. CONCRETE RECYCLING, INC.

909 Barrel Avenue

Fort Pierce, FL 34982

Attn.: Tommy Hawkins, President

**THE TRIBUNE**

P.O. Box 69  
Fort Pierce, St. Lucie County, Florida 34954-0069

STATE OF FLORIDA  
COUNTY OF ST. LUCIE

Before the undersigned authority personally appeared Maureen Saltzer-Gawel, or Kathleen K. LeClair, who on oath says that he/she is publisher, business manager of The Tribune, a daily newspaper published at Fort Pierce in St. Lucie County, Florida; that the attached copy of the advertisement, being a **PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT**

in the matter of **DRAFT Permit No. 7775058-001-AC**

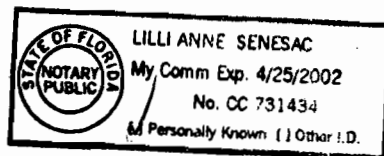
was published in said newspaper in the issues of **April 23, 1998**

Affiant further says that The Tribune is a newspaper published at Fort Pierce, in said St. Lucie County, Florida, and that the said newspaper has heretofore been continuously published in St. Lucie County, Florida, each day and has been entered as second class mail matter at the post office in Fort Pierce, in said St. Lucie County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he 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.

Sworn to and subscribed before me **April 23, 1998**

*Lilli Anne Senesac*

Notary Public



*\*Copied*

No. 9613

**PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR CONSTRUCTION PERMIT**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775058-001-AC  
Portable Concrete and Asphalt Material Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to T.R.S. Concrete Recycling, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated in southeast 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: T.R.S. Concrete Recycling, Inc., 909 Barrel Avenue; Ft. Pierce, Florida 34982.

The applicant proposes to construct and operate this unit 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 a diesel engines) are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM10)	2.9	3.0
Nitrogen Oxides (NOx)	3.2	3.3
Carbon Monoxide (CO)	1.8	1.8
Sulfur dioxide (SO2)	0.5	0.5
Volatile Organic compounds (VOC)	0.2	0.2

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 of 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 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 proposed 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 proceeding (hearing) in accordance with Section 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 at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen (14) days of publication of this 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 Department 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 facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's 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 decision of the Department with regard to 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., Ste. 900 Miami, Florida 33130-1540 Telephone: 305/372-6925	Broward County Department of Natural Resource Protection 218 Southwest 1st Ave. Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Dept. of Environmental Protection, Southeast Dist 400 North Congress Ave. West Palm Beach, FL 33416 Telephone: 561/681-6600
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Div. of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/355-3070	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
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The complete project file includes the 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: April 23, 1998

T.R.S. CONCRETE RECYCLING, INC.

909 Barrel Avenue

Fort Pierce, FL 34982

Attn.: Tommy Hawkins, President

THE TRIBUNE

P.O. Box 69  
Fort Pierce, St. Lucie County, Florida 34954-0069

STATE OF FLORIDA  
COUNTY OF ST. LUCIE

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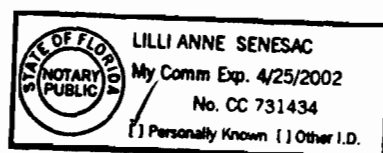
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Sworn to and subscribed before me **April 23, 1998**

*[Signature]*  
*Lilli Anne Senesac*

Notary Public



No. 9613

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775058-001-AC  
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The applicant proposes to construct and operate this unit 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 a diesel engines) are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
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Carbon Monoxide (CO)	1.8	1.8
Sulfur dioxide (SO2)	0.5	0.5
Volatile Organic compounds (VOC)	0.2	0.2

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 of 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 this DRAFT Permit, the Department shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

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A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 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 at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen (14) days of publication of this 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.

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Publish: April 23, 1998