

Memorandum

Florida Department of Environmental Protection

TO: Howard L. Rhodes

THRU: Clair Fancy
Jonathan Holtom *JH*

FROM: Ross Pollock *RP*

DATE: October 8, 1999

SUBJECT: TRS Concrete Recycling, Inc.
Operation Permit for a Relocatable Concrete and Asphalt Crusher
Final Permit No. 7775058-003-AO

Attached is the Air operation permit for a relocatable concrete and asphalt material crusher with a diesel powered generator to be used at industrial and construction sites in Florida.

The application for this minor source is being processed by BAR because it is a relocatable unit that may operate in different Districts. This facility has previously applied for and received an Air Construction Permit. All requirements of permit 7775058-002-AC to obtain an operation permit have been met.

I recommend your approval and signature of the Final Permit.

Enclosures

/RJP



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

In the Matter of an
Application for Permit

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

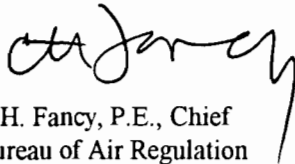
DEP File No. 7775058-003-AO

NOTICE OF FINAL PERMIT

Enclosed is the Final Permit Number 7775058-003-AO for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. 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 permits pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.


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

CERTIFICATE OF SERVICE

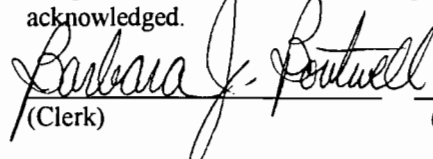
The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMITS (including the FINAL permits) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 10/14/99 to the person(s) listed:

Mr. Tommy Hawkins, President, T.R.S. Concrete Recycling, Inc.*
Mr. Seton Katz, Lindahl, Browning, Ferrari, & Hellstrom, Inc.
Isidore Goldman, DEP, Southeast District

10/14/99 cc: Reading File

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


(Clerk) 10/14/99 (Date)

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

P 263 585 262

US Postal Service

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Mr. Tommy Hawkins, President	
Street & Number	
909 Barrel Avenue	
Post Office, State, & ZIP Code	
Fort Pierce, Florida 34982	
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 10/14/99	
Final Permit No. 7775058-003-A0	
TRS Concrete Recycling, Inc.	

PS Form 3800, April 1995

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):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

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

4a. Article Number

P 263 585 262

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

10/19/99

5. Received By: (Print Name)

N. Petty

6. Signature: (Addressee or Agent)

X N. Petty

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

Thank you for using Return Receipt Service.

PS For

102595-97-B-0179

Domestic Return Receipt

FINAL DETERMINATION

TRS Concrete Recycling, Inc.
Relocatable Concrete and Asphalt Material Crusher

Permit No. 7775058-003-AO

An Intent to Issue an air construction permit for a relocatable concrete and asphalt material crusher belonging to TRS Concrete Recycling, Inc. was distributed on April 7, 1999. The Public Notice of Intent to Issue Air Construction Permit was published in The Tribune at Fort Pierce in St. Lucie County on April 13, 1999. The facility will not be authorized to operate in counties other than St. Lucie until the public notice requirements are met in the other counties and the permit is amended to authorize operation in the counties.

No comments were submitted by the general public in response to the public notice for this facility. In addition, no comments were submitted by the Department's district offices or any local agencies.

On September 10, 1999 an application for an air operation permit was submitted by the facility. All requirements of the final construction permit have been met. The final action of the Department will be to issue the air operation permit.



Department of Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

PERMITTEE

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

FID No.: 7775058
Permit No.: 7775058-003-AO
SIC No.: 1429
Expires: October 15, 2004

AUTHORIZED REPRESENTATIVE

Mr. Tommy Hawkins, President

PROJECT

This permit allows the applicant to operate a diesel engine powered portable concrete and asphalt material crushing plant.

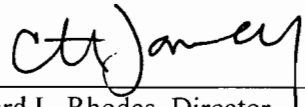
STATEMENT OF BASIS

This operation 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, 62-212, 62-296, and 62-297. The above named permittee is authorized to operate 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).

APPENDIX

The attached appendices are a part of this permit:

Appendix GC - General Permit Conditions
Appendix PC - Permitted Counties

for 
Howard L. Rhodes, Director
Division of Air Resources
Management

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

FACILITY DESCRIPTION

This facility consists of a 100 ton per hour (TPH) HARTL Minitrack Model MT 303 PCV portable impact crusher, and associated equipment (feeder, screens, and conveyors) and a 190 kilowatt (KW) Caterpillar Model 3126 diesel powered generator. Fugitive particulate matter emissions throughout the crushing unit are controlled by a water suppression system.

REGULATORY CLASSIFICATION

The crusher portion of this facility is subject to regulation under 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The generator portion of the facility is regulated under 62-210.300, Permits Required, however there are no unit specific regulatory requirements that apply.

RELEVANT DOCUMENTS

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

- Application received (Bureau of Air Regulation) February 8, 1999
- Draft Permit Issued April 7, 1999
- Public Notice of Intent published April 13, 1999 in The Tribune at Fort Pierce, St. Lucie County
- Proof of Publication received April 19, 1999
- Final Construction permit issued May 17, 1999
- Application for Air Operation permit received September 10, 1999

PERMITTED COUNTIES

(Please see Appendix PC – Permitted Counties for a list of counties in which the facility is currently permitted to operate)

OPERATING LOCATION

The facility will begin initial operation at 8800 W. Midway Road, Fort Pierce, St. Lucie County, Florida, 34981. The UTM coordinates of this location are Zone 17; 557.68 km E; 3027.91 km N

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

The following specific conditions apply to all emissions units at this facility.

ADMINISTRATIVE

1. Regulating Agencies: All documents relating to the initial application for a permit to operate and all initial compliance tests shall be submitted to the Department's Bureau of Air Regulation in Tallahassee. Subsequent applications for permit renewals, reports, tests, minor modifications, and notifications shall be submitted to the district office or local program that has permitting/compliance jurisdiction over the current or proposed operating location.
2. 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.]
3. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. 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.]
5. Permit Renewal: Prior to sixty days before the expiration the operation permit, the permittee shall apply for a renewal of a permit. A renewal application shall be timely and sufficient. If the application is submitted prior to the days specified above before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department.
[Rules 62-4.090, F.A.C.]
6. Relocation Notification: At least 7 days prior to relocating the plant to an approved county where public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's district office and/or, if applicable, appropriate local program. The notification shall be submitted using DEP Form 62-210.900(3), F.A.C., along with the appropriate processing fee. All potential operation sites shall be shown on a USGS topographic map. A county license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the district office or local program. If the public notice for a proposed county is more than 5 years old, or if the proposed county was never covered by a public notice, this form shall be submitted at least 30 days in advance of the move and a public notice shall be published prior to operating in the proposed county. Each time that the permittee submits a Notice to Relocate, the operation permit shall be revised to reflect the new location.
[Rule 62-210.370(1), F.A.C.]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

7. Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the subject emissions units 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, 62-110, 62-204, 62-296, 62-297 and the Code of Federal Regulations Title 40, Part 60, adopted by reference in the Florida Administrative Code (F.A.C.) regulations. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations.
[Rules 62-204.800 and 62-210.300, F.A.C.]

EMISSION LIMITING STANDARDS

8. 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 elsewhere 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). If a special compliance test is required (see specific condition 21), the test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rule 62-296.320(4)(b)1, F.A.C.]
9. Unconfined Emissions of Particulate Matter:
- (a) No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including 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 emissions.
 - (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 committed to by the permittee:
 - Emissions that might be generated from various emission points throughout the crushing unit are controlled by a water suppression system with spray bars located at the various emissions points located throughout the plant.
 - All stockpiles and roadways where this crushing unit is located are watered on a regular basis by water trucks equipped with spray bars, to control any fugitive emissions that may be generated by vehicular traffic or prevailing winds.
 - (d) 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.
- [Rule 62-296.320(4)(c), F.A.C. and Permit Application received 11/2/98.]**

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

10. General Pollutant Emission Limiting Standards:

- (a) No person shall 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 deemed necessary and ordered by the Department.
- (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 in Rule 62-210.200(198), F.A.C., 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.]

[Rule 62-296.320(1)(a)&(2), F.A.C.]

OPERATIONAL REQUIREMENTS

11. Modifications: No emissions unit or facility subject to this rule shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification.

[Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

12. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's district office and, if applicable, appropriate local program. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its 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 Department rules.

[Rule 62-4.130, F.A.C.]

13. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	This unit consists of a 100 ton per hour (TPH) HARTL Minitrack Model MT 303 PCV portable impact crusher, and associated equipment (feeder, screens, and conveyors)
002	This unit consists of a 190 kilowatt (KW) Caterpillar Model 3126 diesel powered generator.

NOTE: Emissions unit 001 is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR 60.670 - 60.676) and 40 CFR 60 Subpart A, revised as of July 1, 1997.

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS:

1. Permitted Capacity. The maximum process rate is as follows:

<u>Unit No.</u>	<u>Tons of Concrete Processed Per Hour</u>
001	100

2. Hours of Operation: This facility is allowed to operate up to 2,080 hours during any calendar year.
[Rule 62-210.200, F.A.C., Definitions-potential to emit (PTE) and applicant request]

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

3. Visible Emissions: The emission points described in unit 001 are subject to the visible emission limits of 40 CFR 60 Subpart OOO, as outlined below in Table 1.

Table 1: Process Emission Source Visible Emission Limits

Emission Source	VE Limit (% Opacity)
Receiving Hopper/Grizzly Feeder	10
Crusher	15*
Portable Belt Conveyor(s)	10**
Screen(s)	15
Truck Loading/Unloading	<20

* This limit applies since no capture system is used.

** This limit applies to transfer points onto conveyor belts only.

[40 CFR 60.672.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

4. No Visible Emissions - Saturated Materials: No owner or operator shall cause to be discharged into the atmosphere any visible emissions from:
- (a) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin.
 - (b) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.

[40 CFR 60.672 (h)(1)&(2)]

5. Excess Emissions: The following excess emissions provisions can not be used to vary any NSPS requirements (from any subpart of 40 CFR 60).

- (a) Excess emissions resulting from start-up, shutdown or malfunction of any 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 Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

- (b) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

6. Frequency of Compliance Tests: The owner or operator of the facility shall conduct visible emissions tests annually, in accordance with the conditions listed below.

[Rule 62-297.310(7)(a)4.a. F.A.C.]

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 operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity (i.e., at less than 90 percent of the maximum operation rate allowed by the permit); in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted provided however, operations do not exceed 100 percent of the maximum operation rate allowed by the permit. 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), F.A.C.]

8. Test Procedures shall meet all applicable requirements of Rule 62-297.310(4), F.A.C.

[Rule 62-297.310(4), F.A.C.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

9. Determination of Process Variables:

- (a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight 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.]

10. **Test Notification:** The owner or operator shall notify the Department's district office and, if applicable, appropriate local program, at least 15 days prior to the date on which each formal compliance test is to begin. Notification shall include the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

[Rule 62-297.310(7)(a)9., F.A.C., 40 CFR 60.8]

[Note: The federal requirements of 40 CFR 60.8 require 30 days notice of the initial test and any tests required under section 114 of the Clean Air Act, but the Department rules require 15 days notice for the annual compliance tests. Unless otherwise advised by the Department, provide 15 days notice prior to conducting annual tests, except for the initial test when 30 days notice is required.]

11. **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 a Department rule or in a permit issued pursuant to those rules is being violated, it shall 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 Department.

[Rule 62-297.310(7)(b), F.A.C.]

12. **Visible Emissions Test Duration - Truck Loading/Unloading:** For the truck loading/unloading operation, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297.401, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 12 minutes in duration (or 3 batches) during truck loading. 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.

[Permit 7775058-002-AC]

13. **Visible Emissions Test Method:** In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and (c) (see specific condition 3), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- (a) The minimum distance between the observer and the emissions source shall be 4.57 meters (15 feet).
- (b) The observer shall, when possible, select a position that minimizes interference from other fugitive emissions units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
- (c) For affected emissions 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.

[40 CFR 60.675(c)(1)(i), (ii) & (iii)]

14. When determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR 60.672(b) (see specific condition 3), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

- (a) There are no individual readings greater than 10 percent opacity; and
- (b) There are no more than 3 readings of 10 percent for the 1-hour period.

[40 CFR 60.675(c)(3)(i) & (ii)]

15. When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under 40CFR 60.672(c), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:

- (a) There are no individual readings greater than 15 percent opacity; and
- (b) There are no more than 3 readings of 15 percent for the 1-hour period.

[40 CFR 60.675(c)(4)(i) & (ii)]

16. Visible Emissions Test - Emissions Interference: For the method and procedure of 40 CFR 60.675(c) [specific condition 13 of Section III of this permit, above], if emissions from two or more emissions units continuously interfere so that the opacity of fugitive emissions from an individual affected emissions unit cannot be read, either of the following procedures may be used:

- (a) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emissions units contributing to the emissions stream
- (b) Separate the emissions so that the opacity of emissions from each affected emissions unit can be read.

[40 CFR 60.675(e)(1)(i)&(ii)]

17. No Tests Required - Saturated Materials: Method 9 performance tests under 40 CFR 60.11 and 40 CFR 60.675 are not required for:

- (a) Wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin.
- (b) Screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, that process saturated materials up to the first crusher, grinding mill, or storage bin in the production line.

[40 CFR 60.675(h)(1)&(2)]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

REPORTING AND RECORD KEEPING REQUIREMENTS

18. Log: The permittee shall maintain a log showing the annual hours of operation per year and fuel consumption. Operators shall keep a log to include, at a minimum, the following information:

- (a) The daily location and production rate.
- (b) The daily hours of operation of the crusher system.
- (c) Maintenance and repair logs for any work performed on the permitted emissions units.
- (d) Daily logs regarding the use of wetting agents to control fugitive dust.

This data shall be made available to the Department or county upon request.

[Rule 62-4.070(3), F.A.C.]

19. Operation and Maintenance (O&M): 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 of the parameters being monitored, the frequency of the check/maintenance, observations, and comments.

[Rule 62-4.070(3), F.A.C.]

20. Duration of Record Keeping: 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. 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 for this permit. These records shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

[Rule 62-4.160(14)(a)&(b), F.A.C.]

21. Test Reports: The owner or operator shall submit written reports 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).

- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA Method 9 test, shall provide the following information:

- 1. The type, location, and designation of the emissions unit tested.
- 2. The facility at which the emissions unit is located.
- 3. The owner or operator of the emissions unit.
- 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
- 5. The method, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

6. The type of air pollution control devices installed on the emissions unit, its general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.

[40 CFR 60.676(f), Rule 62-297.310(8)(b)&(c)1. - 6., F.A.C.]

22. Change From Saturated to Unsaturated Material: The owner or operator of any screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to 40 CFR 60.672(h) and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the 10 percent opacity limit in 40 CFR 60.672(b) and the emission test requirements of 40 CFR 60.11 and 40 CFR 60, subpart OOO. Likewise a screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in 40 CFR 60.672(h).
[40 CFR 60.676(g)]

23. Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Department within one 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 Standards of Performance for New Stationary Sources, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A.
[Rule 62-4.130, F.A.C.]

24. Excess Emissions Report - Malfunctions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department or the appropriate local program in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

25. Records Retention: 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. (See also, specific condition 20, Section III of this permit.)
[Rule 62-4.160(14)(a)&(b), F.A.C.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

NSPS GENERAL PROVISIONS

[Note: The numbering of the original rules in the following conditions has been preserved for ease of reference.]

26. Pursuant to 40 CFR 60.7 Notification And Record Keeping:

- (a) Any owner or operator subject to the provisions of 40 CFR 60 shall furnish the Administrator written notification as follows:
- (4) A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.
- (b) The owner or operator subject to the provisions of 40 CFR 60 shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
- (f) The owner or operator subject to the provisions of 40 CFR 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least three years following the date of such measurements, maintenance, reports, and records.

[40 CFR 60.7]

27. Pursuant to 40 CFR 60.8 Performance Tests:

- (a) Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility and at such other times as may be required by the Administrator under section 114 of the Act, the owner or operator of such facility shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s).
- (b) Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternative method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. Nothing in this paragraph shall be construed to abrogate the Administrator's authority to require testing under section 114 of the Act.

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- (c) Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.
- (d) The owner or operator of an affected facility shall provide the Administrator at least 30 days prior notice of any performance test, except as specified under other subparts, to afford the Administrator the opportunity to have an observer present.

[40 CFR 60.8]

28. Pursuant to 40 CFR 60.11 Compliance With Standards And Maintenance Requirements:

- (a) Compliance with standards in 40 CFR 60, other than opacity standards, shall be determined only by performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard.
- (b) Compliance with opacity standards in 40 CFR 60.11 shall be determined by conducting observations in accordance with Reference Method 9 in appendix A of 40 CFR 60.11, any alternative method that is approved by the Administrator, or as provided in 40 CFR 60.11(e)(5). [Under certain conditions (40 CFR 60.675(c)(3)&(4)), Method 9 observation time may be reduced from 3 hours to 1 hour. Some affected facilities are exempted from Method 9 tests (40 CFR 60.675 (h)). See specific conditions 14 and 15, Section III, above for test duration requirements.]
- (c) The opacity standards set forth in 40 CFR 60.11 shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.
- (d) At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
- (g) For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

[40 CFR 60.11]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

29. Pursuant to 40 CFR 60.12 Circumvention:

No owner or operator subject to the provisions of 40 CFR 60.12 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

[40 CFR 60.12]**30. Pursuant to 40 CFR 60.19 General notification and reporting requirements:**

- (a) For the purposes of this part, time periods specified in days shall be measured in calendar days, even if the word "calendar" is absent, unless otherwise specified in an applicable requirement.
- (b) For the purposes of this part, if an explicit postmark deadline is not specified in an applicable requirement for the submittal of a notification, application, report, or other written communication to the Administrator, the owner or operator shall postmark the submittal on or before the number of days specified in the applicable requirement. For example, if a notification must be submitted 15 days before a particular event is scheduled to take place, the notification shall be postmarked on or before 15 days preceding the event; likewise, if a notification must be submitted 15 days after a particular event takes place, the notification shall be delivered or postmarked on or before 15 days following the end of the event. The use of reliable non-Government mail carriers that provide indications of verifiable delivery of information required to be submitted to the Administrator, similar to the postmark provided by the U.S. Postal Service, or alternative means of delivery agreed to by the permitting authority, is acceptable.
- (c) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. Procedures governing the implementation of this provision are specified in paragraph (f) of this section.
- (d) If an owner or operator of an affected facility in a State with delegated authority is required to submit periodic reports under this part to the State, and if the State has an established timeline for the submission of periodic reports that is consistent with the reporting frequency(ies) specified for such facility under this part, the owner or operator may change the dates by which periodic reports under this part shall be submitted (without changing the frequency of reporting) to be consistent with the State's schedule by mutual agreement between the owner or operator and the State. The allowance in the previous sentence applies in each State beginning 1 year after the affected facility is required to be in compliance with the applicable subpart in this part. Procedures governing the implementation of this provision are specified in paragraph (f) of this section.
- (f)(1)(i) Until an adjustment of a time period or postmark deadline has been approved by the Administrator under paragraphs (f)(2) and (f)(3) of this section, the owner or operator of an affected facility remains strictly subject to the requirements of this part.
- (ii) An owner or operator shall request the adjustment provided for in paragraphs (f)(2) and (f)(3) of this section each time he or she wishes to change an applicable time period or postmark deadline specified in this part.

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- (2) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. An owner or operator who wishes to request a change in a time period or postmark deadline for a particular requirement shall request the adjustment in writing as soon as practicable before the subject activity is required to take place. The owner or operator shall include in the request whatever information he or she considers useful to convince the Administrator that an adjustment is warranted.
- (3) If, in the Administrator's judgment, an owner or operator's request for an adjustment to a particular time period or postmark deadline is warranted, the Administrator will approve the adjustment. The Administrator will notify the owner or operator in writing of approval or disapproval of the request for an adjustment within 15 calendar days of receiving sufficient information to evaluate the request.
- (4) If the Administrator is unable to meet a specified deadline, he or she will notify the owner or operator of any significant delay and inform the owner or operator of the amended schedule.

[40 CFR 60.19]

APPENDIX GC – GENERAL PERMIT CONDITIONS

[F.A.C. 62-4.160]

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

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

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

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

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

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

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

- 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 PC – PERMITTED COUNTIES

The applicant has published the proper public notices and is authorized to operate in the following counties:

Permitted Counties:	Public Notice Valid Until:	Permitted Counties:	Public Notice Valid Until:	Permitted Counties:	Public Notice Valid Until:
Alachua		Hamilton		Okeechobee	
Baker		Hardee		Orange	
Bay		Hendry		Osceola	
Bradford		Hernando		Palm Beach	
Brevard		Highlands		Pasco	
Broward		Hillsborough		Pinellas	
Calhoun		Holmes		Polk	
Charlotte		Indian River		Putnam	
Citrus		Jackson		St. Johns	
Clay		Jefferson		St. Lucie	April 13, 2004
Collier		Lafayette		Santa Rosa	
Columbia		Lake		Sarasota	
Dade		Lee		Seminole	
DeSoto		Leon		Sumter	
Dixie		Levy		Suwannee	
Duval		Liberty		Taylor	
Escambia		Madison		Union	
Flagler		Manatee		Volusia	
Franklin		Marion		Wakulla	
Gasden		Martin		Walton	
Gilchrist		Monroe		Washington	
Glades		Nassau			
Gulf		Okaloosa			



LINDAHL, BROWNING, FERRARI & HELLSTROM, INC.
CONSULTING ENGINEERS, SURVEYORS & MAPPERS

September 3, 1999

Mr. Ross Pollock
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blainstone Road
Tallahassee, Florida 32399-2400

RECEIVED

SEP 10 1999

BUREAU OF AIR REGULATION

**Re: TRS Concrete Recycling – Operating Permit Application
99-0254/PERM**

Dear Ross:

Attached is the following:

1. Four signed and sealed copies of the operating permit application.
2. Copy of the visual emission observations performed on 8/17/99 attached as TRS-6.
3. Check from TRS Concrete Recycling for \$1,000.

Please note that attachments TRS-1 through TRS-5 are not enclosed since they are already contained in your file.

Should you have any questions or comments, please contact Seton Katz or myself at (561) 286-3883.

Sincerely,

LINDAHL, BROWNING
FERRARI & HELLSTROM, INC.



Scott A. Eckler, P.E.
Client Service Manager

SAE/SK/da
Enclosures

cc: Tommy Hawkins
P:\99-0254\TRS Letter.doc

T.R.S. CONCRETE RECYCLING, INC.
909 BARREL AVE.
FORT PIERCE, FL 34982
(851) 464-7587

7-96

FIRST UNION NATIONAL BANK
OF FLORIDA
FORT PIERCE, FL

1747

9/7/1999

PAY TO THE ORDER OF Fl. Dept. Of Environmental Protection

\$1,000.00

One Thousand and 00/100

DOLLARS

Security features
included.
Details on back.

MEMO operating permit

Lois Hunter

MP

T.R.S. CONCRETE RECYCLING, INC.

Fl. Dept. Of Environmental Protection

9/7/1999

1747

1,000.00

Tommy Hawkins & Sons, operating permit

1,000.00

RECEIVED

SEP 10 1999

BUREAU OF AIR REGULATION



Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE

See Instructions for Form No. 62-210.900(3)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: TRS Concrete Recycling, Inc.	
2. Site Name: Ft. Pierce, FL.	
3. Facility Identification Number: [X] Unknown	
4. Facility Location: Street Address or Other Locator: 8800 Midway Rd City: Ft. Pierce County: St. Lucie Zip Code: 34982	
5. Relocatable Facility? [X] Yes [] No	6. Existing Permitted Facility? [X] Yes [] No

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: 34982	
3. Application Contact Telephone Numbers: Telephone: (561) 464 - 7587 Fax: (561) 464 - 0594	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	9/10/99
2. Permit Number:	7775058-003-AD

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- ☐ Initial non-Title V air operation permit for one or more existing, but previously unpermitted, emissions units.
- ☒ Initial non-Title V air operation permit for one or more newly constructed or modified emissions units.

Current construction permit number: 7775058-002-AC

- ☐ Non-Title V air operation permit revision to address one or more newly constructed or modified emissions units.

Current construction permit number: _____

Operation permit number to be revised: _____

- ☐ Initial non-Title V 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):

- ☐ Non-Title V 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 number to be revised: _____

Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

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

Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative: <u>Tommy Hawkins, President</u>
2. Owner/Authorized Representative 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 Telephone Numbers: Telephone: (561) 464 - 7587 Fax: (561) 464 - 0594
4. Owner/Authorized Representative Statement: <i>I, the undersigned, am the owner or authorized representative* of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  <u>9-7-99</u> Signature Tommy Hawkins Date

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: Scott A. Eckler, P.E. Registration Number: 43275
2. Professional Engineer Mailing Address: Organization/Firm: Lindahl, Browning, Ferrari, and Hellstrom, Inc. Street Address: 3550 SW Corporate Pkwy. City: Palm City State: FL Zip Code: 34990
3. Professional Engineer Telephone Numbers: Telephone: (561) 286 - 3883 Fax: (561) 286 - 3925

4. Professional Engineer Statement:

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

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

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

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

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

Signature

Date

(seal)

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
Unknown	Type II Emission Unit – Impact crusher with screen classifier and industrial diesel engine.	AO	\$1,000

Application Processing Fee

Check one: [X] Attached - Amount: \$ 1,000 _____ [] 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.

(The above description reflects no alteration in the design or method of operation proposed in the construction permit application).

2. Projected or Actual Date of Commencement of Construction: N/A – Manufactured unit purchased used.

3. Projected Date of Completion of Construction:

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: 0	4. Facility Status Code: C	5. Facility Major Group SIC Code: 14	6. Facility SIC(s): 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

Check all that apply:

Rule Applicability Analysis

DEP Form No. 62-210.900(3) - Form
Effective: 2/11/99

B. FACILITY POLLUTANTS

List of Pollutants Emitted

[illegible]

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: [X] Attached, Document ID: _TRS-1_ [] Not Applicable [] Waiver Requested
2. Facility Plot Plan: [X] Attached, Document ID: _TRS-2_ [] Not Applicable [] Waiver Requested
3. Process Flow Diagram(s): [X] Attached, Document ID: _TRS-3_ [] Not Applicable [] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [X] Attached, Document ID: _TRS-4_ [] Not Applicable [] Waiver Requested
5. Supplemental Information for Construction Permit Application: [] Attached, Document ID: _____ [X] Not Applicable
6. Supplemental Requirements Comment: All required attachments were submitted with the construction permit application.

III. EMISSIONS UNIT INFORMATION

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

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one) <input type="checkbox"/> 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). <input checked="" type="checkbox"/> 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. <input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.		
2. Description of Emissions Unit Addressed in This Section (limit to 60 characters): HARTZ Minitract Impact Crusher with diesel industrial engine power unit and screen classifier.		
3. Emissions Unit Identification Number: ID:		<input checked="" type="checkbox"/> No ID <input type="checkbox"/> ID Unknown
4. Emissions Unit Status Code: A	5. Initial Startup Date: 9/16/97	6. Emissions Unit Major Group SIC Code: 14
7. Emissions Unit Comment: (Limit to 500 Characters)		

Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method):
 Crusher has an integral water spray that wets the material before it enters the crusher.
 Crushed material remains wet which minimizes particulate emissions in crushing, screening,
 and stockpiling operations.

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

Emissions Unit Details

1. Package Unit: Mini Track with container mobile screen			
Manufacturer:	HARTL	Model Number:	MT 503 PCV
2. Generator Nameplate Rating:	MW		
3. Incinerator Information:			
	Dwell Temperature:		°F
	Dwell Time:		seconds
	Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity and Schedule

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 per hour			
4. Maximum Production Rate:			
5. Requested Maximum Operating Schedule:			
	8	hours/day	5 days/week
	52	weeks/year	2040 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):			

B. EMISSION POINT (STACK/VENT) INFORMATION**Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram? Particulate Emission Source		2. Emission Point Type Code: 1	
3. Descriptions of Emission 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: P	6. Stack Height: feet	7. Exit Diameter: feet	
8. Exit Temperature: 77 °F	9. Actual Volumetric Flow Rate: acfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: 10 feet	
13. Emission Point UTM Coordinates: Zone: 17 East (km): 557.68 North (km): 3027.91			
14. Emission Point Comment (limit to 200 characters):			

C. SEGMENT (PROCESS/FUEL) INFORMATION**Segment Description and Rate:** Segment 1 of 2

1. Segment Description (Process/Fuel Type) (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 % Sulfur:	8. Maximum % 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) (limit to 500 characters): Industrial diesel engine		
2. Source Classification Code (SCC): 2-02-001-02		3. SCC Units: Thousand gallons used
4. Maximum Hourly Rate: 0.0188	5. Maximum Annual Rate: 38.4	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters): No. 2 Diesel Fuel		

Potential Emissions

Allowable Emissions Allowable Emissions 1 of 1

DEP Form No. 62-210.900(3) - Form
Effective: 2/11/99

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION**Supplemental Requirements**

1. Process Flow Diagram [X] Attached, Document ID: <u>TR-1</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [X] Attached, Document ID: <u>TR-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 [X] Attached, Document ID: <u>TR-6</u> [] Previously submitted, Date: _____ [] Not Applicable
6. Procedures for Startup and Shutdown [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
7. Operation and Maintenance Plan [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
8. Supplemental Information for Construction Permit Application [] Attached, Document ID: _____ [X] Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [X] Not Applicable
10. Supplemental Requirements Comment: Attached is the visible emission observation form 1 from the observation conducted on 8/17/99 by Bertha Wiggins of Dickerson of Florida, Inc.

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method 9 (Side One) 213A 213B Other

Company Name **TRS Concrete Recycling**
 Facility Name **ASPHALT PLANT**
 Street Address **3764 Selwitz Rd**
 City **FT Pierce** State **FL** Zip **34982**

Process **Rock Crusher** Unit # **100TPH** Operating Mode **Stacker**
 Control Equipment **Stacker** Operating Mode

Describe Emission Point **Stack on Crusher**
 Height of Emiss. Pt. **Start 25' End 25'** Height of Emiss. Pt. Rel. to Observer **Start End**
 Distance to Emiss. Pt. **Start 50' End 51'** Direction to Emiss. Pt. (Degrees) **Start End**

Vertical Angle to Obs. Pt. **Start End** Direction to Obs. Pt. (Degrees) **Start End**
 Distance and Direction to Observation Point from Emission Point **Start End**

Describe Emissions **Start Attached End SAME**
 Emission Color **Start GRAY End GRAY** Water Droplet Plume **Attached ☒ Detached ☐ None ☐**

Describe Plume Background **Start Cloudy End SAME**
 Background Color **Start Sky Hazy End SAME** Sky Conditions **Start SAME End SAME**
 Wind Speed **Start 2-5 End 3-5** Wind Direction **Start NNE End NE**
 Ambient Temp. **Start 90 End 95** Wet Bulb Temp. **Start End** RH Percent **Start End**

Source Layout Sketch

Draw North Arrow ☐ TN ☐ MN

Observer's Position

Observation Point

Sun Location Line

Stack With Plume

Wind

Longitude Latitude Declination

Additional Information

Form Number **1** Page **1** of **1**
 Continued on VEO Form Number **2**

Observation Date	Time Zone	Start Time	End Time
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
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27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0

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TRS-6

Observer's Name (Print) **John L. Williams**
 Observer's Signature **John L. Williams** Date **8-17-99**
 Organization **TRC Williams**
 Certified by **ETP** Date **8-99**

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)	203A	203B	Other
Method 9			

Company Name T.R.S. Concrete Recycling		
Facility Name Duckerson E1 EOC		
Street Address 2701 SW 11th Rd		
City Ft. Pierce	State FL	Zip 34948

Process Crusher-Incliner	Unit # 3-3	Operating Mode KCI Normal
Control Equipment	Operating Mode	

Describe Emission Point

Height of Emiss. Pt. Start	End	Height of Emiss. Pt. Rel. to Observer Start	End
Distance to Emiss. Pt. Start	End	Direction to Emiss. Pt. (Degrees) Start	End

Vertical Angle to Obs. Pt. Start	End	Direction to Obs. Pt. (Degrees) Start	End
Distance and Direction to Observation Point from Emission Point Start		End	

Describe Emissions

Start	End	Water Droplet Plume
Emission Color	Attached <input type="checkbox"/>	Detached <input type="checkbox"/>
Start	End	None <input type="checkbox"/>

Describe Plume Background

Start	End	Sky Conditions
Background Color	Start	End
Wind Speed	Start	End
Start	End	Wind Direction
Ambient Temp.	Start	End
Start	End	Wet Bulb Temp.
Start	End	RH Percent

Source Layout Sketch

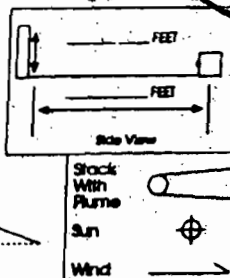
Draw North Arrow

☐ TN ☐ MN

X Observation Point

Observer's Position

Sun Location Line



Longitude	Latitude	Declination
-----------	----------	-------------

Additional Information

Wells off Center

Form Number	Page	Of
	2	2
Continued on VEO Form Number		

Observation Date	Time Zone	Start Time	End Time
8-17-99	EST	11:00	11:30

Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
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26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print)	Bertha Wiggins
Observer's Signature	Bertha Wiggins
Organization	7-17-99
Checked By	7-17-99

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)	203A	203B	Other
--------------------------	------	------	-------

Company Name TRS Concrete Recycling		
Facility Name ASPHALT PLANT		
Street Address 3760 Selwitz Rd		
City FT Pierce	State FL	Zip 34982

Process Rock Crusher	Unit # 100 TPH	Operating Mode Stacker
Control Equipment Stacker		Operating Mode

Describe Emission Point Stack on Crusher	
--	--

Height of Emiss. Pt. Start 25' End 25'	Height of Emiss. Pt. Rel. to Observer Start End
Distance to Emiss. Pt. Start 50' End 5'	Direction to Emiss. Pt. (Degrees) Start End

Vertical Angle to Obs. Pt. Start End	Direction to Obs. Pt. (Degrees) Start End
Distance and Direction to Observation Point from Emission Point Start End	

Describe Emissions Start Attached End SAME	
Emission Color Start Gray End Gray	Water Droplet Plume Attached <input checked="" type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>

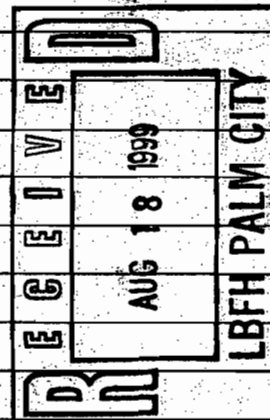
Describe Plume Background Start Cloudy End SAME	
Background Color Start Same End Same	Sky Conditions Start Same End Same
Wind Speed Start 2-3 End 2-3	Wind Direction Start NE End NE
Ambient Temp. Start 90 End 95	Wet Bulb Temp. RH Percent

Source Layout Sketch		Draw North Arrow <input type="checkbox"/> TN <input type="checkbox"/> MN
Longitude	Latitude	Declination

Additional Information	
------------------------	--

Form Number	Page	of
Continued on VEO Form Number		

Observation Date 2-17-99		Time Zone EST		Start Time	End Time
Sec	Min	0	15	30	45
Comments					
1	0	0	0	0	
2	0	0	5	0	
3	0	0	0	0	
4	5	0	0	0	
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26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	



Observer's Name (Print) Thomas Williams	
Observer's Signature Thomas Williams	Date 2-17-99
Organization ETP	
Certified By ETP	Date 2-17-99

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
Method 9 203A 203B Other

Company Name TRS Concrete Recycling
 Facility Name DILLIKERSON FI INC.
 Street Address 2760 S. W. 12th Rd
 City FT. LAUDERDALE State FL Zip 34982

Process CRUSHY INCLIN Unit # 3-3 Operating Mode NO DATA
 Control Equipment _____ Operating Mode _____

Describe Emission Point

Height of Emiss. Pt. _____ Height of Emiss. Pt. Rel. to Observer _____
 Start _____ End _____ Start _____ End _____
 Distance to Emiss. Pt. _____ Direction to Emiss. Pt. (Degrees) _____
 Start _____ End _____ Start _____ End _____

Vertical Angle to Obs. Pt. _____ Direction to Obs. Pt. (Degrees) _____
 Start _____ End _____ Start _____ End _____
 Distance and Direction to Observation Point from Emission Point _____
 Start _____ End _____

Describe Emissions
 Start _____ End _____
 Emission Color _____ Water Droplet Plume _____
 Start _____ End _____ Attached ☐ Detached ☐ None ☐

Describe Plume Background
 Start _____ End _____
 Background Color _____ Sky Conditions _____
 Start _____ End _____ Start _____ End _____
 Wind Speed _____ Wind Direction _____
 Start _____ End _____ Start _____ End _____
 Ambient Temp. _____ Wet Bulb Temp. _____ RH Percent _____
 Start _____ End _____

Source Layout Sketch

Draw North Arrow
☐ TN ☐ MN

Observer's Position

140°

Sun Location Line

FEET

FEET

Side View

Stack With Plume

Sun

Wind

Longitude _____ Latitude _____ Declination _____

Additional Information
Woods off Curbside

Form Number _____ Page 2 of 2
 Continued on VEO Form Number _____

Observation Date		Time Zone			Start Time	End Time
8-17-99		EST			11:00	11:30
Sec Min	0	15	30	45	Comments	
1	0	0	0	0		
2	0	0	0	0		
3	0	0	0	0		
4	0	0	0	0		
5	0	0	0	0		
6	0	0	0	0		
7	0	0	0	0		
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25	0	0	0	0		
26	0	0	0	0		
27	0	0	0	0		
28	0	0	0	0		
29	0	0	0	0		
30	0	0	0	0		

Observer's Name (Print) Betha Wiggins
 Observer's Signature Betha Wiggins Date 8-17-99
 Organization BWiggins
 Certified by ETA Date 8-17-99

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method used (Circle One) Method 9 203A 203B Other: _____

Company Name TRS Concrete Recycling
 Facility Name ASPHALT PLANT
 Street Address 3260 Selwitz Rd
 City FT Pierce State FL Zip 34982

Process Rock Crusher Unit # _____ Operating Mode LOCATION
 Control Equipment Stacker Operating Mode _____

Describe Emission Point
Stack on Crusher

Height of Emiss. Pt. Start 25' End 25' Height of Emiss. Pt. Rel. to Observer Start _____ End _____
 Distance to Emiss. Pt. Start 50' End 5' Direction to Emiss. Pt. (Degrees) Start _____ End _____

Vertical Angle to Obs. Pt. Start _____ End _____ Direction to Obs. Pt. (Degrees) Start _____ End _____
 Distance and Direction to Observation Point from Emission Point Start _____ End _____

Describe Emissions
 Start Attached End SAME
 Emission Color Start GRAY End GRAY Attached ☒ Detached ☐ None ☐

Describe Plume Background
 Start Cloudy End SAME
 Background Color Start Gray End SAME
 Wind Speed Start 2-5 End 2-5 Wind Direction Start NE End NE
 Ambient Temp. Start 90 End 93 Wet Bulb Temp. _____ RH Percent _____

Source Layout Sketch

Draw North Arrow ☐ TN ☐ MN

Observer's Position

Observation Point

Sun Location Line

140°

FEET

FEET

Side View

Stack With Plume

Sun

Wind

Longitude _____ Latitude _____ Declination _____

Additional Information

Form Number _____ Page 1 of 1
 Continued on VEO Form Number _____

Observation Date 7-17-99 Time Zone EST Start Time _____ End Time _____

Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	5	0	
3	0	0	0	0	
4	5	0	0	0	
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27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

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Observer's Name (Print) Barbara Williams
 Observer's Signature Barbara Williams Date 7-17-99
 Organization B Williams
 Certified By EPA Date 10-99

TRS-6

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
Method 9 203A 203B Other:

Company Name
 TRS Concrete Recycling
 Facility Name
 DICKERSON F1 END
 Street Address
 2760 SHELUTE RD
 City
 FT HARRIS State
 FL Zip
 34982

Process
 CRUSHY INCLIN 3-3 Unit #
 KCI Per h. L. Operating Mode
 Control Equipment
 Operating Mode

Describe Emission Point
 Height of Emiss. Pt.
 Start End
 Height of Emiss. Pt. Rel. to Observer
 Start End
 Distance to Emiss. Pt.
 Start End
 Direction to Emiss. Pt. (Degrees)
 Start End

Vertical Angle to Obs. Pt.
 Start End
 Direction to Obs. Pt. (Degrees)
 Start End
 Distance and Direction to Observation Point from Emission Point
 Start End

Describe Emissions
 Start End
 Emission Color
 Water Droplet Plume
 Attached ☐ Detached ☐ None ☐

Describe Plume Background
 Start End
 Background Color
 Sky Conditions
 Start End
 Wind Speed
 Wind Direction
 Start End
 Ambient Temp.
 Wet Bulb Temp.
 RH Percent
 Start End

Source Layout Sketch

Draw North Arrow
☐ TN ☐ MN

5 1 2 3 4

X Observation Point

Observer's Position

140°

Sun Location Line

Stack With Plume

Sun

Wind

Longitude Latitude Declination

Additional Information
 Dicks off Currier

Form Number Page 2 of 2
 Continued on VEO Form Number

Observation Date		Time Zone		Start Time	End Time	
8-17-99		EST		11:00	11:30	
Min	Sec	0	15	30	45	Comments
1		0	0	0	0	
2		0	0	0	0	
3		0	0	0	0	
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15		0	0	0	0	
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21		0	0	0	0	
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24		0	0	0	0	
25		0	0	0	0	
26		0	0	0	0	
27		0	0	0	0	
28		0	0	0	0	
29		0	0	0	0	
30		0	0	0	0	

Observer's Name (Print)
 Berntha Wiggins
 Observer's Signature
 Berntha Wiggins
 Date
 8-17-99
 Organization
 B Wiggins
 Certified By
 JTA
 Date
 8-17-99

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method 9 (Circle One) 203A 203B Other: _____

Company Name: TRS Concrete Recycling
 Facility Name: ASPHALT PLANT
 Street Address: 3264 Selwitz Rd
 City: FT Pierce State: FL Zip: 34982

Process: Rock Crusher Unit #: _____ Operating Mode: 100 TPD
 Control Equipment: Stacker Operating Mode: _____

Describe Emission Point: Stack on Crusher

Height of Emiss. Pt.: Start 25' End 25'
 Distance to Emiss. Pt.: Start 50' End 5'

Vertical Angle to Obs. Pt.: Start _____ End _____
 Direction to Obs. Pt. (Degrees): Start _____ End _____
 Distance and Direction to Observation Point from Emission Point: Start _____ End _____

Describe Emissions: Start Attached End SAME
 Emission Color: Start GRAY End GRAY Attached ☒ Detached ☐ None ☐

Describe Plume Background: Start Cloudy End SAME
 Background Color: Start Cloudy End SAME
 Wind Speed: Start 2-5 End 2-5
 Ambient Temp.: Start 90 End 95

Source Layout Sketch:
 Longitude: _____ Latitude: _____ Declination: _____

Additional Information: _____

Form Number: _____ Page: 1 of 1
 Continued on VEO Form Number: _____

Observation Date		Time Zone				Start Time	End Time
8-17-99		EST					
Min	Sec	0	15	30	45	Comments	
1		0	0	0	0		
2		0	0	5	0		
3		0	0	0	0		
4		5	0	0	0		
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8		0	5	0	0		
9		0	0	5	0		
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11		0	0	0	0		
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14		0	0	0	0		
15		0	0	0	0		
16		0	0	0	0		
17		0	0	0	0		
18		0	5	0	0		
19		0	0	0	0		
20		0	0	0	0		
21		0	5	0	0		
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23		0	0	0	0		
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25		0	0	0	0		
26		0	0	0	0		
27		0	0	0	0		
28		0	0	0	0		
29		0	0	0	0		
30		0	0	0	0		

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AUG 18 1999

LBFH PALM CITY

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 AUG 18 1999
 LBPH PALM CITY

Observer's Name (Print): John Wiggins
 Observer's Signature: John Wiggins Date: 8-17-99
 Organization: TRC
 Certified By: ETA Date: 8-99

TRS-6

EPA

VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
Method 9 203A 203B Other

Company Name
TPS Concrete Recycling

Facility Name
DICKERSON FL IND

Street Address
2760 S.W. 112 RD

City
FT. LAUDERDALE

State
FL

Zip
34482

Process
PUSHY INCLIN

Unit #
2-3

Operating Mode
VCL PPH

Control Equipment

Operating Mode

Describe Emission Point

Height of Emiss. Pt.
Start End

Height of Emiss. Pt. Rel. to Observer
Start End

Distance to Emiss. Pt.
Start End

Direction to Emiss. Pt. (Degrees)
Start End

Vertical Angle to Obs. Pt.
Start End

Direction to Obs. Pt. (Degrees)
Start End

Distance and Direction to Observation Point from Emission Point
Start End

Describe Emissions

Start End

Emission Color

Water Droplet Plume
Attached ☐ Detached ☐ None ☐

Describe Plume Background

Start End

Background Color

Sky Conditions

Start End

Wind Speed

Wind Direction

Start End

Ambient Temp.

Wet Bulb Temp.

RH Percent

Start End

Source Layout Sketch

Draw North Arrow
☐ TN ☐ MN

Observer's Position

Observation Point

Sun Location Line

140°

FEET

FEET

Side View

Stack With Plume

Sun

Wind

Longitude

Latitude

Declination

Additional Information
Dicks off Currier

Form Number

Page 2 of 2

Continued on VEO Form Number

Observation Date		Time Zone		Start Time	End Time
8-17-99		EST		11:00	11:30
Sec	0	15	30	45	Comments
Min					
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
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11	0	0	0	0	
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13	0	0	0	0	
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17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

Observer's Name (Print)
Bertha Wiggins

Observer's Signature
Bertha Wiggins

Date
8-17-99

Organization
B Wiggins

Certified By
ETA

Date
8-17-99