

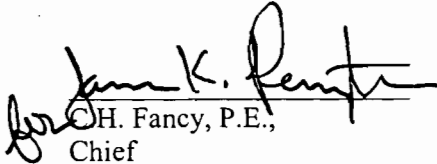
Independence Excavating, Inc.
730 Roosevelt Plaza
Tampa Port Authority
Tampa, Florida 33605

NOTICE OF ISSUANCE OF FINAL AIR OPERATION PERMIT

Enclosed is the Final Air Operation Permit, No. 7775087-002-AO, for a diesel engine powered portable concrete, asphalt, and construction debris crusher that will be allowed to operate at sites in those counties designated in Appendix-PC. This permit is issued pursuant to Chapter 403, Florida Statutes (F.S.).

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.


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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this AIR OPERATION PERMIT was sent by certified mail (*) and copies were mailed by U.S. Mail, or electronic mail (as noted) before the close of business on 6/27/01 to the person(s) listed:

Vic Digeronimo(*), President, Independence Excavating, Inc., 730 Roosevelt Plaza, Tampa Port Authority, Tampa, FL 33605

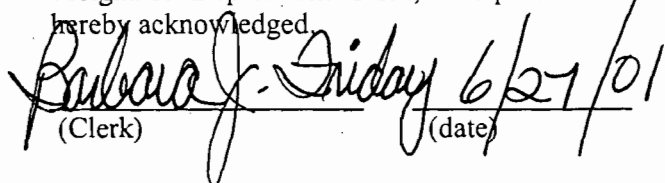
Ken Roberts, Southern Environmental Sciences, Inc., 1204 N Wheeler Street, Plant City, FL 33566

Len Kozlov, DEP, Central District

Marie Driscoll, Orange County Environmental Protection Department

Clerk Stamp

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


(Clerk) 6/27/01 (date)

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7099 3400 0000 1449 2013

Article Sent To:	
Mr. Vic Digeronimo, President	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Name (Please Print Clearly) (to be completed by mailer)	
Mr. Vic Digeronimo, President	
Street, Apt. No., or PO Box No.	
730 Roosevelt Plaza	
City, State, ZIP+4	
Tampa, Florida 33605	
PS Form 3800, July 1999	
See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Mr. Vic Digeronimo, President
 Independence Excavating, Inc.
 730 Roosevelt Plaza
 Tampa Port Authority
 Tampa, Florida 33605

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery
 Patty Daggata 6.29.01

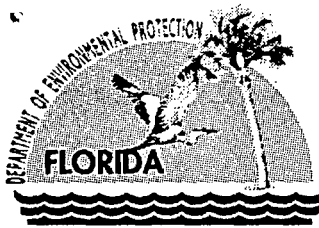
C. Signature Agent
 x Patty Daggata Addressee

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Copy from service label)
 7099 3400 0000 1449 2013



Department of Environmental Protection

Jeb Bush
Governor

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

PERMITTEE

Independence Excavating, Inc.
730 Roosevelt Plaza
Tampa Port Authority
Tampa, Florida 33605

FID No.: 7775087
Permit No.: 7775087-002-AO

SIC No.: 1795

Expires: August 31, 2005

Project: Diesel engine powered
relocatable concrete, asphalt and rock
crusher Hazmag Model 1313 and
Caterpillar 320 hp diesel powered
electric generator

AUTHORIZED REPRESENTATIVE

Mr. Vic Digeronimo, President

PROJECT

This Air Operation Permit allows the applicant to operate a diesel engine powered relocatable concrete, asphalt and rock crushing plant.

STATEMENT OF BASIS

This Air 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. An Air Construction Permit was issued September 6, 2000. Initial compliance testing was completed January 17, 2001. The above named permittee is authorized to operate the facility in accordance with the conditions of this permit and as described in the application, Air Construction Permit, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

APPENDICES

The attached appendices are a part of this permit:

Appendix GC – General Permit Conditions

Appendix PC – Permitted Counties

Howard L. Rhodes, Director
Division of Air Resources Management

"More Protection, Less Process"

Printed on recycled paper.

SECTION II. FACILITY-WIDE DESCRIPTION AND INFORMATION

FACILITY DESCRIPTION

This facility consists of a 150 tons per hour (TPH) Hazmag Model 1313 relocatable impact crusher and associated equipment (feeder, screens, and conveyors) and a 200 KW Caterpillar generator driven by a 320 hp Caterpillar diesel motor. Unconfined fugitive particulate matter emissions throughout the crushing unit operation are controlled by a water suppression system.

REGULATORY CLASSIFICATION

The crusher and associated equipment are subject to the regulations of 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The generator portion of the facility is regulated under Rule 62-210.300, F.A.C., Permits Required, since 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 for Air Construction Permit received (Bureau of Air Regulation) on June 2, 1999
- Notice of intent to issue Air Construction Permit clerked on August 16, 1999
- Public Notice published in the Orlando Sentinel on August 15, 2000
- Affidavit of publication received August 20, 2000
- Air Construction Permit issued September 6, 2000
- Application for Air Operation Permit with Compliance Test Report received on May 14, 2001

PERMITTED COUNTIES

Please see Appendix PC, Permitted Counties, for a list of counties in which the facility will be able to operate. The list of authorized counties may be expanded by an application for a minor modification of the underlying Air Construction Permit, 7775087-001-AC, accompanied by the appropriate fee and proof of publication in the additional counties. As these modifications are made, the publication date for the additional authorized counties shall be inserted into Appendix PC of both the Air Construction and Air Operation Permits.

OPERATING LOCATION

The facility will begin initial operation at 9800 Recycle Center Road, Orlando, Orange County. The UTM coordinates of this location are Zone 17; 463.3 km E; and, 3144.3 km N.

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

The following facility-wide 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 Department's District office or local program office that has permitting/compliance jurisdiction over the current or proposed operating location.
2. General Conditions: In addition to the specific conditions of this permit, the owner and operator are subject to and shall operate under the General Permit Conditions G.1 through G.15, contained in the attached Appendix GC – General Permit Conditions. General Permit Conditions are binding and enforceable pursuant to Chapter 403, F.S.
[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. Expiration Date: This Air Operation Permit expires on **August 31, 2005**, simultaneously with the underlying Air Construction Permit, No. 7775087-001-AC. Neither this Air Operation Permit nor the underlying Air Construction Permit authorize any further construction or modification of this unit. The underlying Air Construction Permit, No. 7775087-001-AC, remains open for the sole purpose of allowing additional publication of the public notice and expanding the list of authorized counties in Appendix PC. [Rules 62-4.070(4), F.A.C.]
6. Notification of Intent to Relocate: The Air Operation Permit shall be amended upon each change of location of the facility. The owner or operator of the facility must submit a Notification of Intent to Relocate Air Pollutant Emitting Facility [DEP Form No. 62-210.900(6)] to the Department's District office and/or, if appropriate, the local program office, at least seven (7) days prior to the change, if the facility would be relocated to a county in which public notice of the proposed operation of the facility had been given within the previous five years pursuant to Rule 62-210.350(1), F.A.C., or otherwise thirty (30) days prior to the change. A separate form shall be submitted for each facility in the case of the relocation of multiple facilities which are jointly owned or operated.

The notification shall be submitted to the Department's District office and any approved local program office using DEP Form No. 62-210.900(6), along with the appropriate processing fee, and a USGS topographic map showing all potential sites in such county.
[Rule 62-210.370(1), F.A.C.]
7. Renewal Required: An application to renew the operating permit must be submitted to the Department's Bureau of Air Regulation in Tallahassee at least 60 days prior to the expiration date of this permit. To renew an operation permit the applicant shall submit the appropriate application form and fee, a report on any physical change or major maintenance to the facility, and compliance reports as required by this permit.
[Rule 62-4.090, F.A.C.]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

8. Applicable Regulations: Unless otherwise indicated in this permit, the operation of the facility 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.; Chapters 62-4, 62-204, 62-210, 62-212, 62-296, 62-297, F.A.C; and, 40 CFR Parts 60 and 61, adopted by reference in the Florida Administrative Code. 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

9. 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; 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.]
10. 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:
 - Unconfined particulate emissions that might be generated from various emission points throughout the crushing operation shall be controlled by a water suppression system with spray bars located at the various emissions points.
 - All stockpiles and roadways where this crushing operation is located shall be watered on a regular basis by water trucks equipped with spray bars, to control any unconfined fugitive particulate 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, 7775087-001-AC]

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

11. 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.

{Permitting note: No vapor control device was deemed necessary at the time of issuance of this permit.}

- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

{Permitting 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.}

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

OPERATIONAL REQUIREMENTS

12. 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.]

13. 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 office. 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.]

14. 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

SUBSECTION A: The following emission units with their descriptions are covered in this subsection.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	This unit consists of a 150 tons per hour (TPH) Hazmag Model 1313 relocatable impact crusher, and associated equipment (feeder, screens, and conveyors)
002	This unit consists of a 200 KW Caterpillar generator, driven by a 320 hp Caterpillar diesel engine.

[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, General Provisions]

The following specific operating conditions apply to the above referenced emissions units.

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

- Hours of Operation:** These emissions units are allowed to operate for a maximum of 2,080 hours during any calendar year.
[Rule 62-210.200, F.A.C., Definitions-potential to emit (PTE); and, 7775087-001-AC]
- Permitted Capacity:** The crusher may process up to 150 TPH and 312,000 TPY of material (total) per calendar year.
[Rule 62-210.200, F.A.C., Definitions- PTE; and, 7775087-001-AC]

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

- Visible Emissions:** The following 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 Points Maximum Visible Emission Limits

Emission Points	VE Limit (% Opacity) subject to 40CFR60, Subpart OOO	VE Limit (% Opacity) PM maintenance areas
Receiving Hopper/Grizzly Feeder	10	5
Crusher	15*	5
Relocatable Belt Conveyor(s)	10**	5
Screen(s)	10	5
Truck Loading/Unloading	<20	5

* This limit applies since no capture system is used.

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

[40 CFR 60.672; Rule 62-296.711, F.A.C.; and, Rule 1.361, Rules of EPCHC]

Hillsborough County Particulate Maintenance Area:

The particulate RACT regulations apply in areas designated maintenance for particulate, as well as parts of the “areas of influence” related to those areas that are not exempted by rule. When subject to both limits, the more stringent limit takes precedence. The description of the maintenance area and its visible emissions limits is listed below:

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Hillsborough County

That portion of Hillsborough County which falls within the area of the circle having a centerpoint at the intersection of U. S. 41 South and State Road 60 and a radius of 12 kilometers.

The permittee shall not cause, permit, or allow any visible emissions (five percent opacity).

[Rule 62-204.340, F.A.C.; and, Rule 1-3.61, Rules of the Environmental Protection Commission of Hillsborough County]

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.
 - (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(1), F.A.C.]

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

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

6. **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.]

7. **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

8. 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.]

9. 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.

{Permitting 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.}

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

10. Test Frequency: 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.]

11. 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 Chapter 62-297, F.A.C., and 40 CFR 60, Appendix A.

[Rule 62-296.711, F.A.C.]

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

- (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

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

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)]

13. When determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR 60.672(b), 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)]

14. When determining compliance with the fugitive emissions standard for any crusher at which a capture system is not used as described under 40 CFR 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)]

15. Visible Emissions Test - Emissions Interference: For the method and procedure of 40 CFR 60.675(c), 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)]

16. No Tests Required - Saturated Materials: Method 9 performance tests under 40 CFR 60.11 of this part 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

17. 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.]

REPORTING AND RECORDKEEPING REQUIREMENTS

18. Log: The permittee shall maintain a daily 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) Location and production rate.
- (b) Hours of operation of the crusher system.
- (c) Maintenance and repair for any work performed on the permitted emissions units.
- (d) The use of wetting agents to control fugitive dust.
- (e) Fuel consumption

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) Plan and Log: The permittee shall keep an O&M plan and a daily log 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. 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:

- (a) Records 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.
 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); and, Rules 62-297.310(8)(b) & (c)1. - 6., F.A.C.]

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

21. 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. 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)]
22. 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.
[Rule 62-4.160(14)(a), F.A.C.]
23. Duration of Recordkeeping: 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)(b), F.A.C.]
24. 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.]
25. 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.]

NSPS GENERAL PROVISIONS

[Note: The numbering of the original rules in the following conditions has been preserved for ease of reference. In cases where the state requirements are more restrictive than the NSPS general requirements, the state requirements shall prevail.]

26. Notification and Recordkeeping:
- (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

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- 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. 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.
- (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.

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- (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. 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 8 and 9, 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]

29. 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. 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

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

- 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.
- (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]**

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

PROHIBITED OPERATIONS

31. **Prohibited Operations: Asbestos Containing Materials, 40 CFR 61, Subpart M:** This facility shall **not** process Asbestos Containing Materials (ACM), whether regulated asbestos containing material (RACM), category I or category II, and whether friable or nonfriable when received at the facility.
- (1) "Asbestos" means the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthophyllite, and actinolite-tremolite and includes trade acronyms products such as amosite.
- (2) "Asbestos-containing materials", ACM, means any materials which contain more than one percent asbestos as determined by Polarized Light Microscopy. Based on a representative composite sample.
- (3) "Asbestos removal project" means renovation or demolition operation in a facility that involves the removal of a threshold amount of regulated asbestos-containing material.
- (4) "Category I Nonfriable Asbestos-Containing Material (ACM)" means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy.
- (5) "Category II Nonfriable ACM" means any material, excluding Category I Nonfriable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
[40 CFR 61, Subpart M; Chapter 62-257, F.A.C.; and, Rules 62-701.520 and 62-730.300, F.A.C.]
32. **Restricted/Prohibited Activities: Co-location at Existing Stationary Source Facilities:** This relocatable crusher facility is not authorized to operate on the premises of, or adjacent to, any other permitted air pollution facility, unless the permit for such stationary source includes this crushing unit as an emission unit within such facility's air construction and Air Operation Permits.

MISCELLANEOUS

33. **Diesel Fuel** The diesel engine is allowed to fire new No. 2 fuel oil, or better.
[Rules 62-4.070(3) and 62-210.200, Definitions - PTE, F.A.C.; and, 7775087-001-AC]

AIR OPERATION PERMIT NO.: 7775087-002-AO
APPENDIX GC – GENERAL PERMIT CONDITIONS

The following general conditions apply to all permits pursuant to Rule 62-4.160, F.A.C.:

- 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, F.S. 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), F.S., 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 F.S. 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.

AIR OPERATION PERMIT NO.: 7775087-002-AO
APPENDIX GC – GENERAL PERMIT CONDITIONS

- 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.
- 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 F.S. or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, F.S.. 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 F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. 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

AIR OPERATION PERMIT No.: 7775087-002-AO
APPENDIX GC – GENERAL PERMIT CONDITIONS

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 PC – PERMITTED COUNTIES

The permittee is authorized to operate in the following counties where public notice has been published:

Permitted Counties:	Public Notice Published on:	Permitted Counties:	Public Notice Published on:	Permitted Counties:	Public Notice Published on:
Alachua		Hamilton		Okeechobee	
Baker		Hardee		Orange	8/15/2000
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	
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			

BAR

State of Florida
Department of Environmental Protection

Interoffice
Memo

To:	Howard Rhodes
Through:	Bruce Mitchell <i>BM</i>
From:	William Leffler, P.E. <i>WL</i>
Re:	Independence Excavating, Inc. Air Operation Permit: 7775087-002-AO Relocatable Concrete, Asphalt and Construction Debris Crusher Hazmag Model 1313 and Caterpillar 320 hp Diesel Electric Generator
Date:	June 26, 2001 / 12:10

I have reviewed the application for an Air Operation Permit requested by Independence Excavating, Inc. This application was received May 14, 2001, with a fee of \$1500.00. The applicable fee under Rule 62-4.050(4)(a)3.c., F.A.C., is \$1,000.00, which was logged into ARMS. The excess fee of \$500.00 will be returned to the applicant. The Air Construction Permit was issued September 6, 2000, and will expire simultaneously with this Air Operation Permit on August 31, 2005. The unit is authorized to operate only in Orange County, Florida. The compliance test was missing the certificate of the observer's training. This was provided by Ken Roberts of Southern Environmental. The application was deemed complete.

I recommend signing the attached Air Operation Permit.

Mitchell, Bruce

From: Zhu, Yi
Sent: Friday, July 27, 2001 3:31 PM
To: Mitchell, Bruce
Cc: Fancy, Clair; Sheplak, Scott; Leffler, William
Subject: RE: ARMS update for Independence Excavating, Inc.: 7775087-002-AO.

The data looks good. Thank you.

-----Original Message-----

From: Mitchell, Bruce
Sent: Wednesday, July 11, 2001 3:39 PM
To: Zhu, Yi
Cc: Fancy, Clair; Sheplak, Scott; Leffler, William
Subject: ARMS update for Independence Excavating, Inc.: 7775087-002-AO.

7/11/2001

Dear Yi,

Please review the above referenced permitting project for ARMS update. Many thanks.

Bruce

Mitchell, Bruce

To: Zhu, Yi
Cc: Fancy, Clair; Sheplak, Scott; Leffler, William
Subject: ARMS update for Independence Excavating, Inc.: 7775087-002-AO.

7/11/2001

Dear Yi,

Please review the above referenced permitting project for ARMS update. Many thanks.

Bruce



Department of Environmental Protection

Division of Air Resources Management

RECEIVED

MAY 14 2001

APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE

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

BUREAU OF AIR REGULATION

I. APPLICATION INFORMATION

Project No.: 7775087-002-AD

Identification of Facility

1. Facility Owner/Company Name: INDEPENDENCE EXCAVATING, INC.	
2. Site Name: ORLANDO CRUSHER	
3. Facility Identification Number: 7775087 [] Unknown	
4. Facility Location: Street Address or Other Locator: 9800 RECYCLE CENTER DRIVE City: ORLANDO County: ORANGE Zip Code: 32842	
5. Relocatable Facility? [X] Yes [] No	6. Existing Permitted Facility? [X] Yes [] No

Application Contact

1. Name and Title of Application Contact: KENNETH M. ROBERTS	
2. Application Contact Mailing Address: Organization/Firm: SOUTHERN ENVIRONMENTAL SCIENCES, INC. Street Address: 1204 NORTH WHEELER STREET City: PLANT CITY State: FL Zip Code: 33566	
3. Application Contact Telephone Numbers: Telephone: (813)752-5014 Fax: (813)752-2475	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	

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: 7775087-01-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.

Application Processing Fee

Check one: Attached - Amount: \$1,500.00 _____ Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:

This application is for an initial statewide operating permit for a portable Hazmag Model 1313 concrete crushing unit that crushes, screens, and stockpiles asphalt and concrete material at a maximum rate of 150 tons per hour.

The material to be crushed is in chunk form ranging from one to twenty inches in diameter. The reclaimed material is transferred by payloader into a vibrating grizzly hopper where the material is sized. The smaller fraction drops to a conveyor belt and is transferred to the stockpile. The larger fraction drops into the impactor where it is crushed to the desired size and falls onto the conveyor to the stockpile. The material is transferred from the stockpile via payloader to trucks for retail sales or delivered to asphalt plants for use in asphalt concrete mixes.

Fugitive dust created during this process is generated by the vibrating feeder, the screening process and the impactor-crusher. Emissions from this facility are controlled by water sparys that moisten the reclaimed material to be crushed and moisten material drop and transfer points throughout the process with water flows varying from 10 to 40 gallons per minute.

2. Projected or Actual Date of Commencement of Construction: NA

3. Projected Date of Completion of Construction: NA

Application Comment

[Empty box for application comment]

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input type="checkbox"/> Synthetic Non-Title V Source?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
5. <input type="checkbox"/> One or More Emissions Units Subject to NSPS?	
6. <input type="checkbox"/> One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?	
7. Facility Regulatory Classifications Comment (limit to 200 characters): FACILITY IS NOT SUBJECT TO 40 CFR 60 SUBPART OOO SINCE IT OPERATES AT A CAPACITY OF 150TPH OR LESS. 40 CFR 60.670 (C)(2)	

Rule Applicability Analysis

THIS PROJECT IS SUBJECT TO 62-210, F.A.C. – STATIONARY SOURCES – GENERAL REQUIREMENTS.

THIS PROJECT IS SUBJECT TO 62-296.711 WHEN IT IS OPERATED IN A PARTICULATE NON-ATTAINMENT AREA.

THIS FACILITY IS NOT SUBJECT TO 40 CFR 60 SUBPART OOO SINCE IT OPERATES AT A CAPACITY OF 150TPH OR LESS. 40 CFR 60.670(C)(2).

THIS PROJECT IS SUBJECT TO 62-296.320 GENERAL VISIBLE EMISSIONS LIMITATIONS.

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

<p>1. Type of Emissions Unit Addressed in This Section: (Check one)</p> <p>[] 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).</p> <p>[] 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.</p> <p>[X] 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.</p>		
<p>2. Description of Emissions Unit Addressed in This Section (limit to 60 characters): ASPHALT AND CONCRETE CRUSHING OPERATION</p>		
<p>3. Emissions Unit Identification Number: ID: 001</p>		<p>[] No ID [] ID Unknown</p>
<p>4. Emissions Unit Status Code: A</p>	<p>5. Initial Startup Date: NA</p>	<p>6. Emissions Unit Major Group SIC Code: 1795</p>
<p>7. Emissions Unit Comment: (Limit to 500 Characters)</p>		

Emissions Unit Control Equipment

<p>1. Control Equipment/Method Description (limit to 200 characters per device or method):</p> <p style="text-align: center; margin-top: 20px;">WATER SPRAYS</p>
<p>2. Control Device or Method Code(s): 61</p>

Emissions Unit Details

<p>1. Package Unit: Manufacturer: HAZMAG Model Number:</p>
<p>2. Generator Nameplate Rating: MW</p>
<p>3. Incinerator Information:</p> <p style="text-align: right; margin-right: 100px;">Dwell Temperature: °F</p> <p style="text-align: right; margin-right: 100px;">Dwell Time: seconds</p> <p style="text-align: right; margin-right: 100px;">Incinerator Afterburner Temperature: °F</p>

Emissions Unit Operating Capacity and Schedule

<p>1. Maximum Heat Input Rate: mmBtu/hr</p>
<p>2. Maximum Incineration Rate: lb/hr tons/day</p>
<p>3. Maximum Process or Throughput Rate: 150 TONS/HR</p>
<p>4. Maximum Production Rate:</p>
<p>5. Requested Maximum Operating Schedule:</p> <p style="text-align: right; margin-right: 100px;">hours/day days/week</p> <p style="text-align: right; margin-right: 100px;">weeks/year 3120 hours/year</p>
<p>6. Operating Capacity/Schedule Comment (limit to 200 characters):</p>

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram?		2. Emission Point Type Code: 4	
Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): CRUSHER, CONVEYORS, TRANSFER POINTS, DROP POINTS			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA			
5. Discharge Type Code: F	6. Stack Height: NA	7. Exit Diameter: NA feet	
8. Exit Temperature: NA	9. Actual Volumetric Flow Rate: NA acfm	10. Water Vapor: NA %	
11. Maximum Dry Standard Flow Rate: NA dscfm		12. Nonstack Emission Point Height: NA feet	
13. Emission Point UTM Coordinates: Zone: 17 East (km): 463.3 North (km): 3144.3			
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): ASPHALT AND CONCRETE CRUSHING		
2. Source Classification Code (SCC): 3-05-025-10		3. SCC Units: TONS CRUSHED
3. Maximum Hourly Rate: 150	4. Maximum Annual Rate: 468,000	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: NA	8. Maximum % Ash: NA	9. Million Btu per SCC Unit: NA
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 ENGINES – RECIPROCATING DISTILLATE OIL		
2. Source Classification Code (SCC): 2-01-001-02		3. SCC Units: THOUSAND GALLONS BURNED
3. Maximum Hourly Rate: 0.0291	4. Maximum Annual Rate: 90.8	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: 1.0	8. Maximum % Ash: 0.05	9. Million Btu per SCC Unit: 150,000
10. Segment Comment (limit to 200 characters):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: PM		2. Pollutant Regulatory Code: WP	
3. Primary Control Device Code: 61	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control: 85	
6. Potential Emissions: 4.61 lb/hour 7.2 tons/year		7. Synthetically Limited? []	
8. Emission Factor: SEE ATTACHED CALCULATION SHEET		9. Emissions Method Code: 3	
10. Calculation of Emissions (limit to 600 characters): SEE ATTACHMENT E			
11. Pollutant Potential Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions _____ of _____ NA

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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: PM10		2. Pollutant Regulatory Code: WP	
3. Primary Control Device Code: 61	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control: 85	
6. Potential Emissions: 4.04 lb/hour 6.3 tons/year		7. Synthetically Limited? []	
9. Emission Factor: SEE ATTACHED CALCULATION SHEET		10. Emissions Method Code: 3	
10. Calculation of Emissions (limit to 600 characters): SEE ATTACHMENT E			
11. Pollutant Potential Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions _____ of _____ NA

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. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 1 of 1

Pollutant Detail Information Page 3 of 4

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: CO		2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:	
6. Potential Emissions: 3.94 lb/hour 6.14 tons/year		7. Synthetically Limited? []	
10. Emission Factor: SEE ATTACHED CALCULATION SHEET		11. Emissions Method Code: 3	
10. Calculation of Emissions (limit to 600 characters): SEE ATTACHMENT E			
11. Pollutant Potential Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions _____ of _____ NA

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. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 1 of 1

Pollutant Detail Information Page 4 of 4

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: NOX		2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:	
6. Potential Emissions: 18.3 lbs/hour 28.5 tons/year		7. Synthetically Limited? []	
11. Emission Factor: SEE ATTACHED CALCULATION SHEET		12. Emissions Method Code: 3	
10. Calculation of Emissions (limit to 600 characters): SEE ATTACHMENT E			
11. Pollutant Potential Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions _____ of _____ NA

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. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

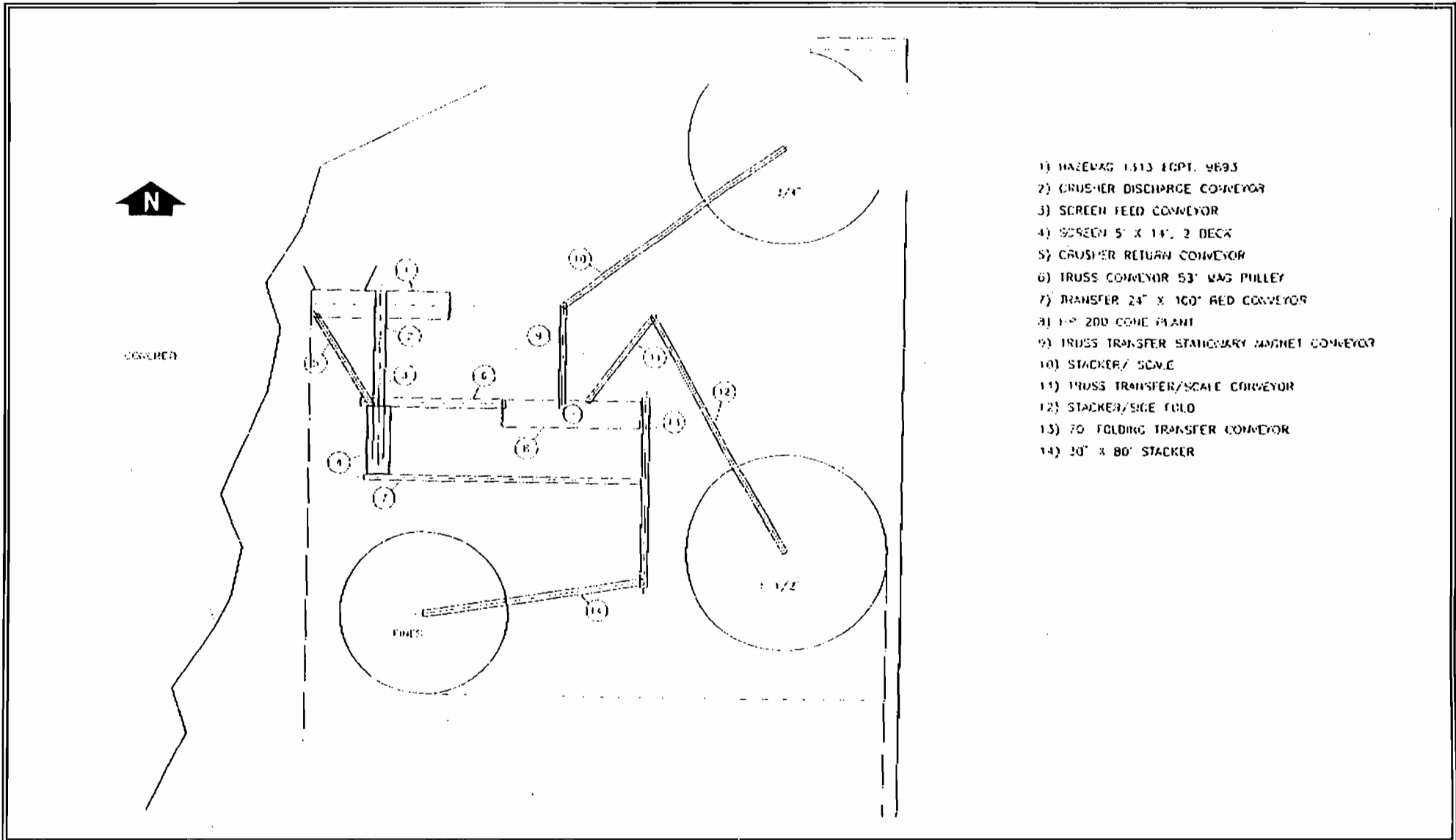
1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u> C </u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: <u> </u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: <u> </u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: <u> </u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u> F </u> <input type="checkbox"/> Previously submitted, Date: <u> </u> <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: <u> </u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: <u> </u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: <u> E </u> <input type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: <u> </u> <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment:

DOCUMENT ID: A

FACILITY MAP

DOCUMENT ID: B

FACILITY PLOT PLAN



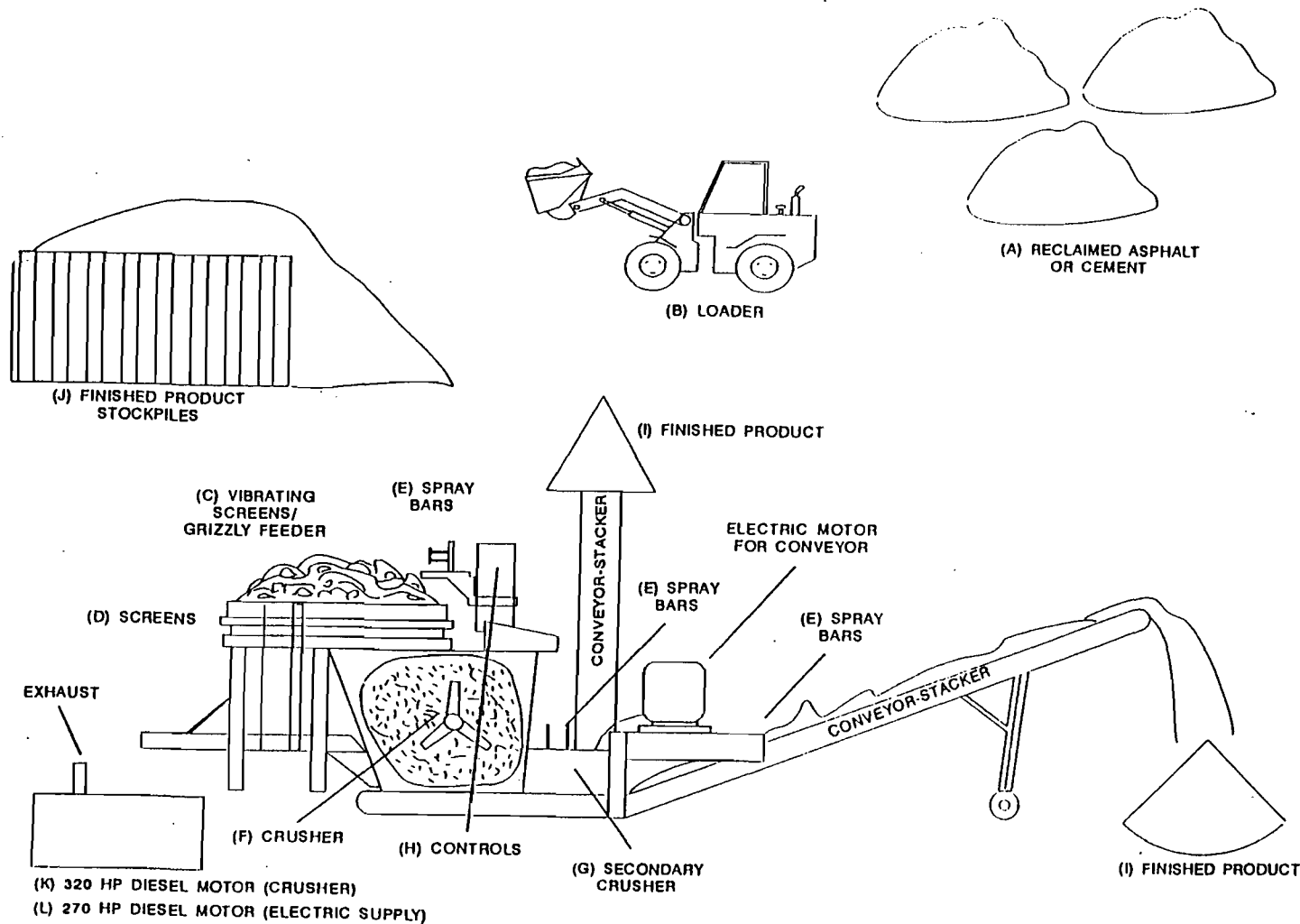
- 1) HAZEMAG 1313 EGPT. 9693
- 2) CRUSHER DISCHARGE CONVEYOR
- 3) SCREEN FEED CONVEYOR
- 4) SCREEN 5' X 14', 2 DECK
- 5) CRUSHER RETURN CONVEYOR
- 6) TRUSS CONVEYOR 53' MAG PULLEY
- 7) TRANSFER 24" X 160" RED CONVEYOR
- 8) 1-P 200 CONE PLANT
- 9) TRUSS TRANSFER STATIONARY MAGNET CONVEYOR
- 10) STACKER/ SCALE
- 11) TRUSS TRANSFER/SCALE CONVEYOR
- 12) STACKER/SIDE FOLD
- 13) 70' FOLDING TRANSFER CONVEYOR
- 14) 30' X 80' STACKER

Facility Plot Plan:
Independence Recycling, Inc.
 9800 Recycle Center Rd.
 Orlando, Florida 32824

**SOUTHERN ENVIRONMENTAL
 SCIENCES, INC.**
 1204 N. Wheeler St. □ Plant City, Florida 33566 □ (813) 752-5014

DOCUMENT ID: C

PROCESS FLOW DIAGRAM



PROCESS FLOW DIAGRAM:
INDEPENDENCE EXCAVATING, INC.
 Portable Concrete Crusher
 Orlando, FL Site

**SOUTHERN ENVIRONMENTAL
 SCIENCES, INC.**

1204 N. Wheeler St. □ Plant City, Florida 33566 □ (813) 752-5014

DOCUMENT ID: D

**PRECAUTIONS TO PREVENT EMISSIONS OF
UNCONFINED PARTICULATE MATTER**

INDEPENDENCE EXCAVATING, INC.

PLAN TO CONTROL UNCONFINED PARTICULATE MATTER

In accordance with 62-296.320(4)(c), the facility will take reasonable precautions to prevent emissions of unconfined particulate matter from the facility. Activities which can cause fugitive particulate emissions at the facility include vehicular movement, transportation of materials, and industrially related activities such as materials loading, unloading, storing, and handling. Reasonable precautions to be taken by the facility include:

1. Application of water to paved and unpaved areas accommodating vehicular traffic if a visible particulate plume is observed to extend more than 15 feet from the point of origin.
2. Removal of particulate matter from buildings or work areas to prevent a visible particulate plume of unconfined particulate greater than 20%.
3. Use of enclosure(s) or covering of conveyor systems where necessary to prevent unconfined particulate emissions from having an opacity greater than 20%.

DOCUMENT ID: E
EMISSIONS CALCULATIONS

PARTICULATE EMISSION CALCULATIONS

COMPANY: INDEPENDENCE EXCAVATING, INC.
UNIT: CONCRETE CRUSHING UNIT

MAXIMUM PROCESS RATE	150	tons/hr
ANNUAL OPERATING HOURS	2080	hrs/yr

EMISSIONS FROM CRUSHING, CONVEYING AND SCREENING

SOURCE	TSP EMISSION FACTOR (lb/ton)	PM10 EMISSION FACTOR (lb/ton)	R E F	CONTROL DEVICE	CONTROL DEVICE EFFICIENCY (%)	TSP EMISSIONS		PM10 EMISSIONS	
						(lb/hr)	(tons/yr)	(lb/hr)	(tons/yr)
Primary or secondary crushing of moistened material	0.018		1	Enclosure	90	0.270	0.28		
Crusher hopper loading operations	0.0003	0.00002	2	Wet Sprays	85	0.007	0.01	0.0005	0.0005
Conveying system	0.0003	0.0001	2	None		0.045	0.05	0.015	0.02
Screening	0.16	0.12	1	Wet Sprays	85	3.600	3.74	2.7	2.81
Continuous drop transfer station	0.029		1	Wet Sprays	85	0.653	0.68		
TOTALS						4.67	4.76	2.72	2.82

Emissions (lb/hr) = Emission factor x process rate x (1 - Control eff.)
Emissions (tons/yr) = $\frac{\text{Emission (lb/hr)} \times \text{annual operating hours}}{2000 \text{ lb/ton}}$

EMISSIONS FROM CONTINUOUS DROP, EQUIPMENT TRAFFIC, WIND EROSION AND LOAD OUTS

POLLUTANT	PARTICLE SIZE MULTIPLIER (k)	MEAN WIND SPEED (MPH) (u)	R E F	MATERIAL MOISTURE CONTENT (%) (m)	CONTROL DEVICE	CONTROL DEVICE EFFICIENCY (%)	EMISSIONS		
							(lb/ton)	(lb/hr)	(tons/yr)
TSP	0.74	10	3	4.8	Wet Sprays	85	0.0017	0.039	0.040
PM10	0.35	10	3	4.8	Wet Sprays	85	0.0008	0.018	0.019

Formula
$$K(0.0032) \times \frac{(u/5)^{1.3}}{(m/2)^{1.4}}$$

where k = particle size multiplier = 0.74 (TSP) & 0.35 (PM10)
u = (mean wind speed) = 10 mph
m = (material moisture content) = 7%

References

1. AP40, Air Pollution Engineering Manual, Chapter 15, Page 779, Table 1
2. AP40, Air Pollution Engineering Manual, Chapter 15, Page 784, Table 3
3. AP42, Section 13.2.4 Aggregate Handling and Storage Piles

DIESEL MOTOR EMISSIONS CALCULATIONS

COMPANY: INDEPENDENCE EXCAVATING, INC.
 FACILITY: CONCRETE CRUSHING UNIT
 UNIT: 320 HP DIESEL MOTOR

BASIS AP42: GASOLINE AND DIESEL INDUSTRIAL ENGINES, TABLE3.3-1

FUEL	DIESEL
HORSEPOWER RATING	320
ANNUAL OPERATING HOURS	2080

POLLUTANT	EMISSION FACTOR (lb/hp-hr)	EMISSIONS	
		(lb/hr)	(tons/yr)
PM10	0.0022	0.704	0.73
SO2	0.00205	0.656	0.68
NOX	0.031	9.920	10.32
VOC	0.000247	0.079	0.08
CO	0.00668	2.138	2.22

FORMULA

EMISSIONS (lb/hr) = EMISSIONS FACTOR (lb/hp-hr) x HORSEPOWER RATING OF MOTOR

EMISSIONS (tons/yr) = $\frac{\text{lb/hr} \times \text{ANNUAL OPERATING HOURS}}{2000 \text{ lbs/ton}}$

DIESEL MOTOR EMISSIONS CALCULATIONS

COMPANY: INDEPENDENCE EXCAVATING, INC.
 FACILITY: CONCRETE CRUSHING UNIT
 UNIT: 270 HP DIESEL POWERED GENERATOR

BASIS AP42: GASOLINE AND DIESEL INDUSTRIAL ENGINES, TABLE 3.3-1

FUEL	DIESEL
HORSEPOWER RATING	270
ANNUAL OPERATING HOURS	2080

POLLUTANT	EMISSION FACTOR (lb/hp-hr)	EMISSIONS	
		(lb/hr)	(tons/yr)
PM10	0.0022	0.594	0.62
SO2	0.00205	0.554	0.58
NOX	0.031	8.370	8.70
VOC	0.000247	0.067	0.07
CO	0.00668	1.804	1.88

FORMULA

EMISSIONS (lb/hr) = EMISSIONS FACTOR (lb/hp-hr) x HORSEPOWER RATING OF MOTOR

EMISSIONS (tons/yr) = $\frac{\text{lb/hr} \times \text{ANNUAL OPERATING HOURS}}{2000 \text{ lbs/ton}}$

DOCUMENT ID: F

VISIBLE EMISSIONS TESTS

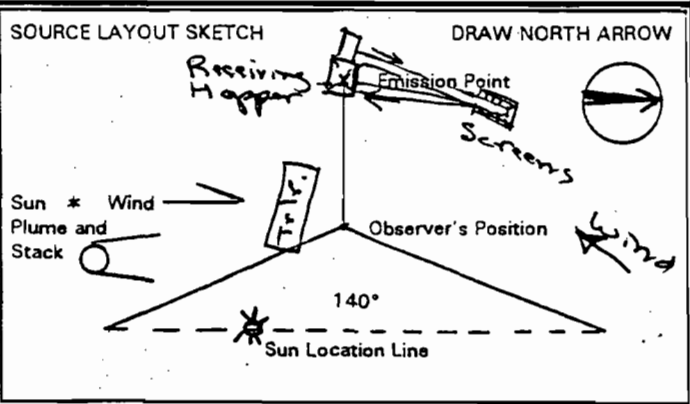
SOUTHERN ENVIRONMENTAL SCIENCES, INC.

1204 North Wheeler Street, Plant City, Florida 33566 (813)752-5014

VISIBLE EMISSIONS EVALUATION

COMPANY <i>Independence Excavating</i>
UNIT <i>Receiving hopper/grizzly feeder</i>
ADDRESS <i>9800 Recycle Center Rd. Orlando, Florida</i>

PERMIT NO. <i>7775087-001-AC</i>	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <i>7775087</i>	EU NO. <i>001</i>
PROCESS RATE <i>145 TPH</i>	PERMITTED RATE <i>150 TPH</i>
PROCESS EQUIPMENT <i>Receiving hopper/grizzly feeder</i>	
CONTROL EQUIPMENT <i>Water suppression system</i>	
OPERATING MODE <i>Leading hopper</i>	AMBIENT TEMP. (°F) START <i>~70</i> STOP <i>~75</i>
HEIGHT ABOVE GROUND LEVEL START <i>~15'</i> STOP <i>~15'</i>	HEIGHT REL. TO OBSERVER START <i>~15'</i> STOP <i>~15'</i>
DISTANCE FROM OBSERVER START <i>~50'</i> STOP <i>~50'</i>	DIRECTION FROM OBSERVER START <i>265°</i> STOP <i>265°</i>
EMISSION COLOR <i>Tan</i>	PLUME TYPE CONTIN. <input type="checkbox"/> INTERMITTENT <input checked="" type="checkbox"/>
WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input checked="" type="checkbox"/>
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>Top of hopper</i> STOP <i>Top of hopper</i>	
DESCRIBE BACKGROUND START <i>SKY</i> STOP <i>SKY</i>	
BACKGROUND COLOR START <i>Blue</i> STOP <i>Blue</i>	SKY CONDITIONS START <i>clear</i> STOP <i>clear</i>
WIND SPEED (MPH) START <i>3-5</i> STOP <i>3-5</i>	WIND DIRECTION START <i>NE</i> STOP <i>NE</i>
AVERAGE OPACITY FOR HIGHEST PERIOD <i>0.2%</i>	RANGE OF OPAC. READINGS MIN. <i>0%</i> MAX. <i>5%</i>



COMMENTS

OBSERVATION DATE <i>1/17/01</i>					START TIME <i>0900</i>					STOP TIME <i>1000</i>				
SEC	0	15	30	45	SEC	0	15	30	45	MIN	0	15	30	45
	MIN					MIN								
0	0	0	0	0	30	0	0	0	0					
1	0	0	0	0	31	0	0	0	0					
2	0	0	0	0	32	0	0	0	0					
3	0	0	0	0	33	0	0	0	0					
4	0	0	0	0	34	0	0	0	0					
5	0	0	0	0	35	5	0	0	0					
6	0	0	0	0	36	0	0	0	0					
7	0	0	0	0	37	0	0	0	0					
8	0	0	0	0	38	0	0	0	0					
9	0	0	0	0	39	0	0	0	0					
10	0	0	0	0	40	0	0	0	0					
11	0	0	0	0	41	0	0	0	0					
12	0	0	0	0	42	0	0	0	0					
13	0	0	0	0	43	0	0	0	0					
14	0	0	0	0	44	0	0	0	0					
15	0	0	0	0	45	0	0	5	0					
16	0	0	0	0	46	0	0	0	0					
17	0	0	0	0	47	0	0	0	0					
18	5	0	0	0	48	0	0	0	0					
19	0	0	0	0	49	0	0	0	0					
20	0	0	0	0	50	0	0	0	0					
21	0	0	0	0	51	0	0	0	0					
22	0	0	0	0	52	0	0	0	0					
23	0	0	0	0	53	0	0	0	0					
24	0	0	0	0	54	0	0	0	0					
25	0	0	0	0	55	0	0	0	0					
26	0	0	0	0	56	0	0	0	0					
27	0	0	0	0	57	0	0	0	0					
28	0	0	0	0	58	0	0	0	0					
29	0	0	0	0	59	0	0	0	0					

Observer: *Bryan Nelson*

Certified by: *FDLP* Certified at: *Tampa, FL*

Date Certified: *8/00* Exp. Date: *2/01*

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Signature: *Otis Grayson*

Title: *Plant supervisor*

SOUTHERN ENVIRONMENTAL SCIENCES, INC.

1204 North Wheeler Street, Plant City, Florida 33566 (813)752-5014

VISIBLE EMISSIONS EVALUATION

COMPANY: Independence Excavating Inc.
 UNIT: Crusher
 ADDRESS: 9800 Recycle Center Rd.
Orlando, Florida

PERMIT NO. 7775087-001-Ac COMPLIANCE? YES NO
 AIRS NO. 7775087 EU NO. 001
 PROCESS RATE 145 TPH PERMITTED RATE 150 TPH

PROCESS EQUIPMENT: Crusher
 CONTROL EQUIPMENT: Water suppression system

OPERATING MODE: Crushing AMBIENT TEMP. (°F) START ~70 STOP ~75

HEIGHT ABOVE GROUND LEVEL START ~10' STOP ~10' HEIGHT REL. TO OBSERVER START ~10' STOP ~10'

DISTANCE FROM OBSERVER START ~50' STOP ~50' DIRECTION FROM OBSERVER START 265° STOP 265°

EMISSION COLOR: None PLUME TYPE: NA
 CONTIN. INTERMITTENT

WATER DROPLETS PRESENT NO YES IS WATER DROPLET PLUME ATTACHED DETACHED NA

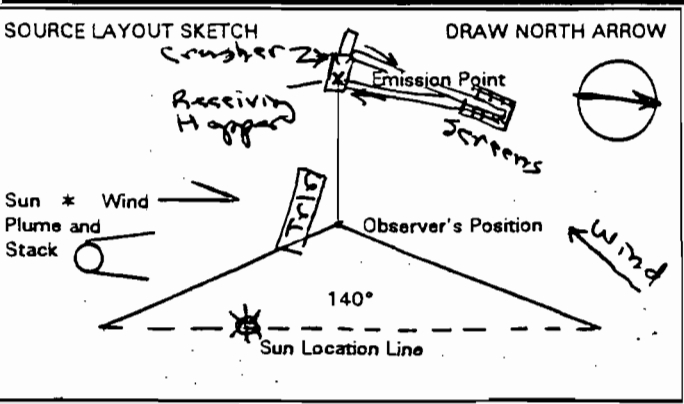
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START At ground level STOP 3 cm

DESCRIBE BACKGROUND START SKY STOP SKY

BACKGROUND COLOR START Blue STOP Blue SKY CONDITIONS START Clear STOP Clear

WIND SPEED (MPH) START 3-5 STOP 3-5 WIND DIRECTION START NE STOP NE

AVERAGE OPACITY FOR HIGHEST PERIOD 0% RANGE OF OPAC. READINGS MIN. 0% MAX. 0%



COMMENTS

OBSERVATION DATE: 1/12/01 START TIME: 0900 STOP TIME: 1000

SEC	0	15	30	45	SEC	0	15	30	45
MIN					MIN				
0	0	0	0	0	30	0	0	0	0
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0

Observer: Byron Johnson

Certified by: FOEP Certified at: Tampa, FL

Date Certified: 8/00 Exp. Date: 2/01

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Signature: Otis Fryman

Title: Plant supervisor

SOUTHERN ENVIRONMENTAL SCIENCES, INC.

1204 North Wheeler Street, Plant City, Florida 33566 (813)752-5014

VISIBLE EMISSIONS EVALUATION

COMPANY <i>Independence Excavating Inc.</i>	
UNIT <i>Screens</i>	
ADDRESS <i>9800 Recycle Center Rd Orlando, Florida</i>	
PERMIT NO. <i>7775087-001-Ac</i>	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <i>7775087</i>	EU NO. <i>001</i>
PROCESS RATE <i>145 TPH</i>	PERMITTED RATE <i>150 TPH</i>
PROCESS EQUIPMENT <i>Screens</i>	
CONTROL EQUIPMENT <i>None</i>	
OPERATING MODE <i>Screening</i>	AMBIENT TEMP. (°F) START <i>~70</i> STOP <i>~75</i>
HEIGHT ABOVE GROUND LEVEL START <i>~10'</i> STOP <i>~10'</i>	HEIGHT REL. TO OBSERVER START <i>~10'</i> STOP <i>~10'</i>
DISTANCE FROM OBSERVER START <i>~60'</i> STOP <i>~60'</i>	DIRECTION FROM OBSERVER START <i>310°</i> STOP <i>310°</i>
EMISSION COLOR <i>None</i>	PLUME TYPE <i>NA</i> CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input checked="" type="checkbox"/>
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>Top of screens</i> STOP <i>Top of screens</i>	
DESCRIBE BACKGROUND START <i>SKY</i> STOP <i>SKY</i>	
BACKGROUND COLOR START <i>Blue</i> STOP <i>Blue</i>	SKY CONDITIONS START <i>Clear</i> STOP <i>Clear</i>
WIND SPEED (MPH) START <i>3-5</i> STOP <i>3-5</i>	WIND DIRECTION START <i>NE</i> STOP <i>NE</i>
AVERAGE OPACITY FOR HIGHEST PERIOD <i>0%</i>	RANGE OF OPAC. READINGS MIN. <i>0%</i> MAX. <i>0%</i>
SOURCE LAYOUT SKETCH DRAW NORTH ARROW	
COMMENTS	

OBSERVATION DATE <i>1/17/01</i>				START TIME <i>0900</i>				STOP TIME <i>1000</i>			
SEC	0	15	30	45	SEC	0	15	30	45		
MIN					MIN						
0	0	0	0	0	30	0	0	0	0		
1	0	0	0	0	31	0	0	0	0		
2	0	0	0	0	32	0	0	0	0		
3	0	0	0	0	33	0	0	0	0		
4	0	0	0	0	34	0	0	0	0		
5	0	0	0	0	35	0	0	0	0		
6	0	0	0	0	36	0	0	0	0		
7	0	0	0	0	37	0	0	0	0		
8	0	0	0	0	38	0	0	0	0		
9	0	0	0	0	39	0	0	0	0		
10	0	0	0	0	40	0	0	0	0		
11	0	0	0	0	41	0	0	0	0		
12	0	0	0	0	42	0	0	0	0		
13	0	0	0	0	43	0	0	0	0		
14	0	0	0	0	44	0	0	0	0		
15	0	0	0	0	45	0	0	0	0		
16	0	0	0	0	46	0	0	0	0		
17	0	0	0	0	47	0	0	0	0		
18	0	0	0	0	48	0	0	0	0		
19	0	0	0	0	49	0	0	0	0		
20	0	0	0	0	50	0	0	0	0		
21	0	0	0	0	51	0	0	0	0		
22	0	0	0	0	52	0	0	0	0		
23	0	0	0	0	53	0	0	0	0		
24	0	0	0	0	54	0	0	0	0		
25	0	0	0	0	55	0	0	0	0		
26	0	0	0	0	56	0	0	0	0		
27	0	0	0	0	57	0	0	0	0		
28	0	0	0	0	58	0	0	0	0		
29	0	0	0	0	59	0	0	0	0		
Observer: <i>Dwight Nelson</i>											
Certified by: <i>FDEP</i> Certified at: <i>Tampa, FL</i>											
Date Certified: <i>8/00</i> Exp. Date: <i>2/01</i>											
I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:											
Signature: <i>Dwight Nelson</i>											
Title: <i>Plant Supervisor</i>											

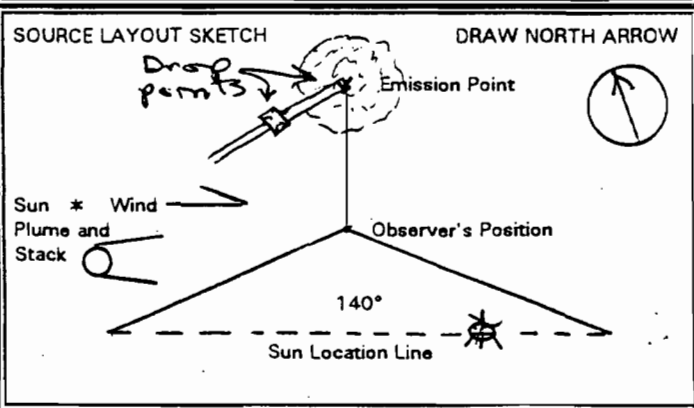
SOUTHERN ENVIRONMENTAL SCIENCES, INC.

1204 North Wheeler Street, Plant City, Florida 33566 (813)752-5014

VISIBLE EMISSIONS EVALUATION

COMPANY <i>Independence Excavating, Inc</i>	
UNIT <i>Relocatable Belt Conveyors</i>	
ADDRESS <i>9800 Recycle Center Rd Orlando, Florida</i>	

PERMIT NO. <i>7775087-001-A</i>	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <i>7775087</i>	EU NO. <i>001</i>
PROCESS RATE <i>145TPH</i>	PERMITTED RATE <i>150TPH</i>
PROCESS EQUIPMENT <i>Relocatable Belt Conveyors</i>	
CONTROL EQUIPMENT <i>None 9800 Recycle Center Rd.</i>	
OPERATING MODE <i>Conveying mat'l</i>	AMBIENT TEMP. (°F) START <i>75</i> STOP <i>75</i>
HEIGHT ABOVE GROUND LEVEL START <i>~30'</i> STOP <i>~30'</i>	HEIGHT REL. TO OBSERVER START <i>~30'</i> STOP <i>~30'</i>
DISTANCE FROM OBSERVER START <i>~100'</i> STOP <i>~100'</i>	DIRECTION FROM OBSERVER START <i>30°</i> STOP <i>30°</i>
EMISSION COLOR <i>None</i>	PLUME TYPE <i>NA</i> CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input checked="" type="checkbox"/>
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <i>Drop point</i> STOP <i>Drop point</i>	
DESCRIBE BACKGROUND START <i>Sky</i> STOP <i>Sky</i>	
BACKGROUND COLOR START <i>Blue</i> STOP <i>Blue</i>	SKY CONDITIONS START <i>Clear</i> STOP <i>Clear</i>
WIND SPEED (MPH) START <i>3-5</i> STOP <i>3-5</i>	WIND DIRECTION START <i>NE</i> STOP <i>NE</i>
AVERAGE OPACITY FOR HIGHEST PERIOD <i>0%</i>	RANGE OF OPAC. READINGS MIN. <i>0%</i> MAX. <i>0%</i>



COMMENTS

OBSERVATION DATE		START TIME				STOP TIME			
<i>1/17/01</i>		<i>1019</i>				<i>1119</i>			
SEC	0	15	30	45	SEC	0	15	30	45
MIN					MIN				
0	0	0	0	0	30	0	0	0	0
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0

Observer: *Dixon Nelson*

Certified by: *FDEP* Certified at: *Tampa, FL*

Date Certified: *8/00* Exp. Date: *2/01*

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Signature: *Dixon Nelson*

Title: *Plant Supervisor*

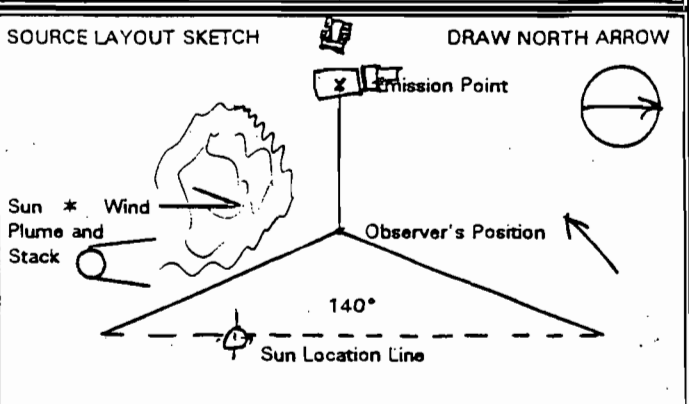
SOUTHERN ENVIRONMENTAL SCIENCES, INC.

1204 North Wheeler Street, Plant City, Florida 33566 (813)752-5014

VISIBLE EMISSIONS EVALUATION

COMPANY Independence Excavating
 UNIT Truck loading/unloading
 ADDRESS 9802 Recycle Center Rd.
Orlando, Florida

PERMIT NO. <u>7775087-001-A</u>	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <u>7775087</u>	EU NO. <u>001</u>
PROCESS RATE <u>5 trucks loaded</u>	PERMITTED RATE <u>NA</u>
PROCESS EQUIPMENT <u>Truck loading/unloading</u>	
CONTROL EQUIPMENT <u>None</u>	
OPERATING MODE <u>Loading trucks</u>	AMBIENT TEMP. (°F) START <u>75</u> STOP <u>75</u>
HEIGHT ABOVE GROUND LEVEL START <u>~12'</u> STOP <u>~12'</u>	HEIGHT REL. TO OBSERVER START <u>~12'</u> STOP <u>~12'</u>
DISTANCE FROM OBSERVER START <u>~60'</u> STOP <u>~60'</u>	DIRECTION FROM OBSERVER START <u>270°</u> STOP <u>270°</u>
EMISSION COLOR <u>None</u>	PLUME TYPE <u>NA</u> CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME <u>NA</u> ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START <u>Top of trucks</u> STOP <u>Top of trucks</u>	
DESCRIBE BACKGROUND START <u>SKY</u> STOP <u>SKY</u>	
BACKGROUND COLOR START <u>Blue</u> STOP <u>Blue</u>	SKY CONDITIONS START <u>Clear</u> STOP <u>Clear</u>
WIND SPEED (MPH) START <u>3-5</u> STOP <u>3-5</u>	WIND DIRECTION START <u>NE</u> STOP <u>NE</u>
AVERAGE OPACITY FOR HIGHEST PERIOD <u>0%</u>	RANGE OF OPAC. READINGS MIN. <u>0%</u> MAX. <u>0%</u>



COMMENTS 5 trucks were loaded

OBSERVATION DATE		START TIME				STOP TIME				
<u>1/17/01</u>		<u>1005</u>				<u>1017</u>				
SEC	0	15	30	45	SEC	0	15	30	45	
	MIN				MIN					
0	0	0	0	0	30					
1	0	0	0	0	31					
2	0	0	0	0	32					
3	0	0	0	0	33					
4	0	0	0	0	34					
5	0	0	0	0	35					
6	0	0	0	0	36					
7	0	0	0	0	37					
8	0	0	0	0	38					
9	0	0	0	0	39					
10	0	0	0	0	40					
11	0	0	0	0	41					
12	0	0	0	0	42					
13					43					
14					44					
15					45					
16					46					
17					47					
18					48					
19					49					
20					50					
21					51					
22					52					
23					53					
24					54					
25					55					
26					56					
27					57					
28					58					
29					59					

Observer: Byron Nelson
 Certified by: FOSL Certified at: Tampa, FL
 Date Certified: 8/00 Exp. Date: 2/01

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Signature: Otis Freeman
 Title: Plant Supervisor