

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF FINAL PERMIT

In the Matter of an  
Application for Permit


Mr. Jae Chang, Chemical Engineer  
Southwest Soil Remediation, Inc.  
8500 East Old Vail Road  
Tucson, Arizona 85747-1956

DEP File No. 7770246-002-AO

Enclosed is the FINAL Permit Number 7770246-002-AO. This permit is issued for the operation of a mobile soil thermal treatment facility in Florida pursuant to Section 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 14 (fourteen) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

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


CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 12-20-96 to the person(s) listed:

Mr. Jae Chang, Southwest Soil Remediation, Inc.\*  
District Air Program Administrators  
County Air Program Administrators  
W. Norman Smith, Astec Inc.

Clerk Stamp

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

  
\_\_\_\_\_  
(Clerk) 12-20-96  
(Date)

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

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

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

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Mr. Jae Chang, Chem. Eng.  
 Southwest Soil Remer.  
 8500 E. Old Vail Rd  
 Tucson, AZ  
 85747

4a. Article Number  
 P 265 659 110

4b. Service Type

Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
 12/23/96

5. Received By: (Print Name)  
 BILL BOREN

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

6. Signature: (Addressee or Agent)  
 X Jae Boren

PS Form 3811, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 110

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

Sent to	
Jae Chang	
Street #/Number	
South West Soil	
Post Office, State, & ZIP Code	
Tucson, AZ	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	12-20-96
777 0246-002-A0	

PS Form 3800 April 1995



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

## PERMITTEE:

Southwest Soil Remediation, Inc.  
8500 East Old Vail Road  
Tucson, Arizona 85747-1956

<b>FID No.</b>	7770246
<b>Permit No.</b>	7770246-002-AO
<b>Expires:</b>	December 15, 2001

*Authorized Representative:*  
Mr. Jae Chang  
Chemical Engineer

## RELOCATABLE UNIT:

Project: Mobil Soil Thermal Treatment Facility  
Emission Unit No. 001  
Standard Industrial Classification Code (SIC): 1629  
Names of Authorized Counties: Duval

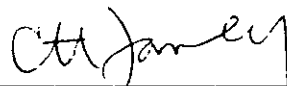
Operation is authorized in Duval County. The facility may be operated in any county within the state provided that the public notice requirements have been met in the county and the unit's permit has been amended to authorize operation in that county.

## STATEMENT OF BASIS:

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

## Attached appendix made a part of this permit:

Appendix GC                      Permit General Conditions

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

AIR OPERATION PERMIT 7770246-002-AO

SECTION I. FACILITY INFORMATION

FACILITY DESCRIPTION:

The facility is a relocatable Ryan Murphy, Inc. 20 ton per hour (TPH) mobile petroleum contaminated soil thermal treatment facility (unit) operating in Florida. The unit contains a soil feed bin, a 7.8 million British thermal unit per hour (MMBtu/hr) rotary drum dryer (kiln) 4 feet diameter by 20 feet long, a pulse-jet baghouse with a 4.5 to 1 air to cloth ratio, a catalytic oxidizer, air scrubber, a 4 feet diameter by 25 feet high stack, a Kohler 125 KW diesel generator, and associated equipment. To comply with Florida regulations for soil thermal treatment facilities (Rule 62-296.415, F.A.C.), the unit is equipped with a 17 MMBtu/hr thermal oxidizer (afterburner) estimated to have a 99.1 percent destruction efficiency. The unit discharges approximately 20,200 acfm of gases at 1,500 °F to the atmosphere. The kiln and afterburner use propane (LPG) or natural gas fuels. The diesel engine uses low sulfur diesel fuel (0.05% sulfur max.). Construction/operation of the catalytic oxidizer, quench duct, and an acid gas scrubber for this unit is at the option of the permittee.

EMISSION UNIT

This permit addresses the following emission unit:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Soil Decontamination Operation	Kiln controlled with a baghouse and afterburner

REGULATORY CLASSIFICATION

The SIC code is 1629: Heavy Construction

PERMIT SCHEDULE:

- 11/15/96 Received Certificate of Completion from Southwest Soil Remediation, Inc.
- 11/26/96 Application deemed complete

RELEVANT DOCUMENTS:

Certificate of Completion of Construction dated October 31, 1996  
Company letter dated October 31, 1996  
Compliance Statement dated April 15, 1996

# AIR OPERATION PERMIT 7770246-002-AO

## SECTION II. EMISSION UNIT COMMON SPECIFIC CONDITIONS

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### 1.0 ADMINISTRATIVE

- 1.1 Regulating Agencies: All documents related to applications for permits to operate, reports, tests, minor modifications, and Annual Operating Reports shall be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) whose mailing address is at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (904)488-1344, fax number (904) 922-6979.
- 1.2 Changes/Modifications: The owner or operator shall submit to the Bureau of Air Regulation for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain an air construction permit prior to making the desired change. FDEP will provide a clear point of entry for any other substantially affected parties to challenge any of FDEP's proposed determinations in this regard. *Routine maintenance of equipment would not constitute a modification of this permit.* [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]
- 1.3 Applicable Regulations: Unless otherwise indicated, the construction and operation of this relocatable soil thermal treatment facility shall be in accordance with the capacities and specifications stated in the application. This facility is subject to all applicable provisions of Chapter 403, F.S, and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-296, 62-297, and 62-775. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]
- 1.4 General Conditions: The owner and operator is subject to and shall be aware of and operate under, the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- 1.5 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- 1.6 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.]
- 1.7 Relocation Notice: At least 7 days prior to relocating the plant to an approved site, the permittee shall notify the air program administrator for the Department's District and, if applicable, county air program administrator of the next site in Florida that the unit will be operated at. The notification will be on DEP Form 62-210.900(3), F.A.C. The notification shall include the permit number of the facility, a copy of the last stack test results, the date of the proposed move, the new work site for the facility, the amount of contaminated soil at the new site, and the locations and contamination levels of the soils to be treated. Unless notified otherwise by an environmental agency, the unit may be relocated and operated at the new site. The Department may require a Notice of Agency Action be published in a newspaper have circulation in the county the unit is moving to. Also, a county license may be required. The Department will notify the permittee of any new restrictions for the facility that will apply while it is operating at the new site (Rule 62-775.700(1), F.A.C.).

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## SECTION II. EMISSION UNIT COMMON SPECIFIC CONDITIONS

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1.8 Application for Renewal of Operating Permit: An application for renewal of the operating permit must be submitted to the BAR at least 90 days prior to the expiration date of this permit. To apply for an operation permit, the applicant shall submit the appropriate application form, fee, a report on any physical change or major maintenance to the facility, and compliance test reports as required by this permit (Rule 62-4.220, F.A.C.). At least 30 days prior to relocating to an unapproved site the permittee shall notify the Bureau of Air Regulation using the proper form and have this permit amended prior to relocation of the unit.

### 2.0 EMISSION LIMITING STANDARDS

2.1 PM Allowable Emissions: Particulate matter emissions from the afterburner stack shall not exceed any of the following: 0.04 grains/dscf, 2.1 lbs/hr, and 6.1 TPY (Rule 62-296.415(2)(b), F.A.C.).

2.2 CO Allowable Emissions: The average carbon monoxide emissions shall not exceed 100 parts per million by volume, dry, during any 60 consecutive minute period (Rule 62-296.415(1)(b), F.A.C.).

2.3 General Visible Emissions Standard: [Rule 62-296.320(4)(b)] Unless otherwise specified by rule or permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from new, or existing emissions units, the opacity of which is equal to:

- Visible emissions from the facility stack shall not exceed 5% opacity. [Rule 62-296.415, F.A.C.]
- Visible emissions from PM fugitive sources shall not exceed 20% opacity. [Rule 62-296.320, F.A.C.]

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

The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.

Reasonable precautions shall be used to minimize unconfined emissions of particulate matter generated by the operation (Rule 62-296.310, F.A.C.). Reasonable precautions shall be defined as keeping the work areas wet where the soil is being removed, treated, handled, stored, and disposed of.

Other reasonable precautions shall include but not be limited to the following:

- All permanent haul roads shall be paved.
- Temporary haul road shall be watered or treated with chemical dust suppressants at regular intervals.
- Untreated soil removed from the ground shall be stored under waterproof covers to minimize unconfined emissions of petroleum products (Rule 62-296.310, F.A.C.).

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

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## SECTION II. EMISSION UNIT COMMON SPECIFIC CONDITIONS

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The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.

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

*NOTE 1: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]*

*NOTE 2: Facilities that cause frequent, valid complaints may be required by the Department or County to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

### 3.0 OPERATION AND MAINTENANCE REQUIREMENTS

#### 3.1 Operating Requirements:

- (a) The facility shall only treat petroleum contaminated soil as defined in Rule 62-775, F.A.C. (Rule 62-296.415, F.A.C.).
- (b) Hazardous waste as defined in 40 CFR 261.3 shall not be processed by this facility (Rule 62-775, F.A.C.).
- (c) This facility shall not treat soil contaminated with polychlorobiphenyls (PCB) (Rule 62-775, F.A.C.).
- (d) Based on data in the application, the total petroleum hydrocarbons (TPHC) contaminates in the soil treated by this facility shall not exceed 15,000 mg/Kg (daily avg.) without prior approval by the Department.
- (e) The afterburner shall be operated at or above 1,500 °F with a minimum of 1 second retention time (Rule 62-296.415, F.A.C.).
- (f) The facility may operate 24 hours per day, 7 days per week, but not more than 5,880 hours in Florida during any calendar year. It shall not be operated at a site with another soil thermal treatment facility without prior approval from the Department (combined emissions may make a major facility and the impact of the emissions may exceed the Ambient Reference Concentration).
- (g) The maximum contaminated soil charging rate to this facility shall not exceed 20 TPH.
- (h) Soil entering the kiln cannot be larger than 2 inches in diameter (Rule 62-775, F.A.C.).

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## SECTION II. EMISSION UNIT COMMON SPECIFIC CONDITIONS

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(i) As proposed by the permittee, only natural gas or propane (LPG) shall be used as fuel for the kiln and afterburner. Only low sulfur diesel fuel shall be burned by the diesel generator. The maximum permitted fuel consumption is 248 therms per hour of natural gas or 271 gallons per hour (GPH) of propane for the kiln and afterburner. The electrical generator is allowed to burn 10 GPH diesel fuel.

3.2 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall notify the District, or County (if applicable) having jurisdiction over the site the unit is operating at as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

3.3 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. The permittee's operation of the soil thermal treatment facility in Florida is conditioned upon the baghouse and the afterburner of the facility being fully operational, as demonstrated by monitoring instrumentation on the baghouse and afterburner. [Rules 62-210.650, F.A.C.]

### 3.4 Excess Emissions Requirements

Excess emissions resulting from start-up, shutdown or malfunction of this emission unit 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 District or county office for longer duration. [Rule 62-210.700(1), F.A.C.]

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

In case of excess emissions resulting from malfunctions, the owner or operator shall notify the District, or County (if applicable) having jurisdiction over the site the unit is operating at within one (1) working day of the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

## 4.0 MONITORING OF OPERATIONS

### 4.1 Determination of Process Variables

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



**SECTION II. EMISSION UNIT COMMON SPECIFIC CONDITIONS**

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- (b) Equipment and/or instruments used to directly or indirectly determine such 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.]
- 4.2 Temperature of the afterburner and carbon monoxide (CO) concentration shall be recorded continuously during operation. The instruments used to obtain these measurements shall be properly calibrated, maintained, and in operation any time the facility is in service.
- 4.3 The unit shall be equipped with means to measure the process feed rate of contaminated soil to the kiln, the pressure drop across the baghouse, and continuous monitors with recorders for the hot zone temperature and the CO concentration (Rule 62-296.415(1)(c), F.A.C.).

**5.0 TEST REQUIREMENTS**

- 5.1 Test Performance: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. The owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A (July 1995 version). No other test method shall be used unless approval from the Department has been received in writing. [Rules 62-204.800, 62-297.310, 62-297.400, 62-297.401, F.A.C.]

This facility shall be tested as follows:

Test for *visible emissions* during startup at each new site the unit is operated at.

Test for *particulate matter* and *visible emissions* the first time sustained input exceeds 12 TPH.

Test annually for:

- a) Particulate matter (PM) emissions by EPA Methods 1, 2, 3, 4, and 5.
- b) Visible emissions by EPA Method 9.
- c) Carbon monoxide (CO) emissions by averaging each hour of the readings from the CO continuous emission monitor during the PM test period.
- d) Afterburner temperature by averaging each hour of the temperature readings from the continuous temperature monitor during the PM test.

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## SECTION II. EMISSION UNIT COMMON SPECIFIC CONDITIONS

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- e) Afterburner residence time using the test data collected by EPA Methods 1 and 2.
- f) Fuel oil sulfur limits based on analysis referenced in 40 CFR 60.17 or other methods after Department approval. A certified analysis by the fuel oil supplier or documentation that road grade diesel fuel is used in the generator will also be acceptable.
- g) Contaminated soil analysis for volatile organic aromatics (VOA), total recoverable petroleum hydrocarbons (TRPH), polynuclear aromatic hydrocarbons (PAH), volatile organic halocarbons (VOH), and metals as required by Rule 62-775.410, F.A.C. of the soil being treated during the particulate matter compliance test.

5.2 Test Notification: The owner or operator shall notify the District or County (if applicable) having jurisdiction over the site the unit is operating at in writing at least (15) days prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]

5.3 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Department, District, or County (if applicable) having jurisdiction over the site the unit is operating at. [Rule 62-297.310(7)(b), F.A.C.]

5.4 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Ambient Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in **Rule 62-297.620, F.A.C.**

### 6.0 REPORTS AND RECORD KEEPING REQUIREMENTS

6.1 Duration: All reports and records required by this permit shall be kept for at least (3) years from the date the information was recorded. [62-4.160(14)(b), F.A.C.]

6.2 Emission Compliance Stack Test Reports:

A *test report* indicating the results of the required compliance tests shall be filed with the District or County (if applicable) having jurisdiction over the site the unit is operating at as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310(8), F.A.C.]

The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the *test report* shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**

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## SECTION II. EMISSION UNIT COMMON SPECIFIC CONDITIONS

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- 6.3 The permittee 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, all soil analysis required by Rule 62-775, F.A.C., and all other information required by rules and this permit, recorded in a permanent form suitable for inspection. The file shall be retained for at least 3 years following the date of such measurements, maintenance, reports, and records.
- 6.4 The permittee shall maintain a daily log that shows the date, location, operation time, pressure drop across the PM control device, processing rate, type and quantity of fuel consumption in the dryer and afterburner, and any operation problems. These records shall be maintained for a minimum of 3 years.
- 6.5 Annual Operating Report for Air Pollutant Emitting Facility: The permittee shall submit to the BAR each calendar year, on or before March 1, an Annual Operation Report: DEP Form 62-1.202(c) for this facility for the preceding calendar year containing at least the following information pursuant to Subsection 403.061(13), F.S.:
- a) Annual amount of material and/or fuels utilized.
  - b) Annual emissions in TPY (note calculation basis).
  - c) Annual hours of operation.
  - d) Any changes in the information contained in the application.
  - e) All compliance tests reports for the preceding year.
  - f) Temperature and CO exceedance reports for the year.

### 7.0 OTHER REQUIREMENTS

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

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

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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

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

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

Florida Department of  
Environmental Protection

Memorandum

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TO: Howard L. Rhodes  
THRU: Clair Fancy *Is 19 2001*  
Al Linero *adler 12/19*  
FROM: Willard Hanks *wh*  
DATE: December 19, 1996  
SUBJECT: Southwest Soil Remediation, Inc.  
Notice of Permit  
Permit No. 7770246-002-AO

Attached for approval and signature is a permit to operate a mobile soil thermal treatment facility.

Key components of the relocatable unit are a rotary kiln, baghouse, and afterburner. The unit has operated in Duval County. Test results collected at that site showed the unit is capable of operating in compliance with the Department's air regulations.

I recommend your approval and signature.

HLR/wh

Attachment