

Check Sheet

Company Name: TPS Technologies Inc  
Permit Number: AC 48-166072, -166005, -06, -07, -08, -09, -10, -11  
PSD Number: \_\_\_\_\_  
Permit Engineer: \_\_\_\_\_

**Application:**

- Initial Application
- Incompleteness Letters
- Responses
- Waiver of Department Action
- Department Response
- Other

**Cross References:**

- AC 50-166072B
- A048-197154B
- 

**Intent:**

- Intent to Issue
- Notice of Intent to Issue
- Technical Evaluation
- BACT or LAER Determination
- Unsigned Permit
- Correspondence with:
  - EPA
  - Park Services
  - Other
- Proof of Publication
  - Petitions - (Related to extensions, hearings, etc.)
  - Waiver of Department Action
  - Other

**Final**

**Determination:**

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

**Post Permit Correspondence:**

- Extensions/Amendments/Modifications
- Other

In the folder labeled as follows there are documents, listed below, which were not reproduced in this electronic file. That folder can be found in one of the file drawers labeled Supplementary Documents Drawer. Folders in that drawer are arranged alphabetically, then by permit number.

**Folder Name:** TPS Technologies, Inc.

**Permit(s) Numbered:**

AC	48	-	166172
AC	48	-	166605
AC	48	-	166606
AC	48	-	166607
AC	48	-	166608
AC	48	-	166609
AC	48	-	166610
AC	48	-	166611

Period during  
which document  
was received:

Detailed Description

APPLICATION	1.	TWO PAMPHLETS
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STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

In the Matter of Applications  
for Permit by:

DEP File No. AC50-166172B  
AO48-197154B  
Palm Beach County

TPS Technologies, Inc.  
12068 Market Street  
Livonia, Michigan 48150

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Enclosed is revised Permit Number AC50-166172B/AO48-197154B to construct and operate soil thermal treatment facility SRU-200P-103 in West Palm Beach, Palm Beach County, Florida. This permit is being revised to allow the use of natural gas fuel and to clarify the feed and testing requirements. This permit is issued pursuant to Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-4, 17-210, 17-212, 17-296, and 17-297.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this Permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

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

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, 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 Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; 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 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400  
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on 5/24/94 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Paulina J. Boutwell 5/24/94  
(Clerk) (Date)

Copies furnished to:  
Isidore Goldman, SED  
Jeff Koerner, PBCHD



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

**PERMITTEE:**  
TPS Technologies, Inc.  
12068 Market Street  
Livonia, Michigan 48150

**Permit Number:** AC 50-166172B  
AO 48-197154B  
**Expiration Date:** July 1, 1996  
**County:** Palm Beach  
**Project:** Soil Thermal Treatment  
Facility SRV-200P-103

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-212 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto and specifically described as follows:

Authorization to construct/operate a 25 TPH soil thermal treatment facility. The facility consists of a contaminated soil feed and weigh mechanism, a rotary kiln, combustion air blower, baghouse, induced draft fan, a natural gas, LPG, and No. 2 oil fuel system, an afterburner operating at a minimum temperature of 1600°F and a minimum retention time of 0.5 seconds, and a 32 ft. high stack with 47" by 25" inside dimensions that handles a minimum of 22,000 acfm of flue gas.

The facility is located at 9101 Fairgrounds Road, West Palm Beach, Palm Beach County, Florida. The coordinates of this site are UTM Zone 17, 580.22 km E - 2952.0 km N; and Latitude/Longitude is 26°41'18"N - 80°11'36"W.

The source shall be operated in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. TPS January 17, 1994, letter.
2. TPS April 4, 1994, letter.

**PERMITTEE:**  
**TPS Technologies, Inc.**

**Permit Numbers: AC 50-166172B**  
**AO 48-197154B**

**GENERAL CONDITIONS:**

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.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of 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.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement 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.

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.

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.

**PERMITTEE:**  
**TPS Technologies, Inc.**

**Permit Numbers: AC 50-166172B**  
**AO 48-197154B**

**GENERAL CONDITIONS:**

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 any 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.

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.

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.

PERMITTEE:  
TPS Technologies, Inc.

Permit Numbers: AC 50-166172B  
AO 48-197154B

**GENERAL CONDITIONS:**

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, 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.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

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 for 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:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.



PERMITTEE:  
TPS Technologies, Inc.

Permit Numbers: AC 50-166172B  
AO 48-197154B

**GENERAL CONDITIONS:**

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.

**SPECIFIC CONDITIONS:**

**PLANT OPERATION PARAMETERS**

1. The facility shall only treat petroleum contaminated soil as defined in F.A.C. Rule 17-775, (F.A.C. Rule 17-296.415).
2. Hazardous waste as defined in 40 CFR 261.3 shall not be processed by this facility (F.A.C. Rule 17-775).
3. This facility shall not treat polychlorinated biphenyls (PCBs) contaminated soil (F.A.C. Rule 17-775).
4. Based on data in the application, the input of Total Recoverable Petroleum Hydrocarbons (TRPH) in the soil into the soil thermal treatment facility kiln shall not exceed 1,250 lbs/hr (daily avg.). Daily average is the pounds of TRPH in the untreated soil processed during a calendar day divided by the kiln's actual hours of operation during that day.
5. The afterburner shall be operated above 1600°F with a minimum of 0.5 second retention time (F.A.C. Rule 17-296.415).
6. The facility may operate 24 hours per day, 7 days per week, but not more than 7,800 hrs/yr. It shall not be operated at a site with another soil thermal treatment facility, without requesting and obtaining a revised permit from the Department.
7. The maximum contaminated soil charging rate to this facility shall be 25 TPH. The facility shall have a calibrated belt scale to monitor the charging rate to the kiln.
8. Soil entering the kiln cannot be larger than 2 inches in diameter (F.A.C. Rule 17-775).

PERMITTEE:  
TPS Technologies, Inc.

Permit Numbers: AC 50-166172B  
AO 48-197154B

**SPECIFIC CONDITIONS:**

9. As proposed by the permittee, only LPG, natural gas (NG), or No. 2 fuel oil containing a maximum of 0.5% sulfur (0.35% annual average) shall be used as fuel for the kiln and afterburner. The maximum permitted fuel consumption, equivalent to 37 MMBtu/hr heat input, is 407 GPH LPG, 3,700 CFH NG, or 266 GPH No. 2 fuel oil.

**EMISSION LIMITS**

10. Particulate matter emissions from the afterburner stack shall neither exceed 0.04 grains/dscf, 3.0 lbs/hr, nor 11.7 TPY (F.A.C. Rule 17-296.415(2)(b)).

11. Visible emissions from the facility stack shall not exceed 5 percent opacity (F.A.C. Rule 17-296.415(2)(a)).

12. Carbon monoxide emissions shall not exceed 100 parts per million by volume, dry, during any 60 consecutive minute period (Rule 17-296.415(1)(b), F.A.C.).

13. The operation of this facility shall not result in the emissions of air pollutants which cause or contribute to an objectionable odor pursuant to F.A.C. Rule 17-296.320.

14. Untreated soil removed from the ground shall be stored under permanent cover structures to reduce fugitive emissions (F.A.C. Rule 17-775.620(2)).

15. Reasonable precautions shall be used to minimize unconfined emissions of particulate matter generated by the operation (F.A.C. Rule 17-296.310). Reasonable precautions shall be defined as keeping the work areas wet where the soil is being removed, treated, handled, and stored or disposed of.

**GENERAL REQUIREMENTS**

16. The system shall be properly operated and maintained (F.A.C. Rule 17-210.300). No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly (F.A.C. Rule 17-210.650). 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.

**PERMITTEE:**  
**TPS Technologies, Inc.**

**Permit Numbers: AC 50-166172B**  
**AO 48-197154B**

**SPECIFIC CONDITIONS:**

17. The unit shall not be operated at a location or in a manner that may create a nuisance.

**EMISSION TESTING REQUIREMENTS**

18. This facility shall be tested (EPA test methods are specified in 40 CFR 60, Appendix A, revised July 1, 1993) on initial startup and annually thereafter 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 period.
- (E) Afterburner residence time using the test data collected by EPA Methods 1 and 2.
- (F) Fuel oil sulfur limits based on analysis ASTM D1552-83 referenced in 40 CFR 60.17 or other methods after Department approval. A certified analysis by the fuel oil supplier will be acceptable.
- (G) Contaminated soil analysis for volatile organic aromatics (VOA), total recoverable petroleum hydrocarbons (TRPH), volatile organic halocarbons (VOH), metals, and polynuclear aromatic hydrocarbons (PAH) if required by F.A.C. Rule 17-775, of the soil being treated during the particulate matter compliance test.

Testing of emissions shall be conducted with the source operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.

**PERMITTEE:**  
**TPS Technologies, Inc.**

**Permit Numbers: AC 50-166172B**  
**AO 48-197154B**

**SPECIFIC CONDITIONS:**

19. All compliance tests shall meet the requirements listed in F.A.C. Rule 17-297.

20. 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 F.A.C. Rule 17-296.415 or in this permit is being violated, it may require the owner or operator of the unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the Department (F.A.C. Rule 17-297.340(2)).

**RECORD KEEPING REQUIREMENTS**

21. Pressure drop across the baghouse shall be recorded hourly during operations. Temperature of the afterburner, and CO emissions shall be recorded continuously during operations. The instruments used to obtain these measurements shall be properly calibrated, maintained, and in operation any time the facility is in service.

22. 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 F.A.C. Rule 17-775 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.

23. The permittee shall maintain a daily log that shows the date, operation time, 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.

**ADMINISTRATIVE REQUIREMENTS**

24. The Southeast District shall be notified in writing at least 15 days in advance of any scheduled compliance test to be conducted on this facility (F.A.C. Rule 17-297.340(1)(i)).

25. Compliance test results shall be submitted to the Southeast District within 45 days of the test (F.A.C. Rule 17-297.570(2)).

PERMITTEE:  
TPS Technologies, Inc.

Permit Numbers: AC 50-166172B  
AO 48-197154B

**SPECIFIC CONDITIONS:**

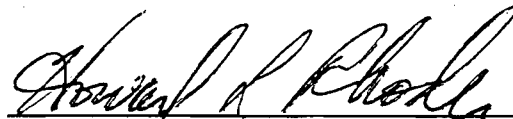
26. This permit requires compliance with any applicable local (County) regulation. This may include requirements for county operation permits and additional restrictions on the operation of this unit.

27. The permittee shall submit to the Southeast District and the Palm Beach County Health Department each calendar year, on or before March 1, an Annual Operation Report DER Form 17-1.202(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.

28. An application for Renewal of Permit to Operate Air Pollution Source must be submitted to the Southeast District at least 60 days prior to the expiration date of this permit. To renew the operation permit, the applicant shall submit the appropriate form, fee, a report on any physical change or major maintenance to the facility, and compliance test reports as required by this permit (F.A.C. Rule 17-4.090).

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION




Howard L. Rhodes  
Director  
Division of Air Resources  
Management

Memorandum

Florida Department of  
Environmental Protection

---

TO: Howard L. Rhodes  
FROM: Clair H. Fancy   
DATE: May 18, 1994  
SUBJECT: Amendment of Permit  
TPS Technologies, Inc.

Attached for your approval and signature is an amended construction permit for TPS's mobile soil thermal treatment facility that is located in West Palm Beach. The amendment allows the use of natural gas fuel and clarifies the feed and testing requirements in the permit. A public notice is not being required for this amendment because the facility emissions are not being increased.

I recommend your approval and signature.

CHF/WH/bjb

Attachment

RECEIVED

15

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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.

JUN 01 1991  
 Bureau of  
 Air Regulation

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

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

Consult postmaster for fee.

3. Article Addressed to:  
 TPS Technologies, Inc.  
 12068 Market Street  
 Livonia, Michigan 48150

4a. Article Number  
 P 872 562 723

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

7. Date of Delivery  
 JUN 20 1991

5. Signature (Addressee)

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

6. Signature (Agent)  
*Ellen Schreff*

PS Form 3811, December 1991 \*U.S. GPO: 1992-323-402 DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

P 872 562 723



**Receipt for Certified Mail**

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

Sent to TPS Technologies, Inc.	
Street and No. 12068 Market Street	
P.O., State and ZIP Code Livonia, Michigan 48150	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date Mailed: 5/24/94 AC 50-166172B AO 48-197154B	

PS Form 3800, JUNE 1991

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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 next to the article number.

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

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

Consult postmaster for fee.

3. Article Addressed to:

Kenneth Wood, U.P.  
 TPS Tech, Inc.  
 2070 Orange Blossom Tr.  
 Apopka, FL 32703

4a. Article Number

P 617 884 135

4b. Service Type

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

7. Date of Delivery

1-17-92

5. Signature (Addressee)

*Kenwood*

6. Signature (Agent)

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

PS Form 3811, October 1990

U.S. GPO: 1990-273-861

**DOMESTIC RETURN RECEIPT**

P 617 884 135



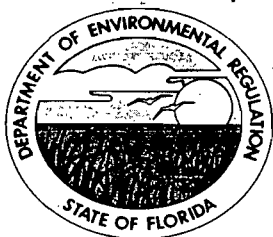
**Certified Mail Receipt**

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

Send to	Kenneth Wood
Street & No.	TPS Tech
City, State & ZIP Code	Apopka, FL
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	1-15-92
	AC 50-166172
	4B-197154

PS Form 3800, June 1990





# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

January 9, 1992

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Kenneth L. Wood, Vice-President  
TPS Technologies, Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

Dear Mr. Wood:

Re: Amendment of Permits Nos. AC 50-166172 and AO 48-197154

The Department is in receipt of Mr. Blair Dominiak's November 27 and December 13, 1991, letters requesting the referenced permits for the soil thermal treatment facility SRU-200P-103 be corrected to show the operating location restrictions and actual stack elevation for this facility and to clarify Specific Condition No. 9. These requests are acceptable and the referenced permits are changed:

**FROM:**

Authorization to operate a 25 TPH portable rotary kiln/ afterburner system. The unit consists of a contaminated soil feed and weigh mechanism, a rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, an afterburner with a minimum destruction efficiency of 98%, a 22 ft. high stack with 47" by 25" inside dimensions, that handles a minimum of 22,000 acfm gas at 1400°F.

The unit may operate in any county in Florida after completing the notification requirements.

The source shall be operated in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Specific Condition No. 9: Only soils contaminated with gasoline, No. 2 type oils, toluene, xylene, ethyl benzene, and motor oils shall be treated in this unit unless otherwise approved by the Bureau of Air Regulation.

Hazardous waste as defined in 40 CFR 261.3 shall not be processed by this unit.

Metals in the untreated soil shall not exceed the following:

<u>Metals</u>	Maximum Concentration	
	<u>TCLP(mg/L)</u>	<u>Total(mg/Kg)</u>
Arsenic	5.0	55
Barium	100.0	2750
Cadmium	1.0	55
Chromium	5.0	275
Lead	5.0	77
Mercury	0.2	17
Selenium	1.0	165
Silver	5.0	165

Total Volatile Organic Aromatics (VOA) constituent in the soil shall not exceed the concentrations that have the potential to exceed the acceptable ambient air concentration or the VOC emission limit for this unit (see Specific Conditions Nos. 12, 15, and 25).

To show compliance with this condition, the permittee shall analyze composite samples of the contaminated soil (see Specific Condition No. 11) by the EPA SW 846 Methods, Test Method for Evaluating Solid Waste Physical/Chemical, for VOA (EPA Method 5030/8020), TRPH (EPA draft Method 9073), and Metals (EPA Method 1311, 3050, 6010, 7040, 7041, 7060, 7061, 7080, 7130, 7131, 7190, 7191, 7420, 7421, 7471, and 7760).

TO:

Authorization to construct/operate a 25 TPH soil thermal treatment facility. The facility consists of a contaminated soil feed and weigh mechanism, a rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, an afterburner with a minimum destruction efficiency of 98%, a 32 ft. high stack with 47" by 25" inside dimensions, that handles a minimum of 22,000 acfm gas at 1400°F.

The facility is located at 9101 Fairgrounds Road, West Palm Beach, Palm Beach County, Florida. The coordinates of this site are UTM Zone 17, 580.22 km E - 2952.0 km N; and Latitude/Longitude is 26°41'18"N - 80°11'36"W.

The source shall be operated in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Specific Condition No. 9: Only soils contaminated with gasolines (leaded, unleaded, gasohol, reformulated, etc.), distillate fuels (kerosene, diesel fuel, jet fuel, etc.), fuel oils (Nos. 1

through 6), petroleum based motor oils, toluene, xylene, and ethyl benzene shall be treated in this unit unless otherwise approved by the Bureau of Air Regulation.

Hazardous waste as defined in 40 CFR 261.3 shall not be processed by this unit.

Metals in the untreated soil shall not exceed the following:

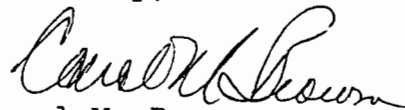
<u>Metals</u>	<u>Maximum Concentration</u>	
	<u>TCLP(mg/L)</u>	<u>Total(mg/Kg)</u>
Arsenic	5.0	55
Barium	100.0	2750
Cadmium	1.0	55
Chromium	5.0	275
Lead	5.0	77
Mercury	0.2	17
Selenium	1.0	165
Silver	5.0	165

Total Volatile Organic Aromatics (VOA) constituent in the soil shall not exceed the concentrations that have the potential to exceed the acceptable ambient air concentration or the VOC emission limit for this unit (see Specific Conditions Nos. 12, 15, and 25).

To show compliance with this condition, the permittee shall analyze composite samples of the contaminated soil (see Specific Condition No. 11) by the EPA SW 846 Methods, Test Method for Evaluating Solid Waste Physical/Chemical, for VOA (EPA Method 5030/8020), TRPH (EPA draft Method 9073), and Metals (EPA Method 1311, 3050, 6010, 7040, 7041, 7060, 7061, 7080, 7130, 7131, 7190, 7191, 7420, 7421, 7471, and 7760).

A copy of this letter shall be attached to the referenced permits and shall become a part of the permits.

Sincerely,

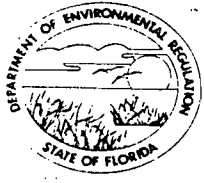


Carol M. Browner  
Secretary

CMB/WH/plm

Attach: TPS November 27, 1991, letter  
TPS December 13, 1991, letter

c: Stephanie Brooks, SED



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Carol Browner

FROM: Steve Smallwood *[Signature]*

DATE: January 9, 1992

SUBJ: Amendment of Permit - TPS Technologies, Inc.

Attached for your approval and signature is a letter that will amend permits for a soil thermal treatment facility to show the correct location and stack elevation for the unit.

The amendment is not controversial. I recommend your approval and signature.

SS/WH/plm.

Attachment

**TPS**  
TECHNOLOGIES INC.

12068 Market Street □ Livonia, Michigan 48150 USA  
Telephone: (313) 591-1000 □ Fax: (313) 591-6443

RECEIVED

June 21, 1991

JUN 26 1991

Division of Air  
Resources Management

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, Florida 32399-2400

Attn: Mr. Willard Hanks  
Engineer

**RE: Amendment of Construction Permits AC48-166172  
and AC48-166605 through AC48-166607**

Dear Mr. Hanks,

Pursuant to the June 4, 1991 letter of amendment from the Secretary, Ms. Carol M. Browner, to our Mr. Kenneth L. Wood, please note that TPS Technologies Inc. was previously issued a December 19, 1989 letter of amendment authorizing the use of Methods 18, 25, or 25A for compliance testing. Specific Condition No. 9 of the June 4, 1991 letter, however, only provides for Method 25 testing.

In our telephone conversation of June 18, 1991, you confirmed that stack sampling Methods 18 and 25A are still appropriate for use since their approval was granted in the earlier letter of amendment. TPS Technologies, therefore, formally requests that the referenced construction permits, and their corresponding operating permits, be modified to contain the compliance test provisions of the enclosed December 19, 1989 letter.

Respectfully,

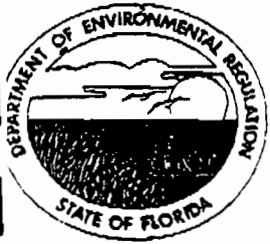
*B. W. Dominiak*

Blair W. Dominiak  
Manager, Regulatory Compliance

/bk

Enclosure

cc: J.L. Powell  
K.L. Wood  
T.L. Beattie



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

**RECEIVED**  
JUN 26 1991  
John Shearer, Assistant Secretary  
Division of Air  
Resources Management

December 19, 1989

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

JAN - 4 1990

Mr. Kenneth L. Wood, Vice-President  
TPS Technologies, Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

Dear Mr. Wood:

Re: Amendment of Construction Permits

The Department is in receipt of Mr. Blair Dominiak's December 14, 1989, letter requesting the permits to construct your portable soil decontamination units be amended to make the notification requirements for relocation of the portable units consistent, clarify that the system destruction efficiency for VOC is to be used to determine emissions, and authorize the use of other approved test methods to measure the emissions of the units. These requests are acceptable and TPS Technologies, Inc. construction permits are amended as follows.

Construction Permits Nos. AC 48-150356, 48-150358, and 48-150360

Specific Conditions Nos. 9 and 23 are revised to:

9. Benzene emissions shall not exceed 1.52 lb/hr. Total VOC emissions shall not exceed 200 lbs/hr. Compliance shall be determined from soil analysis and production rate or Method 18, 25, or 25A tests (40 CFR 60, Appendix A, revised as of July 1, 1988). If credit is taken for VOC destruction by the afterburner, the permittee must establish its efficiency by making a material balance using soil analysis and EPA Method 18, 25, or 25A test data.

23. This unit shall not be operated at any other site until the applicant has requested authorization to operate at the new site. Whenever feasible, the request shall be at least 15 days prior to operation at the new site. The permittee shall notify the Air Program Administrator in the appropriate Department district office and approved local air program that the unit is being relocated. This notification shall provide the permit number of the unit, a copy of the last stack test report, the

Page 2  
December 19, 1989

date of the proposed move, the new site for the unit, and the locations and contamination levels of the soils to be treated. The district shall notify the permittee of any new conditions the unit must meet within 15 days of the receipt of the relocation notice. The unit is permitted to operate in any county in Florida.

These conditions replace the requirement that the permits be transferred prior to operation at the new location that was on the first sheets of these permits.


Construction Permits Nos. AC 48-166172, 48-166605 thru 48-166611

Specific Condition No. 9 is revised to:

9. Benzene emissions shall not exceed 6.3 lbs/hr. Total VOC emissions shall not exceed 25 lbs/hr. Compliance shall be determined from soil analysis, production rate, and the system destruction efficiency which is established by Method 18, 25, or 25A tests (40 CFR 60, Appendix A, revised as of July 1, 1988).

A copy of this letter must be filed with each of the soil remediation unit permits and shall become part of those permits.

Sincerely,



Dale Twachtmann  
Secretary

Attachment:  
TPS December 14, 1989 letter

DT/plm

# TPS

TECHNOLOGIES INC.

1964 South Orange Blossom Trail  Apopka, Florida 32703 USA  
Telephone: (407) 886-2000  Fax: (407) 886-8300

April 4, 1994

RECEIVED

APR 07 1994

Bureau of  
Air Regulation

Mr. Willard Hanks, Engineer  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
2000 Blair Stone Road  
Tallahassee, Florida 32399-2400

Re: TPS Technologies Inc., Soil Thermal Treatment Facility  
AC50-166172A/AO48-197154A, Palm Beach County

Dear Mr. Hanks:

In accordance with our telephone conversation on March 28, 1994, please accept this letter as our request to modify and correct the permit for our soil thermal treatment facility in West Palm Beach. For clarity, the current permit language along with the proposed change is presented.

1. **Specific Condition 4:** from "...the soil into the facility shall..." to "...the soil into the thermal processor shall...".

Discussion: The word facility as used above has caused confusion as to whether the Total Recoverable Petroleum Hydrocarbons (TRPH) accepted through the gate each day has to correlate with the TRPH being processed through the thermal unit. We hope this was not the intent, and that the permit is based on 1250 lbs/hr (daily avg.) processed, not received. On days that the thermal equipment is not operating, no soil could be received if the two numbers had to balance.

2. **Specific Condition 9:** from "...only LPG or No. 2 fuel oil containing a maximum of 0.3% sulfur..." to "...only LPG, natural gas (NG) or No. 2 fuel oil containing a maximum of 0.5% sulfur...".

Discussion: We have learned that natural gas may be available to our facility in the future. We would like to have the alternative to operate on NG. Concerning the percent sulfur in the No. 2 fuel oil, suppliers of this product have informed us that "off road" fuel with <.3% sulfur will not normally be available to us. We will be forced, therefore, to purchase low sulfur "on road" fuel at a much higher cost. Since we have checked our records and cannot find where we have asked to be limited to .3% maximum sulfur content fuel, we request this condition be changed to what it was in the old permit.





- 3. Emission Testing Requirements 18.(G):** delete the requirement to test contaminated soil for polynuclear aromatic hydrocarbons (PAH) during the annual emissions test.

Discussion: According to 17-775, PAH testing is not required on pre-treated soil. It is unclear if this condition applies to the pre-treated or post-treated soil during the emission test. If this condition does apply to post-treated soil, 17-775.400 provides for PAH testing to be optional depending on the cleanup standards selected. We feel this requirement should be deleted.

- 4. Record Keeping Requirements 21:** Change "Pressure drop across the baghouse, temperature of the afterburner, and CO emissions shall be recorded continuously during operations." to "Pressure drop across the baghouse shall be recorded hourly. Temperature of the afterburner and CO emissions shall be recorded continuously."

Discussion: The pressure drop across the baghouse constantly fluctuates. Any continuous record of the pressure drop would not provide information that would be useful. The condition in the previous permit that required the pressure drop to be manually recorded on an hourly basis is an adequate indicator that the baghouse is functioning properly. In addition, the control panel at the West Palm Beach facility is not configured to accommodate this type of device.

We appreciate your time and interest in reviewing this request. Hopefully these changes will enable the West Palm Beach facility to operate without having to revisit the permit for a long period of time. If you have any questions or need additional information, do not hesitate to contact me at our Apopka office at (407) 886-2000.

Sincerely,



David Wall  
Environmental Engineer

cc: B. Dominiak  
B. Barnard  
S. Selvendran, HRS/WPBC  
G. Catalano

*D. Dominiak, SE Dist*

Is your RETURN ADDRESS complete on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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.

3. Article Addressed to:  
 Mr. David Wall  
 Environmental Engineer  
 TPS Technologies, Inc.  
 1964 South Orange Blossom Trail  
 Apopka, FL 32703

5. Signature (Addressee)  
*J. Wall*  
 6. Signature (Agent)

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

4a. Article Number  
 P 872 562 681  
 4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise  
 7. Date of Delivery  
 8. Addressee's Address (Only if requested and fee is paid)

Return Receipt Service  
 Thank you for using Return Receipt Service

PS Form 3811, December 1991 \*U.S. GPO: 1992-323-402

**DOMESTIC RETURN RECEIPT**



**Receipt for Certified Mail**  
 No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

Sent to  
 Mr. David Wall, TPS Tech-  
 nologies  
 Street and No.  
 1964 S.O.B. Trail  
 P.O., State and ZIP Code  
 Apopka, FL 32703

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	\$
TOTAL Postage & Fees	
Postmark or Date Mailed: 4-8-94	
Permit: AC 50-166172A	

PS Form 3800, JUN 1991



Lawton Chiles  
Governor

# Florida Department of Environmental Protection

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

Virginia B. Wetherell  
Secretary

April 8, 1994

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. David Wall  
Environmental Engineer  
TPS Technologies, Inc.  
1964 South Orange Blossom Trail  
Apopka, Florida 32703

Dear Mr. Wall:

RE: AC 50-166172A/A048-197154A, Palm Beach County  
Request for Permit Amendment

The Bureau of Air Regulation received your April 4, 1994, request for the above referenced project. On October 30, 1991, Rule 17-4.050(4)(o), F.A.C., was changed to require a \$250 processing fee for a permit amendment; therefore, we will not be able to take action on your request until the fee is received. If you have any questions, please call Patty Adams at (904)488-1344.

Sincerely,

A handwritten signature in cursive script that reads "Patty Adams".

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

CHF/pa

cc: Willard Hanks

**TPS**

TECHNOLOGIES INC.

0003645

1964 South Orange Blossom Trail  Apopka, Florida 32703 USA  
Telephone: (407) 886-2000  Fax: (407) 886-8300

April 12, 1994

RECEIVED  
DER-MAIL ROOM  
1994 APR 15 PM 1:35

Mr. C.H. Fancy, Chief  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
2000 Blair Stone Road  
Tallahassee, FL 32399-2400

Re: **TPS Technologies Inc., AC50-166172A/AO48-197154A**  
**Request for Permit Amendment**

Dear Mr. Fancy:

In accordance with your letter dated April 8, 1994, please find enclosed our check for \$250.00 for the processing fee for a permit amendment.

We appreciate your prompt response to our request. If you have additional questions or need further information, please call me at our Apopka office at (407) 886-2000.

Sincerely,



David Wall  
Environmental Engineer

cc: B. Dominiak  
B. Barnard  
G. Catalano

# TPS

TECHNOLOGIES INC.

12068 Market Street □ Livonia, Michigan 48150 USA  
Telephone: (313) 591-1000 □ Fax: (313) 591-6443

# RECEIVED

DEC 13 1991

December 13, 1991

Bureau of  
Air Regulation

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, Florida 32399-2400

Attn: Mr. Willard Hanks  
Engineer

**RE: Clarification of Allowable Soil Contaminants for Operating Permits  
AO48-197154 to AO48-197157**

Dear Mr. Hanks,

Pursuant to our telephone conversation of December 12, 1991, TPS Technologies requests a clarification of the wording in Specific Condition #9 of the referenced operating permits regarding the types of soil contaminants acceptable for thermal treatment.

The first sentence of Specific Condition #9 reads "Only soils contaminated with gasoline, No. 2 type oils, toluene, xylene, ethyl benzene, and motor oils shall be treated in this unit unless otherwise approved by the Bureau of Air Regulation." This wording significantly differs from the language in the corresponding construction permits (Specific Condition #6 of AC48-166172 and AC48-166605 to AC48-166607) which read "Only soils contaminated with virgin (non-recycled) petroleum products, 'on-spec' used oil, toluene, xylene, and ethyl benzene shall be treated in this unit unless otherwise approved by the County or District Air Program Administrator." Unfortunately, the change in wording has inadvertently excluded several petroleum soil contaminants that have been successfully thermally treated by TPST's Soil Remediation Units (SRU), including kerosene, jet fuel, gasohol, diesel fuel, and the heavier fuel oils (No. 3 through No. 6). It should be noted, however, that not all soil thermal treatment units may be capable of properly processing heavier fuel oil contaminated soil. TPST has no such problem as our SRU's have the ability to produce an 800°F soil temperature.

As you suggested, I have formulated the following new wording for Specific Condition #9 of the operating permits:

Only soils contaminated with virgin (non-recycled) petroleum products including leaded and unleaded gasoline, gasohol, diesel fuel, fuel oils (No. 1 through No. 6), kerosene, and jet fuel; "on-spec" used oils such as motor oil; and toluene, xylene, and ethyl benzene shall be treated in this unit unless otherwise approved by the Bureau of Air Regulation.

As always, hazardous waste as defined in 40 CFR 261.3 will not be processed in the SRU.

TPST trusts that the proposed new wording meets with your approval. If you would like to discuss this further, please contact me at (313) 591-1000. Thank you for your consideration of this matter.

Respectfully,



Blair W. Dominiak  
Manager, Regulatory Compliance

/bk

cc: T.L. Beattie  
J.L. Powell  
K.L. Wood


**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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 next to the article number.

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

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

Consult postmaster for fee.

3. Article Addressed to: Mr. Kenneth L. Wood Vice President TPS Technologies, Inc. 2070 S. Orange Blossom Trail Apopka, FL 32703	4a. Article Number P 832 539 847
5. Signature (Addressee)	4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
6. Signature (Agent) 	7. Date of Delivery
PS Form 3811, October 1990	8. Addressee's Address (Only if requested and fee is paid)

U.S. GPO: 1990-273-861

**DOMESTIC RETURN RECEIPT**



Sent to	
Mr. Kenneth L. Wood, TPS	
Street & No.	
2070 S. Orange Blossom Tr.	
P.O., State & ZIP Code	
Apopka, FL 32703	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	
Mailed:	6-14-91
Permit:	AC 48-166172
	-1666055thru
	-166607

PS Form 3800, June 1990



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

June 4, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Kenneth L. Wood, Vice President  
TPS Technologies, Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

Dear Mr. Wood:

Re: Amendments of Construction Permits AC 48-166172 & 48-166605  
through 48-166607  
25 TPH Mobile Soil Remediation Units

The Department is in receipt of Mr. Blair Dominiak's May 15 letter requesting that the referenced construction permits for four 25 TPH mobile soil remediation units be amended to allow treatment of soils containing a higher concentration of hydrocarbons because of the higher destruction efficiency of the afterburners controlling the organic emissions from these units. This request is acceptable and the referenced construction permits are amended to the following:

### Description on Page 1 of 11 of Permit

Authorization to construct a 25 TPH portable rotary kiln/afterburner system. The unit consists of a contaminated soil feed and weigh mechanism, rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, a 98% destruction efficiency afterburner with a 22 ft. high, 47" x 25-27" stack that handles a minimum of 22,000 acfm at 1400°F, and associated equipment mounted on a truck bed.

### Specific Condition No. 8

Unless the Department has determined other concentrations are required to protect public health and safety, predicted ambient air impact of any toxic pollutant, as determined by the PTPLU 6 model or other DARM approved models, shall not exceed the concentration calculated by the following formula:



$$AAC = \frac{40}{X} \cdot \frac{1}{\text{safety factor}} \quad (\text{OEL})$$

where,

AAC = acceptable ambient concentration

Safety Factor = 100 for category A substances and  
50 for category B substances

X = 40 or the hours/week of actual operation,  
whichever is larger

OEL - Occupational exposure level such as ACGIH, OSHA, and  
NIOSH published standards for toxic materials.

TWA-TLV is the threshold limit value (8 hrs/day,  
40 hrs/wk) maximum exposure concentration considered  
safe for workers by the ACGIH.

Data from the results of the tests shows that, for  
continuous operation, an emission of 1 gram/sec will have a  
maximum ambient impact of  $18.4 \times 10^{-3} \text{ mg/m}^3$  (8 hr. avg).

$$\text{Maximum Allowable Emissions (g/sec)} = \frac{AAC \text{ mg/m}^3}{18.4 \times 10^{-3}}$$

#### Specific Condition No. 9

The afterburner shall have a minimum destruction efficiency of 98%. Benzene emissions shall not exceed 3.1 lbs/hr. Total VOC emissions shall not exceed 25 lbs/hr. Compliance shall be determined from soil analysis, production rate, and the afterburner destruction efficiency which is established by Method 25 tests (40 CFR 60, Appendix A, revised as of July 1, 1990).

#### Specific Condition No. 11

Any analysis required by Specific Condition No. 10 which indicates a potential violation of any condition in this permit shall be reported within 7 days to the appropriate Department's District Air Program Administrator and DER approved local air program. An average concentration of benzene above 3,100 ppm in the soil or total hydrocarbons above 25,000 ppm indicate a violation of this permit. The soil may be decontaminated after Department approval provided no condition of this permit is violated. This can be

Mr. Kenneth L. Wood  
Page 3 of 3

accomplished by operating at less than the 25 TPH production rate, or other means with prior approval of the Department. The permittee must propose the method of compliance with this permit.

A. copy of this letter must be attached to the above construction permits and shall become a part of the permits.

Sincerely,



Carol M. Browner  
Secretary

CMB/plm

Attachment: TPS May 15, 1991 letter

c: District Air Program Administrators  
County Air Program Administrators  
Blair Dominick, TPS

RECEIVED

MAY 20 1991

May 15, 1991

Bureau of  
Air Regulation

Mr. Willard Hanks  
Engineer  
Bureau of Air Quality Management  
Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, FL 32301

Re: Amendment and Certificate of  
Completion of Construction  
of Soil Remediation Units  
Serial No. SRU-200P-103 through 106

Dear Mr. Hanks,

Enclosed please find four (4) copies of our FDER Certificate of Completion of Construction for four (4) Soil Remediation Units (SRU's) and a check for the amount of \$6000 (\$1500 per unit). We request that operating permits be issued for SRU-200P-103 to 106.

In addition, we would like to request an amendment to the current permits for higher allowable hydrocarbon contaminant levels. The destruction efficiencies that were calculated from the actual stack test data are much higher than those claimed in our original application. A higher contaminant level can be accommodated without changing the emission levels that were requested in the original application. The units, along with the current air permit numbers, general permit numbers, and the destruction efficiencies (DE), as calculated from the most recent stack tests, are listed as follows:

<u>Unit Serial #</u>	<u>Air Permit #</u>	<u>General Permit #</u>	<u>DE</u>
SRU-200P-103	AC 48-166172	192851	99.99%
SRU-200P-104	AC 48-166605	192991	99.92%
SRU-200P-105	AC 48-166606	192993	99.93%
SRU-200P-106	AC 48-166607	192994	99.91%

Each unit is identical in construction with the exception of minor differences in the stack dimensions. The stack height has changed from the original construction permit application. It is now 22 ft for all units as opposed to 19 ft in the original application.

The stack height and dimensions for the respective units are listed below:

<u>Unit Serial #</u>	<u>Height</u>	<u>Inside Dimensions</u>	<u>Outside Dimensions</u>
SRU-200P-103	22'	25" x 47"	29" x 51"
SRU-200P-104	22'	25" x 47"	29" x 51"
SRU-200P-105	22'	27" x 47"	31" x 51"
SRU-200P-106	22'	27" x 47"	31" x 51"

A detailed sketch of each stack is contained in Attachment B.

The destruction efficiency calculations for each unit can be found in Attachment A. The stack test reports were submitted to the FDER at the time of the stack test. A summary of the results of each stack test is listed in Attachment B. The calculations show that the destruction efficiency for VOC emission is consistently in the 99+ % range. This is much higher than the original application destruction efficiency of 90.0 %.

Therefore, we would like to submit a request to upgrade the unit destruction efficiency of each of the four (4) referenced SRU's to 98 %. This would allow us to remediate soil with contamination levels up to 2.5% hydrocarbons without creating higher VOC emissions than those calculated in our original permit application. Carbon monoxide (CO) is the only other emission that would be affected and it actually improves. No other emissions would be affected by this increase in destruction efficiency. See Attachment C for a summary of the SRU emissions presented in the original permit application versus the amended emission levels calculated with the higher destruction efficiency.

Should you have any questions concerning this application, please contact me in Livonia, Michigan at (313) 591-1000.

I sincerely appreciate your timely attention to this matter.

Respectfully yours,

Blair W. Dominiak  
Manager, Regulatory Compliance

Enclosures





State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Carol M. Browner  
FROM: Steve Smallwood *SS*  
DATE: June 4, 1991  
SUBJ: Amendments to Construction Permits AC 48-166172 & 48-166605  
through 48-166607  
TPS Technologies, Inc.

Attached for your approval and signature is a letter amending the description and Specific Conditions Nos. 8, 9, and 11 for the above referenced construction permits. These amendments will allow soil with a higher concentration of hydrocarbons to be treated in the mobile soil remediation units without increasing allowable emissions because tests show the afterburners have a higher destruction efficiency than was listed in the application.

The Bureau recommends approval of this amendment.

SS/WH/plm

Attachment

BEST AVAILABLE COPY

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. Kenneth L. Wood Vice President TPS Technologies, Inc. 1070 S. Orange Blossom Trail Apopka, FL 32703	<b>4. Article Number</b> P 938 762 722 <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
<b>5. Signature - Address</b> X <i>Cora L. Jacobs</i>	<b>8. Addressee's Address (ONLY if requested and fee paid)</b>
<b>6. Signature - Agent</b> X	
<b>7. Date of Delivery</b> 10-25-89	

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

P 938 762 722

**RECEIPT FOR CERTIFIED MAIL**  
 NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Sent to Mr. Kenneth L. Wood, TPS Technologies	
Street and No. 2070 S. Orange Blossom Trail	
P.O., State and ZIP Code Apopka, FL 32703	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 10-23-89 Permit: AC 48-166172 AC 48-166605 - 611	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

## STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMITS

Mr. Kenneth L. Wood, Vice-President  
TPS Technologies, Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

October 19, 1989

Enclosed are construction permit Nos. AC 48-166172 and AC 48-166605 through AC 48-166611 for eight portable 25 TPH soil remediation units which may be operated in any county in Florida. These permits are issued pursuant to Section 403, Florida Statutes.

Any party to these permits has the right to seek judicial review of these permits pursuant to Section 120.68, Florida Statutes, 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 Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; 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 days from the date these permits are filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

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

Copy furnished to:

Gordon Dean, BWC  
District Air Program Directors  
County Program Air Sections  
Stephen Neck, P.E.  
Blair Dominiak, TPS  
Bruce Miller, EPA

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on 10/23/89.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Kurt Japer  
Clerk

10/23/89  
Date



Final Determination

TPS Technologies Inc.  
Apopka, Orange County, Florida

25 TPH Soil Remediation Units  
Statewide Operation

Permit Numbers:

AC 48-166172  
AC 48-166605  
AC 48-166606  
AC 48-166607  
AC 48-166608  
AC 48-166609  
AC 48-166610  
AC 48-166611

Unit Serial Numbers:

SRU-200P-103  
SRU-200P-104  
SRU-200P-105  
SRU-200P-106  
SRU-200P-107  
SRU-200P-108  
SRU-200P-109  
SRU-200P-110

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

October 16, 1989

## Final Determination

The Technical Evaluation and Preliminary Determination for the permits to construct eight portable 25 TPH soil remediation units for TPS Technologies, Inc. was distributed on August 30, 1989. Copies of the evaluation were available for public inspection at all approved local programs, all Department's district offices, and the Bureau of Air Regulation. The Notice of Proposed Agency Action for these permits was published in newspapers that had circulation in every county in Florida.

The applicant submitted comments on the proposed permits. Their comments and the Department's responses are as follows:

1. The applicant requested the Department delete the restriction on hours per year operation for each unit in Specific Condition No. 3. The Department restricted operation time for each unit so that the permitted VOC emissions would not exceed 100 TPY and subject the remediation units to different regulations. The applicant stated that higher destruction efficiencies of the VOC by the afterburner than proposed in the applications would allow additional operation time before the emissions from a unit would exceed 100 TPY.

The Department denies this request as the actual destruction efficiency of the afterburner has not been established by tests. If test data shows the afterburner consistently operates at destruction efficiency higher than was proposed in the application, the Department will consider a future request to amend these permits to allow more annual operation time at the higher afterburner destruction efficiency.

2. The applicant requested the Department define the "reasonable assurance" required by Specific Condition No. 6 that the contaminated soil contains only virgin petroleum products.

The intent of the Department is for the applicant to obtain a written statement from the site operator that only virgin petroleum products or used oil were handled at the site. If such a statement cannot be obtained, then tests would be required to show that the site did not contain hazardous waste. The specific tests required would depend on the history of the site.

3. The applicant requested that Specific Condition No. 7 be changed to exclude the required analysis for soils contaminated with only virgin petroleum products. These analyses are needed to show if used oils are within specification. They are not needed for virgin petroleum products.

The Department agrees to this request and has modified Specific Condition No. 7.

4. The applicant requested that the Department increase the maximum allowable hydrocarbon content of the soil if the destruction efficiency of the afterburner is higher than was proposed in the applications.

This request is similar to the one discussed in item 1, above, and the Department's response is similar. The Department will consider a future request to amend these permits to treat soils with a higher hydrocarbon content if tests show the destruction efficiency of the afterburners are consistently higher than was proposed in the applications.

5. The applicant stated that he could not be responsible for any activity done at a site before they accepted a project or after they had provided the services they contracted for. The specific activities addressed were excavation and storage of contaminated soil and disposal of clean soil handled by other contractors.

The Department agrees that the applicant cannot be held responsible for work performed by other contractors and has reworded Specific Condition No. 13 and 20 to clarify this intent.

6. The applicant commented that the 15 day notice required before his units can be relocated placed him at a competitive disadvantage and prohibited him for treating "emergency response" jobs.

The Bureau of Air Regulation believes that a 15 day notice to the District Air Program Administrator is needed to review the new site and transfer the operation permit. In order to make the process easier for the applicant, if the Department is given the 15 day notice and the applicant is not advised by the Department that there is a problem, the applicant can begin operating at the new site. The applicant can ask the District for a faster approval if it is necessary for competitive or other reasons. For an emergency response site, the applicant shall notify the Department as soon as they decide to remediate the site, and the Department can authorize operation at the new site. This change allows for operation without official Department approval and only prohibits operation when the Department indicates the unit cannot be operated at a specific site. Specific Conditions 7 and 24 have been changed to allow for easier and faster approval at a proposed site.

The final action of the Department will be to issue the construction permits as proposed in the Technical Evaluation and Preliminary Determination except for the changes discussed above.

**TPS** Thermo Process Systems Inc.  
Holcroft Inc.  
TPS Technologies Inc.

12068 Market Street  
Livonia, Michigan 48150 U.S.A.

Telephone: (313) 591-1000  
FAX: (313) 591-6443

October 3, 1989

Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, FLA 32399-2400

RECEIVED  
OCT 5 1989  
DER-644

ATTN: Mr. C.H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality Management

RE: Technical Evaluation and Preliminary Determination  
Permit Nos. AC48-166172 and AC48-166605 to 611

Dear Mr. Fancy:

TPS Technologies is in receipt of the document entitled "Technical Evaluation and Preliminary Determination," dated August 30, 1989, regarding permits for the statewide operation of eight (8) mobile Soil Remediation Units (SRU). The following comments will serve as a formal reply to the permit conditions detailed in that document:

1. We request that the Department consider omitting the second sentence of Specific Condition 3, limiting total operating time to 7800 hours for multiple units at one site. We believe this issue is more precisely addressed in Specific Condition 4, where total operating time for multiple units at a site is limited to an equivalent annual emissions rate of less than 100 TPY of VOC's. 7800 hours only applies if the destruction efficiency (DE) of our SRU is 90%. Higher DE's should allow for more total operating hours.
2. We request a definition of "reasonable assurance," as mentioned in Specific Condition 6. It is our understanding that oral verification that a site is contaminated only with virgin petroleum products is considered "reasonable

assurance". When this type of verification is not possible, are any additional tests required beyond those listed in Specific Condition 7?

3. We propose that virgin petroleum products be excluded from the analysis requirement in Specific Condition 7. We further suggest that the word "used" follow "on-spec" in the first sentence of Specific Condition 7, and that both words be applied to the petroleum products mentioned in the second sentence.
4. We propose that a provision be added to Specific Condition 11 that would increase the allowable average total hydrocarbon concentration in the contaminated soil above 5000 ppm if the DE of the SRU is determined to be greater than 90%.
5. The actions required in Specific Condition 20 to prevent contaminated runoff from the untreated soil piles are generally not within TPS Technologies' scope of work. We are typically contracted to do only the thermal remediation work at a site. In fact, in most cases, the site is excavated prior to our arrival. It is our opinion, therefore, that precautions to prevent contaminated runoff are better addressed in the site owner's Remedial Action Plan.

In the event that for a particular project, excavation work and/or soil hauling (see Specific Condition 13) is included in TPS Technologies' scope of work, we will abide by the requirements set forth in Specific Conditions 13 and 20. If, however, such activities are not in our or our sub-contractor's scope of work, we cannot accept responsibility for fugitive emissions due to soil hauling or contaminated runoff due to improper use of impermeable barriers or waterproof covers.

In addition, it is our understanding that waterproof covers are to be in place only for contaminated soil piles that are awaiting treatment. The daily working pile would not require covering.

6. As mentioned above, it has been our experience that most petroleum contaminated sites are excavated in advance of our arrival on-site. The excavation usually takes place in

**Best Available Copy**

October 3, 1989  
Page 3

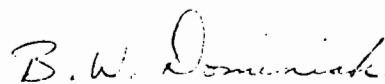
conjunction with the contamination assessment activity, where the concentration level and the boundaries of the plume are established. Typically, it is at this point that the site's owner or general contractor will select a remediation contractor.

TPS Technologies believes that we are at a significant competitive disadvantage due to the advance notification requirements of Specific Conditions 7 and 24. Because of a potential loss of revenues, several site owners have told us that they need the site to be put back into operation as quickly as possible. They will often choose a less environmentally sound remediation technology, such as an asphalt plant, due to our lengthy notification period. While we must wait to begin work, our competitors are able to transport the contaminated soil to their plants for processing. With our competition, the owner can quickly return his site to normal operation; while with us, his site is idle for 15 days.

A similar problem exists when we are considered for "emergency response" jobs. Certainly, our mobile technology is ideally suited for such sites. Yet, we are often dismissed from consideration due to the 15 day waiting period. For this and the above reasons, we strongly suggest that Specific Conditions 7 and 24 be amended from 15 days to 5 days advance notice.

It is our hope that the above requests meet with the Department's approval. If further discussion is warranted on any of the issues raised in this letter, please do not hesitate to contact me at (313) 591-1000, ext. 218. The immediate resolution of these permit issues is of vital importance to our company.

Respectfully,



Blair W. Dominiak  
Manager, Regulatory Compliance

BWD:ss

cc: J.L. Powell, TPS Technologies  
K.L. Wood, TPS Technologies

*J.L. Powell*



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers:** AC 48-166611  
**Expiration Date:** January 31, 1992  
**County:** Statewide Operation  
**Project:** 25 TPH Portable Rotary  
Kiln/Afterburner System, Serial  
Number SRU-200P-110

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a 25 TPH portable rotary kiln/afterburner system. The unit consists of a contaminated soil feed and weigh mechanism, rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, an afterburner with a 19 ft. high, 4' x 2.2' stack that handles approximately 39,000 acfm at 1400°F, and associated equipment mounted on a truck bed.

The units may operate throughout the state (all counties) after transfer of a valid permit to operate that authorizes its use at the new location.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received on June 12, 1989.
2. TPS letter dated October 3, 1989



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers:** AC 48-166610  
**Expiration Date:** January 31, 1992  
**County:** Statewide Operation  
**Project:** 25 TPH Portable Rotary  
Kiln/Afterburner System, Serial  
Number SRU-200P-109

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

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# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers:** AC 48-166609  
**Expiration Date:** January 31, 1992  
**County:** Statewide Operation  
**Project:** 25 TPH Portable Rotary  
Kiln/Afterburner System, Serial  
Number SRU-200P-108

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

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The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

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2. TPS letter dated October 3, 1989



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers:** AC 48-166608  
**Expiration Date:** January 31, 1992  
**County:** Statewide Operation  
**Project:** 25 TPH Portable Rotary  
Kiln/Afterburner System, Serial  
Number SRU-200P-107

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

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The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

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Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers:** AC 48-166607  
**Expiration Date:** January 31, 1992  
**County:** Statewide Operation  
**Project:** 25 TPH Portable Rotary  
Kiln/Afterburner System, Serial  
Number SRU-200P-106

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

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The units may operate throughout the state (all counties) after transfer of a valid permit to operate that authorizes its use at the new location.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

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# Florida Department of Environmental Regulation

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Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers:** AC 48-166606  
**Expiration Date:** January 31, 1992  
**County:** Statewide Operation  
**Project:** 25 TPH Portable Rotary  
Kiln/Afterburner System, Serial  
Number SRU-200P-105

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

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The units may operate throughout the state (all counties) after transfer of a valid permit to operate that authorizes its use at the new location.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received on June 12, 1989.
2. TPS letter dated October 3, 1989



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers: AC 48-166605**  
**Expiration Date: January 31, 1992**  
**County: Statewide Operation**  
**Project: 25 TPH Portable Rotary**  
**Kiln/Afterburner System, Serial**  
**Number SRU-200P-104**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a 25 TPH portable rotary kiln/afterburner system. The unit consists of a contaminated soil feed and weigh mechanism, rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, an afterburner with a 19 ft. high, 4' x 2.2' stack that handles approximately 39,000 acfm at 1400°F, and associated equipment mounted on a truck bed.

The units may operate throughout the state (all counties) after transfer of a valid permit to operate that authorizes its use at the new location.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

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# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

**Permit Numbers:** AC 48-166172  
**Expiration Date:** January 31, 1992  
**County:** Statewide Operation  
**Project:** 25 TPH Portable Rotary  
Kiln/Afterburner Systems, Serial  
Number SRU-200P-103

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a 25 TPH portable rotary kiln/afterburner system. The unit consists of a contaminated soil feed and weigh mechanism, rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, an afterburner with a 19 ft. high, 4' x 2.2' stack that handles approximately 39,000 acfm at 1400°F, and associated equipment mounted on a truck bed.

The units may operate throughout the state (all counties) after transfer of a valid permit to operate that authorizes its use at the new location.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received on June 12, 1989.
2. TPS letter dated October 3, 1989

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992

**GENERAL CONDITIONS:**

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.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of 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.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement 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.

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.

**PERMITTEE:**  
TPS Technologies Inc.

**Permit Numbers:** AC 48-166172  
AC 48-166605-611  
**Expiration Date:** January 31, 1992

**GENERAL CONDITIONS:**

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.

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 any 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.

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.



PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992

**GENERAL CONDITIONS:**

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.

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 proscribed 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.

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, 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.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

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.

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992

**GENERAL CONDITIONS:**

- 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 for 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:
- the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the dates analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

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.

**SPECIFIC CONDITIONS:**

1. The permittee shall furnish the available information listed in Specific Condition No. 24 prior to operating the portable rotary kiln/afterburner system at its initial site. This permit requires compliance with any applicable local (county) regulations.

2. Only LP gas and No. 2 fuel oil containing a maximum of 0.5% sulfur shall be used as fuel for this unit. Maximum permitted fuel oil consumption is 266 GPH (37 MMBtu/hr).

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
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**SPECIFIC CONDITIONS:**

3. This unit shall be allowed to operate 24 hours per day, 7 days per week, but not more than 7800 hours in any 12 month period. Total annual operating time for all units at any specific site shall not exceed 7800 hours in any 12 month period. The permittee shall maintain a log that shows the unit's operation time during the preceding 12 months. All required records may be kept at the permittee's office in Apopka, Florida, but must be available for inspection at the job site for the unit within 3 working days of a request by the Department.

4. More than one portable rotary kiln/afterburner system shall not be operated at the same site without prior approval of the District Air Program Administrator. Any authorization will restrict total operation time to the hours that are equivalent to an annual permitted emissions of less than 100 TPY VOC and the allowable emissions to quantities that will not exceed the AAC or other concentrations needed to protect public health and safety. The permittee shall maintain operation logs to show compliance with any approval given by the Department.

5. Maximum soil charging rate to the unit shall not exceed 25 TPH. The permittee shall have means to determine the feed or production rate on site.

6. Only soils contaminated with virgin (non-recycled) petroleum products, "on-spec" used oil (see Specific Condition No. 7), toluene, xylene, and ethyl benzene shall be treated in this unit unless otherwise approved by the County or District Air Program Administrator. The portable rotary kiln/afterburner system shall neither be used to thermally process materials that are listed in 40 CFR 261.31, 261.32, 261.33 (revised as of July 1, 1988) nor materials that have the hazardous characteristics of corrosivity, reactivity, EP toxicity, and ignitability. Prior to the acceptance of contaminated materials for processing, the permittee shall provide the Department with reasonable assurance that the soil is contaminated with only virgin petroleum products, i.e., certification from the generator that the material is not classified as a hazardous waste pursuant to the federal regulations cited in this specific condition. To obtain approval to treat soils contaminated with other materials, the permittee shall submit soil analysis results and calculations to the Local or District Air Program Administrator which show the impact of the emissions will not exceed the acceptable ambient air concentration (AAC) or violate any permit condition or regulation.

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
AC 48-166605-611  
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**SPECIFIC CONDITIONS:**

7. The following constituents of the "on-spec" petroleum products that contaminated the soil shall not be exceeded:

<u>Constituent</u>	<u>Allowable Level (max. ppm in oil)</u>
Arsenic	5
Cadmium	2
Chromium	10
Lead	100
Total Halogens	4000

To demonstrate compliance with Specific Condition No. 7, the used petroleum product(s) responsible for contamination of the soil shall be tested for the listed contaminants. Test results shall be sent to the appropriate Department district office and approved local program. Soil contaminated with "off-spec" oil shall not be treated prior to obtaining approval from the district or county air program engineer.

8. Unless the Department has determined other concentrations are required to protect public health and safety, predicted ambient air impact of any toxic pollutant, as determined by the PTPLU 6 model or other DER BAQM approved models, shall not exceed the concentration calculated by the following formula:

$$AAC = \frac{40}{X} \cdot \frac{1}{\text{safety factor}} \cdot (\text{OEL})$$

where,

AAC = acceptable ambient concentration

Safety Factor = 100 for category A substances and  
50 for category B substances

X = 40 or the hours/week or actual operation,  
whichever is larger

OEL - Occupational exposure level such as ACGIH, OSHA,  
and NIOSH published standards for toxic materials.

(TWA-TLV) is the threshold limit value (8 hrs/day,  
40 hrs/wk) maximum exposure concentration considered  
safe for workers by the ACGIH.

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TPS Technologies Inc.

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**SPECIFIC CONDITIONS:**

Data in the application shows that, for continuous operation, an emission of 1 gram/sec will have a maximum ambient impact of  $9 \times 10^{-3}$  mg/m<sup>3</sup> (8 hr. avg).

$$\text{Maximum allowable Emissions (g/sec)} = \frac{\text{AAC mg/m}^3}{9 \times 10^{-3}}$$

9. Benzene emissions shall not exceed 6.3 lbs/hr. Total VOC emissions shall not exceed 25 lbs/hr. Compliance shall be determined from soil analysis, production rate, and the afterburner destruction efficiency which is established by Method 25 tests (40 CFR 60, Appendix A, revised as of July 1, 1988).

10. Sampling and analysis of the contaminated soil at each site, based on the procedures prescribed in SW-846, shall be conducted prior to remediation. Minimum number of composite samples for analysis for benzene and volatile organic compounds (VOC) at each site prior to remediation shall be as follows:

<u>Soil Quantity (yards<sup>3</sup>)</u>	<u>No. of Composite Samples</u>
Less than 100	1
100 to 500	3
500 to 1000	5
Over 1000	9

The degree of treatment of the soil and its disposal must comply with the Bureau of Waste Cleanup policy. Presently, this requires that the soil exiting the dryer be sampled on an hourly basis during operation and an analysis of a daily composite sample made up of the hourly samples shall be performed for benzene, toluene, ethyl benzene, and xylene concentration using EPA Method 5030/8020, and total recoverable petroleum hydrocarbon concentration using EPA Method 418.1. Records shall be kept on the date, time, and number of samples taken for each composite sample. Test results shall be sent to the appropriate Department district office and approved local air program within 15 working days of such testing. All soil samples taken at the remediation site and exiting the soil dryer shall be stored in a sealed glass container immediately upon sampling. Disposal of the treated soil must comply with the Bureau of Waste Cleanup policy on remedial action at petroleum contaminated sites.

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992

**SPECIFIC CONDITIONS:**

11. Any analysis required by Specific Condition No. 10 which indicates a potential violation of any condition in this permit shall be reported as soon as feasible to the appropriate Department's District Air Program Administrator and DER approved local air program. An average concentration of benzene above 1,252 ppm in the soil or total hydrocarbons above 5,000 ppm indicate a violation of this permit. The soil may be decontaminated provided no condition of this permit is violated. This can be accomplished by operating at less than the 25 TPH production rate, or other means with prior approval of the Department. The permittee must propose the method of compliance with this permit.

12. The operation of this source shall not result in the emissions of air pollutants which cause or contribute to an objectionable odor pursuant to F.A.C. Rule 17-2.600(c)2. 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 pursuant to F.A.C. Rule 17-2.100(131).

13. Reasonable precautions shall be used by the permittee to minimize unconfined emissions of particulate matter generated by his operation (F.A.C. Rule 17-2.610(3)). This includes hauling the soil in covered trucks and keeping the work areas wet where the soil is being removed and treated when this work is the responsibility of the permittee.

14. The stack sampling facilities must comply with F.A.C. Rule 17-2.700(4).

15. Particulate matter emissions from this process shall neither exceed 0.08 grains/dscf corrected to 50% excess air nor 3.0 lbs/hr. Visible emissions from any part of the process shall not exceed 5% opacity. The exhaust stack for this process must be tested concurrently for particulate matter and visible emissions by EPA Methods 5 and 9 pursuant to 40 CFR 60, Appendix A, revised as of July 1, 1988, within 5 days after placing the unit in commercial operation under this permit and annually thereafter. Operating at each subsequent site requires a Method 9 test to be performed within 3 days of placing the unit in service.

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Permit Numbers: AC 48-166172  
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Expiration Date: January 31, 1992

**SPECIFIC CONDITIONS:**

16. This source must be tested at the maximum process weight rate at which the permittee intends to operate. Operation at rates that are more than 10 percent above the tested rate will require the Department to be notified and, within 15 days, the source must be tested for compliance at this higher rate by appropriate test methods. The unit shall not operate above the maximum permitted rate of 25 TPH.

17. 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 Chapter 17-2, F.A.C., or in this permit is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the Department.

18. The appropriate Department district office and, if applicable, the Department approved local air program office, shall be notified in writing at least 15 days in advance of any compliance test to be conducted on this source.

19. A differential pressure gauge to measure the pressure drop across the baghouse and a thermocouple to measure the temperature in the afterburner shall be installed on this unit and its readings recorded during any compliance test.

20. Any activity performed by the permittee at a site shall not result in the discharge of liquid effluent or contaminated runoff to surface or ground water without prior approval from the Department. Untreated soil removed from the ground by the permittee shall be stored under waterproof covers and on an impermeable surface.

21. The system shall be properly operated and maintained (Rule 17-2.210(2), F.A.C.). No person shall circumvent any pollutant control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly (Rule 17-2.240, F.A.C.).

22. All required test reports, except stack test for PM and VOC, shall be filed with the Department as soon as practical but no later than 15 working days after the last sampling run of each

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TPS Technologies Inc.

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test is completed (F.A.C. Rule 17-2.700 (7)(a), (b) and (c)). Stack test results shall be submitted within 45 days of the test.

23. The construction shall reasonably conform to the plans and schedule submitted in the application.

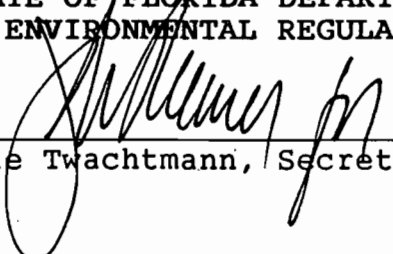
24. This unit shall not be operated at any other site until the applicant has requested authorization at the new site. Whenever feasible, the request shall be at least 15 days prior to operation at the new site. The permittee shall notify the Air Program Administrator in the appropriate Department District office and approved local air program that the unit is being relocated. This notification shall provide the permit number of the unit, a copy of the last stack test report, the date of the proposed move, the new site for the unit, and the locations and contamination levels of the soils to be treated. The District shall notify the permittee of any new conditions the unit must meet within 15 days of the receipt of the relocation notice. The unit is permitted to operate in any county in Florida.

25. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. 17-4.090).

26. An application for an operation permit must be submitted to the District office where the initial compliance tests were conducted and the Bureau of Air Regulation office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. 17-4.220).

Issued this 17<sup>th</sup> day  
of October, 1989

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
Dale Twachtmann, Secretary





# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

Permit Numbers:\* AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992  
County: Statewide Operation  
Project: 25 TPH Portable Rotary  
Kiln/Afterburner Systems

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct eight 25 TPH portable rotary kiln/afterburner systems. Each unit consists of a contaminated soil feed and weigh mechanism, rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, an afterburner with a 19 ft. high, 4' x 2.2' stack that handles approximately 39,000 acfm at 1400°F, and associated equipment mounted on a truck bed.

The units may operate throughout the state (all counties) after transfer of a valid permit to operate that authorizes its use at the new location.

The source shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received BAQM on June 12, 1989.

\*

Permit Numbers:

AC 48-166172  
AC 48-166605  
AC 48-166606  
AC 48-166607  
AC 48-166608  
AC 48-166609  
AC 48-166610  
AC 48-166611

Unit Serial Numbers:

SRU-200P-103  
SRU-200P-104  
SRU-200P-105  
SRU-200P-106  
SRU-200P-107  
SRU-200P-108  
SRU-200P-109  
SRU-200P-110

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
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**GENERAL CONDITIONS:**

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.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of 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.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement 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.

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.

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**GENERAL CONDITIONS:**

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.

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 any 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.

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.

PERMITTEE:  
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**GENERAL CONDITIONS:**

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.

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 proscribed 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.

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, 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.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

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 for 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.

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
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Expiration Date: January 31, 1992

**GENERAL CONDITIONS:**

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

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.

**SPECIFIC CONDITIONS:**

1. The permittee shall furnish the available information listed in Specific Condition No. 24 prior to operating the portable rotary kiln/afterburner system at its initial site. This permit requires compliance with any applicable local (county) regulations.

2. Only LP gas and No. 2 fuel oil containing a maximum of 0.5% sulfur shall be used as fuel for this unit. Maximum permitted fuel oil consumption is 266 GPH (37 MMBtu/hr).

3. This unit shall be allowed to operate 24 hours per day, 7 days per week, but not more than 7800 hours in any 12 month period. Total annual operating time for all units at any specific site shall not exceed 7800 hours in any 12 month period. The permittee shall maintain a log that shows the unit's operation time during the preceeding 12 months. All required records may be kept at the permittee's office in Apopka, Florida, but must be available for inspection at the job site for the unit within 3 working days of a request by the Department.

4. More than one portable rotary kiln/afterburner system shall not be operated at the same site without prior approval of the District Air Program Administrator. Any authorization will restrict total operation time to the hours that are equivalent to an annual permitted emissions of less than 100 TPY VOC and the allowable emissions to quantities that will not exceed the AAC or

PERMITTEE:  
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Expiration Date: January 31, 1992

**SPECIFIC CONDITIONS:**

other concentrations needed to protect public health and safety. The permittee shall maintain operation logs to show compliance with any approval given by the Department.

5. Maximum soil charging rate to the unit shall not exceed 25 TPH. The permittee shall have means to determine the feed or production rate on site.

6. Only soils contaminated with virgin (non-recycled) petroleum products, "on-spec" used oil (see Specific Condition No. 7), toluene, xylene, and ethyl benzene shall be treated in this unit unless otherwise approved by the County or District Air Program Administrator. The portable rotary kiln/afterburner system shall neither be used to thermally process materials that are listed in 40 CFR 261.31, 261.32, 261.33 (revised as of July 1, 1988) nor materials that have the hazardous characteristics of corrosivity, reactivity, EP toxicity, and ignitability. Prior to the acceptance of contaminated materials for processing, the permittee shall provide the Department with reasonable assurance that the soil is contaminated with only virgin petroleum products, i.e., certification from the generator that the material is not classified as a hazardous waste pursuant to the federal regulations cited in this specific conditions. To obtain approval to treat soils contaminated with other materials, the permittee shall submit soil analysis results and calculations to the County or District Air Program Administrator which show the impact of the emissions will not exceed the acceptable ambient air concentration (AAC) or violate any permit condition or regulation.

7. The following constituents of the virgin or "on-spec" petroleum products that contaminated the soil shall not be exceeded:

<u>Constituent</u>	<u>Allowable Level (max. ppm in oil)</u>
Arsenic	5
Cadmium	2
Chromium	10
Lead	100
Total Halogens	4000

To demonstrate compliance with Specific Condition No. 7, the petroleum product(s) responsible for contamination of the soil shall be tested for the listed contaminants. Test results shall be sent to the appropriate Department district office and approved local program at least 15 days prior to any soil remediation. This test may be waived by regulatory agencies if the owner or operator of the site can demonstrate that only virgin petroleum products are responsible for contamination of the site.

PERMITTEE:  
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Permit Numbers: AC 48-166172  
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**SPECIFIC CONDITIONS:**

8. Unless the Department has determined other concentrations are required to protect public health and safety, predicted ambient air impact of any toxic pollutant, as determined by the PTPLU 6 model or other DER BAQM approved models, shall not exceed the concentration calculated by the following formula:

$$AAC = \frac{40}{X} \cdot \frac{1}{\text{safety factor}} \cdot (\text{OEL})$$

where,

AAC = acceptable ambient concentration

Safety Factor = 100 for category A substances and  
50 for category B substances

X = 40 or the hours/week or actual operation,  
whichever is larger

OEL - Occupational exposure level such as ACGIH, OSHA,  
and NIOSH published standards for toxic materials.

(TWA-TLV) is the threshold limit value (8 hrs/day,  
40 hrs/wk) maximum exposure concentration considered  
safe for workers by the ACGIH.

Data in the application shows that, for continuous  
operation, an emission of 1 gram/sec will have a maximum  
ambient impact of  $9 \times 10^{-3}$  mg/m<sup>3</sup> (8 hr. avg).

$$\frac{\text{Maximum allowable Emissions (g/sec)}}{9 \times 10^{-3} \text{ mg/m}^3} = \frac{\text{AAC mg/m}^3}{\text{mg/m}^3}$$

9. Benzene emissions shall not exceed 6.3 lbs/hr. Total VOC emissions shall not exceed 25 lbs/hr. Compliance shall be determined from soil analysis, production rate, and the afterburner destruction efficiency which is established by Method 25 tests (40 CFR 60, Appendix A, revised as of July 1, 1988).

10. Sampling and analysis of the contaminated soil at each site, based on the procedures prescribed in SW-846, shall be conducted prior to remediation. Minimum number of composite samples for analysis for benzene and volatile organic compounds (VOC) at each site prior to remediation shall be as follows:

PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
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Expiration Date: January 31, 1992

**SPECIFIC CONDITIONS:**

<u>Soil Quantity (yards<sup>3</sup>)</u>	<u>No. of Composite Samples</u>
Less than 100	1
100 to 500	3
500 to 1000	5
Over 1000	9

The degree of treatment of the soil and its disposal must comply with the Bureau of Waste Cleanup policy. Presently, this requires that the soil exiting the dryer be sampled on an hourly basis during operation and an analysis of a daily composite sample made up of the hourly samples shall be performed for benzene, toluene, ethyl benzene, and xylenes concentration using EPA Method 5030/8020, and total recoverable petroleum hydrocarbon concentration using EPA Method 418.1. Records shall be kept on the date, time, and number of samples taken for each composite sample. Test results shall be sent to the appropriate Department district office and approved local air program within 15 working days of such testing. All soil samples taken at the remediation site and exiting the soil dryer shall be stored in a sealed glass container immediately upon sampling. Disposal of the treated soil must comply with the Bureau of Waste Cleanup policy on remedial action at petroleum contaminated sites.

11. Any analysis required by Specific Condition No. 10 which indicates a potential violation of any condition in this permit shall be reported as soon as feasible to the appropriate Department's District Air Program Administrator and DER approved local air program. An average concentration of benzene above 1,252 ppm in the soil or total hydrocarbons above 5,000 ppm indicate a violation of this permit. The soil may be decontaminated provided no condition of this permit is violated. This can be accomplished by operating at less than the 25 TPH production rate, or other means with prior approval of the Department. The permittee must propose the method of compliance with this permit.

12. The operation of this source shall not result in the emissions of air pollutants which cause or contribute to an objectionable odor pursuant to F.A.C. Rule 17-2.600(c)2. 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 pursuant to F.A.C. Rule 17-2.100(131).



PERMITTEE:  
TPS Technologies Inc.

Permit Numbers: AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992

**SPECIFIC CONDITIONS:**

13. Reasonable precautions shall be used to minimize unconfined emissions of particulate matter generated by this operation (F.A.C. Rule 17-2.610(3)). This includes hauling the soil in covered trucks and keeping the work areas wet where the soil is being removed and treated.

14. The stack sampling facilities must comply with F.A.C. Rule 17-2.700(4).

15. Particulate matter emissions from this process shall neither exceed 0.08 grains/dscf corrected to 5% excess air nor 3.0 lbs/hr. Visible emissions from any part of the process shall not exceed 5% opacity. The exhaust stack for this process must be tested concurrently for particulate matter and visible emissions by EPA Methods 5 and 9 pursuant to 40 CFR 60, Appendix A, revised as of July 1, 1988, within 5 days after placing the unit in commercial operation under this permit and annually thereafter. Operating at each subsequent site requires a Method 9 test to be performed within 3 days of placing the unit in service.

16. This source must be tested at the maximum process weight rate at which the permittee intends to operate. Operation at rates that are more than 10 percent above the tested rate will require the Department to be notified and, within 15 days, the source must be tested for compliance at this higher rate by appropriate test methods. The unit shall not operate above the maximum permitted rate of 25 TPH.

17. 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 Chapter 17-2, F.A.C., or in this permit is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the Department.

18. The appropriate Department district office and, if applicable, the Department approved local air program office, shall be notified in writing at least 15 days in advance of any compliance test to be conducted on this source.

19. A differential pressure gauge to measure the pressure drop across the baghouse and a thermocouple to measure the temperature in the afterburner shall be installed on this unit and its readings recorded during any compliance test.

**PERMITTEE:**  
TPS Technologies Inc.

**Permit Numbers:** AC 48-166172  
AC 48-166605-611  
**Expiration Date:** January 31, 1992

**SPECIFIC CONDITIONS:**

20. There shall be no discharge of liquid effluent or contaminated runoff to surface or ground water without prior approval from the Department. Untreated soil removed from the ground shall be stored under waterproof covers and on an impermeable surface.

21. The system shall be properly operated and maintained (Rule 17-2.210(2), F.A.C.). No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly (Rule 17-2.240, F.A.C.).

22. All required test reports, except stack test for PM and VOC, shall be filed with the Department as soon as practical but no later than 15 working days after the last sampling run of each test is completed (F.A.C. Rule 17-2.700 (7)(a), (b) and (c)). Stack test results shall be submitted within 45 days of the test.

23. The construction shall reasonably conform to the plans and schedule submitted in the application.

24. This unit shall not be operated at any other site until its operation permit is transferred to authorize its use at the new site. At least 15 days prior to relocating the unit, the permittee shall notify the Air Program Administrator in the appropriate Department District office and approved local air program that the unit is being relocated. This notification shall provide the permit number of the unit, a copy of the last stack test report, the date of the proposed move, the new site for the unit, and the locations and contamination levels of the soils to be treated. The unit is permitted to operate in any county in Florida.

25. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the BAQM prior to 60 days before the expiration of the permit (F.A.C. 17-4.090).

26. An application for an operation permit must be submitted to the District office where the initial compliance tests were conducted and the BAQM office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. 17-4.220).

PERMITTEE:  
TPS Technologies Inc.

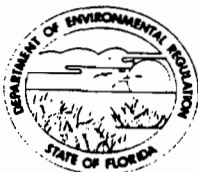
Permit Numbers: AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992

Issued this \_\_\_\_\_ day  
of \_\_\_\_\_, 1989

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

---

Dale Twachtmann, Secretary



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Dale Twachtmann

*FA* FROM: Steve Smallwood *Steve Smallwood*

DATE: October 16, 1989

SUBJ: Approval of Construction Permits for TPS, Inc.  
Permits Nos. AC 48-166172 and -166605 thru -166611

Attached for your approval and signature are permits prepared by Bureau of Air Regulation for the above mentioned company to construct eight portable 25 TPH soil remediation units for operation throughout the state.

Comments from the applicant were received during the public notice period.

Day 90, after which these permits will be issued by default, is November 1, 1989.

I recommend your approval and signature.

Attachments

SS/WH/plm

*Please call  
Patty Adams  
when signed  
8-1344*

**RECEIVED**

OCT 16 1989

Office of the Secretary

*W. Hanks.*



2070 South Orange Blossom Trail  
Apopka, Florida 32703

October 19, 1989

(407) 886-2000  
Fax: (407) 886-8300

Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, FLA 32399-2400

ATTN: Mr. Donald R. Ehlenbeck, P.E.  
Engineering Support Section  
Bureau of Waste Cleanup

RE: Petroleum Contaminated Soil Remediation Policy

Dear Mr. Ehlenbeck:

We would like to take this opportunity to thank you and the other participants for meeting with us to discuss Florida's pending Soil Remediation Policy revisions. We found the August 4th meeting to be both informative and productive, and trust you did the same.

As you may recall, Thermo Electron, our parent corporation, specializes in leading edge technology for environmental services and equipment. We are a broad-based company with annual sales of \$600 million and are currently expanding our soil treatment services business through our TPS subsidiary.

TPS, in March of this year, acquired the remediation business of Florida Petroleum Services, Inc. Currently, we have permits for the statewide operation of three (3) remediation units in Florida. We have recently received a preliminary draft of our new permits for eight (8) more units. In addition, we are permitted and operating in several other states.

TPS designs, manufactures and operates mobile equipment for the on-site thermal treatment of hazardous and non-hazardous waste. The equipment we utilize for treating petroleum contaminated soils is a self-contained, single-trailer system known as a Soil Remediation Unit (SRU). The SRU arrives on-site and is set-up and operating within sixty minutes. The soil, which is usually excavated and stockpiled prior to our arrival on-site, is processed in the unit and then returned to the excavated area.

An SRU consists of a feed weighing mechanism, a heating chamber for the volatilizing the contaminants in the soil, a baghouse for particulate removal and an afterburner for the combustion of hydrocarbons. Our heating chamber has the capability of heating the incoming soil to 700° F. This is

often required to properly decontaminate soils containing high-boiling point petroleum fractions, such as those found in diesel and No. 2 fuel oil. Our 1400° F afterburner fully oxidizes the liberated VOC's to produce carbon dioxide and water vapor.

Since our SRU's operate on-site, the transportation of petroleum-laden soils across the state and its accompanying liability are eliminated. In most cases, the contaminated soil, after processing, is returned to its original location. Therefore, a complicated soil tracking system is not required. In the event of a future problem, the exact location of that soil is known.

Based on years of experience in decontaminating soil, TPS was asked at the August 4th meeting to submit a list of recommendations for the state's new Soil Remediation Policy. The following is a statement of our specific concerns and recommendations for treating soil in the State of Florida:

1. Concern: We believe that there is more soil being treated to road bed standards today in Florida than can be used for the next ten years of road making.

Recommendation: One enforceable clean fill standard and a mandated testing procedure should be put in place for all systems remediating soil in the State of Florida. If the present multiple tier clean soil standard is to be kept, a soil tracking and reporting system should be established. Similar to a manifest system, the system should include a responsibility acceptance document signed by the person or organization receiving soils treated to less than clean-fill standards. If the soil is cleaned to the highest standards, it need not be tracked.

2. Concern: We are concerned about the effectiveness of the decontamination process in units that cannot go above a 300-350° F heating chamber temperature.

Recommendation: Systems that thermally treat petroleum contaminated soil must have the capability of heating the soil to 600-700° F.

3. Concern: Substantial inconsistency exists in permit writing among the various districts.

Recommendation: A single permitting authority should be created for all soil remediation systems. Permit variances would be issued by the same authority. We suggest that the Tallahassee office assume this responsibility.

4. Concern: Because many companies are now processing soils, a tremendous liability exists for those companies doing a less-than-adequate job.

Recommendation: Proof of financial assurance should be required by all soil processors.

5. Concern: Soil is not being stored properly. TPS knows of several treatment sites where large quantities of contaminated soil are being stored for long periods of time. At these treatment facilities, storage capacity does not match production capacity. Above-ground landfills are being created.

Recommendation: Treatment sites should be permitted to accept and store soil for no longer than thirty (30) days; storage capacity should correspond with production capacity. Storage areas should be covered and accommodations should be made for runoff collection and treatment.

6. Concern: At some sites, the VOC level of incoming soil is not comparable to the site's permitted VOC air emission level.

Recommendation: Specifications for the VOC contamination level of the incoming soil should be commensurate with the efficiency of the control device and the permitted VOC air emission level.

7. Concern: Untreated VOC emissions transfer the problem from the soil to air; air quality is adversely impacted.

Recommendation: All systems should be required to include treatment and control devices for VOC emissions; permits should specify allowable VOC emissions and limit the quantity to 90% of the emission rate potential.

8. Concern: Most treatment facilities are not required to do visible emission or particulate matter compliance testing. TPS is required to perform a Method 9 test each time the unit is moved to a new site.

Recommendation: Annual Method 5 compliance tests should be required, with a Method 9 test to be performed once a month.

9. Concern: Asphalt plants taking contaminated soil have more relaxed particulate emissions standards than mobile units remediating soil.

Recommendation: All facilities remediating petroleum contaminated soil, including asphalt plants, should have uniform particulate emission standards (particulate concentrations and mass emission rates).

10. Concern: Tons of petroleum contaminated soil are being shipped to Florida from as far away as Mississippi. Florida is becoming a "dumping ground" for other states due to less stringent regulations on soil processing.

Recommendation: Florida should take a leadership position in the regulations governing soil processing by eliminating the incentives for shipping contaminated soil into the state.

11. Concern: Some fixed sites are treating soil contaminated with trace amounts of PCB. TPS is allowed zero PCB's in the incoming soil.

Recommendation: A consistent permitting policy on soils containing trace PCB's is needed for all systems remediating petroleum contaminated soil.

12. Concern: Baghouse fines and scrubber sludges are not being treated properly. Our experience tell us that they are often still contaminated when discharged.

Recommendation: These materials need to be treated properly, subject to the same cleanliness standards as contaminated soil.

13. Concern: Not all soil treatment facilities have proper regard for the health and safety aspects of long-term exposure to contaminated soil by their by operating personnel.

Recommendation: All facilities and systems remediating soil should have enforced uniform personnel safety standards.

14. Concern: We are concerned that processing plants will delay implementation of new technology while continuing to increase their stockpiles of soil.

Recommendation: As an environmental manufacturer specializing in incineration, we believe that a six (6) month implementation period would be more than adequate. The implementation period should be relatively short since the technology is well established.

TPS Technologies is proud to be a Florida-based company. We hope these recommendations assist you in formulating a revised Soil Remediation



October 25, 1989

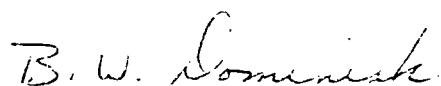
5

Policy. We believe less thorough processing options and practices will continue to be used without stricter regulations and enforcement. Thus, soil treatment technology will not advance. TPS and similar companies will be forced out of the state.

Florida has been very progressive in dealing with our contaminated soil problem. We believe that implementing the above recommendations would further strengthen the state's leadership position.

Thank you for affording us this opportunity and please do not hesitate to call us if you have any questions.

Sincerely,



Blair W. Dominiak  
Manager, Regulatory Compliance

BWD:ss

cc: Mr. Barry Andrews, P.E.; FDER/BAQM  
Mr. Michael D. Harley, P.E.; FDER/BAQM  
✓ Mr. Willard Hanks; FDER/BAQM  
Mr. J.L. Powell, TPS Technologies  
Mr. K.W. Wood, TPS Technologies  
Mr. S.N. Prakash, TPS Technologies

12068 Market Street  
Livonia, Michigan 48150 U.S. October 6, 1989

Telephone: (313) 591-1000  
FAX: (313) 591-6443

RECEIVED

OCT 9 1989

DER-BAQM

Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, FLA 32399-2400

ATTN: Mr. C.H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality Management

RE: Proof of Publication of the Notice of Intent to Issue  
Permit Nos.: AC48-166172 and AC48-16605 to 611

Dear Mr. Fancy:

Enclosed please find the document entitled "Public Notice in the State of Florida," dated October 6, 1989. In order to obtain permits for the statewide operation of eight (8) new Soil Remediation Units, TPS Technologies has published a Notice of Intent to Issue in 31 different Florida newspapers, with circulation in all 67 counties.

With this document and the written comments previously submitted to your attention on October 4, 1989, we believe that our obligations have been satisfied, pursuant to the referenced permits. However, if further information is required, please let me know.

Due to the unexpected duration of the public notice process, TPS Technologies urgently requests and appreciates the Department's timely attention to this matter.

Respectfully,

*B. W. Dominiak*

Blair W. Dominiak  
Manager, Regulatory Compliance

BWD:ss

Attachment

Best Available Copy

		<b>AIRBILL</b> <small>USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.          USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO.          QUESTIONS? CALL 800-238-5355 TOLL FREE.</small>		PACKAGE TRACKING NUMBER <b>9786218595</b>																									
Date <b>10-06-89</b>		<b>RECIPIENT'S COPY</b>																											
From (Your Name) Please Print: <b>Mr. Blair Dominiak</b>		Your Phone Number (Very Important) <b>(313) 591-1000</b>		To (Recipient's Name) Please Print: <b>Mr. C.H. Fancy, P.E.</b>																									
Company: <b>PS/HOLCROFT</b>		Department/Floor No.		Company: <b>Florida Dept. of Env. Reg.</b>																									
Street Address: <b>2068 MARKET ST</b>		City State ZIP Required <b>TUCUMCA MI 48107</b>		Department/Floor No. <b>2600 Blair Stone Road</b>																									
City State ZIP Required <b>Tallahassee FL 32300-2401</b>		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) <b>Twin Towers Office Bldg.</b>		City State ZIP Required <b>Tallahassee FL 32300-2401</b>																									
<b>3 YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)</b>				<b>IF HOLD FOR PICK-UP, Print FEDEX Address Here</b>																									
PAYMENT <input checked="" type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card <input type="checkbox"/> Cash		Street Address		City State ZIP Required																									
<b>4 SERVICES</b>		<b>DELIVERY AND SPECIAL HANDLING</b>		Emp. No. Date																									
1 <input checked="" type="checkbox"/> <b>PRIORITY 1</b> Overnight Delivery 2 <input type="checkbox"/> <b>COURIER-PAK OVERNIGHT ENVELOPE*</b> 3 <input type="checkbox"/> <b>OVERNIGHT BOX</b> 4 <input type="checkbox"/> <b>OVERNIGHT TUBE</b> 5 <input type="checkbox"/> <b>STANDARD AIR</b> Delivery not later than second business day <small>*Declared Value Limit \$100</small>		1 <input type="checkbox"/> <b>HOLD FOR PICK-UP</b> (Fill in Box #) 2 <input type="checkbox"/> <b>DELIVER WEEKDAY</b> 3 <input type="checkbox"/> <b>DELIVER SATURDAY</b> (Extra charge) 4 <input type="checkbox"/> <b>DANGEROUS GOODS</b> (Extra charge) 5 <input type="checkbox"/> <b>CONSTANT SURVEILLANCE SERVICE (CSS)</b> (Extra charge) (Release Signature Not Applicable) 6 <input type="checkbox"/> <b>DRY ICE</b> Lbs. 7 <input type="checkbox"/> <b>OTHER SPECIAL SERVICE</b> 8 <input type="checkbox"/> 9 <input type="checkbox"/> <b>SATURDAY PICK-UP</b> (Extra charge) 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> <b>HOLIDAY DELIVERY</b> (If offered) (Extra charge)		<table border="1"> <thead> <tr> <th>PACKAGES</th> <th>WEIGHT</th> <th>YOUR DECLARED VALUE</th> <th>OVER SIZE</th> </tr> </thead> <tbody> <tr> <td></td> <td>LBS</td> <td></td> <td></td> </tr> <tr> <td></td> <td>LBS</td> <td></td> <td></td> </tr> <tr> <td></td> <td>LBS</td> <td></td> <td></td> </tr> <tr> <td></td> <td>LBS</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>Total</td> <td>Total</td> <td></td> </tr> </tbody> </table>		PACKAGES	WEIGHT	YOUR DECLARED VALUE	OVER SIZE		LBS				LBS				LBS				LBS			Total	Total	Total	
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Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom.		Release Signature: <b>B.H. Dominiak/s</b>																											

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OCT 9 1989

DER-BAQM

PUBLIC NOTICE IN THE STATE OF FLORIDA

LEGAL ADVERTISEMENT FOR THE  
STATEWIDE OPERATION OF EIGHT (8)  
MOBILE SOIL  
REMEDICATION UNITS BY  
TPS TECHNOLOGIES INC.

Prepared for:

State of Florida  
Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, FLA 32301

Prepared by:

TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, FLA 32703

October 6, 1989

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NEWSPAPER GROUPS  
FLORIDA DAILIES

Ownership	Newspapers	1988	
		Total Daily	Total Sunday
The Ogden Newspapers	The Evening Breeze (Cape Coral)+	5,527	---
Park Communications, Inc.	The Daily Sun Journal (Brooksville)+	1,892	---
Royal Publishing Co.	The Palm Beacher (Palm Beach)+	4,020	---
Scripps Howard	Naples Daily News	36,006	47,836
	The Stuart News	26,230	29,847
	The Sun-Tattler (Hollywood)	35,673 ++	---
Stauffer Communications Corp.	Daily Highlander (Lake Wales)+	5,454	---
Sun Coast Media	Charlotte Sun***+	15,000	30,000
Thomson Newspapers	Clay Today (Orange Park)+	4,565	---
	Charlotte Herald-News (Punta Gorda)	6,650	---
	Jackson County Floridan (Marianna)	4,634 *	5,267 *
	Key West Citizen	7,164	9,547
Tribune Co.	Ft. Lauderdale News	54,334	---
	The Sun-Sentinel (Ft. Lauderdale)	195,669	321,651
	The Orlando Sentinel	255,497	354,245
Independents	Diaro Las Americas (Miami)+	52,608	55,614
	St. Petersburg Times	361,379 *	452,282 *
	Vero Beach Press-Journal	27,507	28,737

Note: Circulation figures are 6 month averages, except as noted

\*3 month averages

+Newspaper not audited by Audit Bureau of Circulations

\*\*Morning and Evening combined to All Day in June 1987

++Circulation estimated

\*\*\*Tri-weekly newspaper converted to Daily on September 17, 1987

Sources: Audit Bureau of Circulations, March 1988 Fas-Fax; Circulation 87/88; Editor & Publisher, 1987 International Yearbook; The Orlando Sentinel Marketing Research Department

NEWSPAPER GROUPS  
FLORIDA DAILIES

Ownership	Newspapers	1988	
		Total Daily	Total Sunday
Calkins Newspapers	The South Dade News Leader (Homestead)	13,345	---
Cox Newspapers	The Miami News	54,423	---
	The News-Journal (Daytona Beach)	87,565	104,713
	Palm Beach Daily News+	4,423	---
	The Post, The Evening Times (West Palm Beach)**	163,695	209,125
Freedom Newspapers, Inc.	News-Herald (Panama City)	35,678 *	40,256 *
	The News-Tribune (Ft. Pierce)	24,131	26,831
	Northwest Florida Daily News (Ft. Walton Beach)	33,311 *	39,767 *
Gannett Newspapers	Florida Today (Melbourne)	73,643	98,788
	Ft. Myers News-Press	87,398	112,247
	Pensacola News-Journal	57,641 *	73,121 *
Haskell Newspapers	Sanford Herald+	8,150	8,374
Hearst Newspapers	Clearwater Sun	27,290 ++	29,471 ++
Knight-Ridder Newspapers, Inc.	Boca Raton News+	16,087	17,577
	The Bradenton Herald	45,281 *	54,438 *
	The Miami Herald	430,970	538,517
	Tallahassee Democrat	56,056	67,701
Landmark Community Newspapers, Inc.	The Citrus County Chronicle (Inverness)	15,838 *	16,805 *
Media General, Inc.	The Tampa Tribune	271,288 *	362,459 *
Morris Communication Corp.	The Florida Times-Union (Jacksonville)	158,563	226,098
	Jacksonville Journal	39,625	---
	The St. Augustine Record	13,815	---
Morris Newspaper Corp.	DeLand Sun News	8,229	8,644
Multimedia Newspapers	The News-Chief (Winter Haven)	14,854	16,057
New York Times Co.	Gainesville Sun	56,146	57,549
	Lake City Reporter	9,195	---
	The Ledger (Lakeland)	82,128 *	100,840 *
	Daily Commercial (Leesburg)	31,780 *	33,414 *
	Ocala Star-Banner	45,245 *	54,095 *
	Palatka Daily News	14,006	---
	Sarasota Herald-Tribune	128,082 *	155,265 *





# Jacksonville

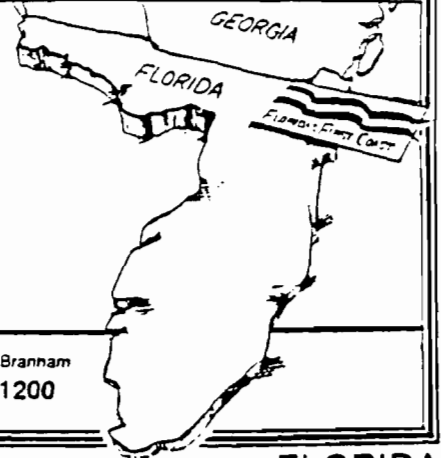
## FLORIDA'S NEW GROWTH CENTER

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### The Florida Times-Union

#### JACKSONVILLE JOURNAL

Represented by Brannan  
(212)490-1200



### COUNTY AREA PRINT ANALYSIS

### FLORIDA

	Pop.(000)	Hslds.(000)	Ret.Sls.(\$m)	A.M. or All Day	Evening	Total Daily	Group	Sunday
COLUMBIA FLA D	41	14.9	247	(A.H.I.) \$25,210	MAP C16			
GAINESVILLE SUN				1,052	7.1%	1,052	7.1%	PB PA FG 1,205 8.1%
JACKSONVILLE FLA TIMES-UN.JRNL				2,335	15.7%	2,335	15.7%	PA MC JS 3,676 24.7%
LAKE CITY REPORTER						8,431	56.6%	FG
ORLANDO SENTINEL STAR @				305	2.0%	305	2.0%	SU MC 290 1.9%
TAMPA TRIBUNE @				119	0.8%	119	0.8%	MC 253 1.7%
FG CENTRAL FLORIDA GLDN MRKTS GR1				1,052	7.1%	8,431	56.6%	9,483 63.6%
JS JACKSONVILLE'ST AUGUSTINE COMBINATION				2,335	15.7%	2,335	15.7%	1,205 8.1%
USAWKD				110	0.7%	256	1.7%	R DGS7 2,474 16.6%
PARADE	5,086	40.8%	975	6.5%	681	4.6%	RED BK 613 4.1%	
SUNDAY	290	1.9%	467	3.1%	1,011	6.8%	17 2.0%	
METROC	4,219	28.3%	1,157	7.8%	734	4.9%	SPRTL 241 1.6%	
PUCKCW			84	0.6%	908	6.1%	TIME 449 3.0%	
DADE FLA A	1,785	672.1	13,595	(A.H.I.) \$32,115	MAP S21			
BOSTON GLOBE				344	1%	344	1%	SU PA MC 363 1%
FORT LAUDERDALE NEWS/SUN-SENT				649	1%	724	1%	SU MC 1,160 2%
HOMESTEAD SOUTH DADE NWS LEADR						11,181	1.7%	
MIAMI DIARIO LAS AMERICAS				49,818	7.4%	49,818	7.4%	52,824 7.9%
MIAMI HERALD, NEWS				256,260	38.1%	52,028	7.7%	308,298 45.9%
NEW YORK NEWS				727	1%	727	1%	SU PA MC 578 1%
NEW YORK POST @				336		336		
USAWKD				823	1%	17,920	2.7%	R DGS7 76,387 11.4%
PARADE	941	5.3%	26,508	3.9%	15,546	2.3%	RED BK 13,295 2.0%	
SUNDAY	319,906	47.6%	19,327	2.9%	20,404	3.0%	17 3.0%	
METROC	319,906	47.6%	21,870	3.1%	21,311	3.2%	SPRTL 16,013 2.4%	
PUCKCW			83	0.6%	545	7.1%	TIME 14,796 2.2%	
DE SOTO FLA D	22	7.7	118	(A.H.I.) \$23,524	MAP N18			
SARASOTA HERALD-TRIBUNE				891	11.6%	891	11.6%	PC PA LC 1,334 17.3%
TAMPA TRIBUNE @				1,419	18.4%	1,419	18.4%	MC 1,762 22.9%
USAWKD				6,047	78.5%	97	1.3%	R DGS7 1,764 22.9%
PARADE	1,334	17.3%	505	6.6%	302	3.9%	RED BK 285 3.7%	
SUNDAY	1,782	22.9%	173	2.2%	433	5.6%	17 1.0%	
METROC	1,334	17.3%	483	6.2%	441	5.7%	SPRTL 106 1.4%	
PUCKCW			40	0.5%	545	7.1%	TIME 237 3.1%	
DIXIE FLA D	9	3.2	35	(A.H.I.) \$21,433	MAP E14			
GAINESVILLE SUN				1,231	38.5%	1,231	38.5%	PB PA FG 1,243 38.8%
TAMPA TRIBUNE @				96	3.0%	96	3.0%	MC 164 5.1%
FG CENTRAL FLORIDA GLDN MRKTS GR1				1,231	38.5%	1,231	38.5%	1,243 38.8%
USAWKD				2,575	80.5%	42	1.3%	R DGS7 611 19.1%
PARADE	2,486	77.7%	174	5.4%	96	2.9%	RED BK 104 3.3%	
SUNDAY	164	5.1%	41	1.3%	130	4.1%	17 1.3%	
METROC			156	4.9%	154	4.8%	SPRTL 46 1.4%	
PUCKCW			7	0.2%	185	5.8%	TIME 81 2.5%	
DUVAL FLA B	543	248.5	4,151	(A.H.I.) \$30,839	MAP C19			
ATLANTA JOURNAL CONSTITUTION				415	2%	415	2%	SU PA MC 497 2%
JACKSONVILLE FLA TIMES-UN.JRNL				111,304	44.8%	39,506	15.9%	150,810 60.7%
MIAMI HERALD, NEWS				485	2%	485	2%	SU MC 149,455 60.1%
JS JACKSONVILLE'ST AUGUSTINE COMBINATION				111,304	44.8%	39,506	15.9%	150,810 60.7%
USAWKD				10,163	4.1%	3,486	2.2%	R DGS7 43,222 17.4%
PARADE	149,952	60.3%	7,847	7.3%	10,084	4.1%	RED BK 10,332 4.2%	
SUNDAY	1,155	5%	7,626	3.1%	12,490	5.0%	17 4,245 1.7%	
METROC	150,610	60.6%	14,683	5.9%	13,473	5.4%	SPRTL 6,736 2.7%	
PUCKCW			76	0.3%	19,339	7.8%	TIME 11,653 4.7%	
ESCAMBIA FLA B	273	101.4	1,617	(A.H.I.) \$30,269	MAP 81			
PENSACOLA NEWS JOURNAL				4,279	42.7%	4,279	42.7%	US PC 55,076 54.3%
USAWKD				3,400	3.4%	2,434	2.4%	R DGS7 19,287 19.0%
PARADE	55,076	54.3%	2,847	7.7%	4,381	4.3%	RED BK 3,994 3.9%	
SUNDAY			2,449	2.4%	5,851	5.8%	17 1,823 1.8%	
METROC			6,772	6.7%	5,298	5.2%	SPRTL 2,035 2.0%	
PUCKCW			188	2%	7,967	7.9%	TIME 3,798 3.7%	
FLAGLER FLA D	17	7.4	48	(A.H.I.) \$25,418	MAP F19			
DAYTONA BEACH NEWS JOURNAL				4,242	57.3%	881	11.9%	5,123 69.2%
USAWKD				5,220	70.5%	37	0.5%	R DGS7 1,855 25.1%
PARADE	5,283	71.4%	701	9.5%	377	5.1%	RED BK 237 3.5%	
SUNDAY			195	2.6%	420	7.0%	17 108 1.5%	
METROC			441	6.0%	527	5.8%	SPRTL 139 1.9%	
PUCKCW			16	0.2%	875	11.8%	TIME 395 5.3%	
FRANKLIN FLA D	8	3.0	27	(A.H.I.) \$21,319	MAP D9			
PANAMA CITY NEWS-HERALD				248	8.3%	248	8.3%	PA FF 313 10.4%
TALLAHASSEE DEMOCRAT				382	29.4%	382	29.4%	PB MC 1,541 51.4%
USAWKD				32	1.1%	49	1.6%	R DGS7 622 20.7%
PARADE	1,854	61.8%	248	8.3%	111	3.7%	RED BK 158 5.3%	
SUNDAY			172	5.7%	150	5.3%	17 54 2.1%	
METROC	1,541	51.4%	172	5.7%	183	6.1%	SPRTL 38 1.3%	
PUCKCW			2	0.1%	242	8.1%	TIME 101 3.4%	
GADSDEN FLA C	44	13.9	112	(A.H.I.) \$20,571	MAP B10			
JACKSONVILLE FLA TIMES-UN.JRNL				530	2.4%	530	2.4%	PA MC JS 326 2.3%
TALLAHASSEE DEMOCRAT				3,791	27.3%	3,791	27.3%	PB MC 4,899 35.2%
USAWKD				203	1.5%	159	1.1%	R DGS7 1,694 12.2%
PARADE	5,225	37.6%	741	5.3%	418	3.0%	RED BK 438 3.2%	
SUNDAY			160	1.2%	507	3.6%	17 159 1.2%	
METROC	5,225	37.6%	438	3.2%	502	4.3%	SPRTL 285 2.1%	
PUCKCW			82	0.6%	640	4.6%	TIME 357 2.6%	
GULCHRIST FLA D	7	2.5	13	(A.H.I.) \$20,911	MAP E15			
GAINESVILLE SUN				1,085	43.4%	1,085	43.4%	PB PA FG 1,177 47.1%
FG CENTRAL FLORIDA GLDN MRKTS GR1				1,085	43.4%	1,085	43.4%	1,177 47.1%
USAWKD				3,500	140.0%	40	1.6%	R DGS7 569 22.8%
PARADE	2,354	94.2%	207	8.3%	74	3.0%	RED BK 110 4.4%	
SUNDAY			20	0.8%	133	5.3%	17 12 0.5%	
METROC			71	2.8%	140	5.6%	SPRTL 43 1.7%	
PUCKCW			40	1.6%	185	7.4%	TIME 67 2.7%	

# FLORIDA

## COUNTY AREA PRINT ANALYSIS

County	Pop.(000)	Hsids.(000)	Ret.Sis.(000)	A.M. or All Day	Evening	Total Daily	Group	Sunday		
LADES FLA D	7	2.7	9	(A.H.I.) \$21,379	MAP 020	228	8.4%	US PC	348	12.9%
FORT MYERS NEWS-PRESS				228	8.4%			US PC	348	12.9%
USAWKD	348	12.9%								
PARADE										
SUNDAY										
METROC										
PUCKCW										
GULF FLA D	11	3.9	30	(A.H.I.) \$24,157	MAP D8	1,626	41.7%	PA FF	1,796	46.1%
PANAMA CITY NEWS-HERALD				1,626	41.7%			PA FF	1,796	46.1%
TALLAHASSEE DEMOCRAT				293	7.5%			PB MC	544	13.9%
FLORIDA GULF DAILIES				1,626	41.7%					
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
HAMILTON FLA D	9	3.3	37	(A.H.I.) \$21,308	MAP B15	463	14.0%	PA MC JS	500	15.2%
JACKSONVILLE FLA TIMES-UN.JRNL				463	14.0%			PA MC JS	500	15.2%
VALDOSTA DAILY TIMES				311	9.4%			PA MC JS	313	9.5%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
HARDEE FLA D	21	7.2	96	(A.H.I.) \$18,413	MAP M18	314	4.4%	PC PA LC	496	6.9%
LAKELAND LEDGER				314	4.4%			PC PA LC	496	6.9%
TAMPA TRIBUNE @				1,557	21.6%			MC	2,012	27.9%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
HENDRY FLA D	23	7.6	128	(A.H.I.) \$26,401	MAP P19	1,197	15.8%	US PC	1,496	19.7%
FORT MYERS NEWS-PRESS				1,197	15.8%			US PC	1,496	19.7%
MIAMI HERALD, NEWS				230	3.0%			US MC	269	3.5%
WEST PALM BCH POST-EVENING TMS				217	2.9%			PC MC	415	5.5%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
HERNANDO FLA C	77	32.1	275	(A.H.I.) \$23,077	MAP 116	1,892	5.9%	PA MC	15,628	48.7%
BROOKSVILLE SUN-JOURNAL				1,892	5.9%			PA MC	15,628	48.7%
ST PETERSBURG TIMES-INDEPENDENT				12,230	38.1%			PA MC	9,062	28.2%
TAMPA TRIBUNE @				7,340	22.9%			MC	11,501	45.6%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
HIGHLANDS FLA C	61	25.2	283	(A.H.I.) \$23,868	MAP N19	417	1.7%	PC PA LC	560	2.2%
LAKELAND LEDGER				417	1.7%			PC PA LC	560	2.2%
MIAMI HERALD, NEWS				337	1.3%			SU MC	399	1.6%
TAMPA TRIBUNE @				9,983	39.6%			MC	11,501	45.6%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
HILLSBOROUGH FLA A	770	297.4	5,316	(A.H.I.) \$30,763	MAP K16	163	1.1%	US	253	1.1%
BRADENTON HERALD				163	1.1%			US	253	1.1%
CHICAGO TRIBUNE @				159	1.0%			SU MC	269	1.1%
LAKELAND LEDGER				1,350	5.3%			PC PA LC	1,872	6.1%
MIAMI DIARID LAS AMERICAS				1,000	3.9%			SU MC	1,000	3.9%
MIAMI HERALD, NEWS				412	1.1%			SU MC	512	2.2%
ST PETERSBURG TIMES-INDEPENDENT				3,396	11.1%			PA MC	4,620	16.6%
TAMPA TRIBUNE @				143,486	48.2%			MC	203,159	68.3%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
HOLMES FLA D	16	6.1	36	(A.H.I.) \$20,923	MAP A6	460	7.5%	PA FF	619	10.1%
PANAMA CITY NEWS-HERALD				460	7.5%			PA FF	619	10.1%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
INDIAN RIVER FLA C	81	33.4	495	(A.H.I.) \$30,958	MAP L21	1,829	5.5%	US	2,251	6.7%
FLORIDA TODAY				1,829	5.5%			US	2,251	6.7%
FORT PIERCE/PORT ST LUCIE NEWS				256	0.8%			TR PA	373	1.1%
MIAMI HERALD, NEWS				5,438	16.3%			SU MC	6,965	20.9%
VERO BEACH PRESS-JOURNAL				19,253	57.6%			TR	19,458	58.3%
WEST PALM BCH POST-EVENING TMS				191	0.6%			PC MC	561	1.7%
TREASURE COAST MARKET GROUP				19,509	58.4%			MC	19,831	59.4%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
JACKSON FLA D	42	14.7	161	(A.H.I.) \$22,079	MAP A8	575	3.9%	PB PA	715	4.9%
DOTHAN EAGLE				575	3.9%			PB PA	715	4.9%
MARIANNA JACKSON CO FLORIAN				4,500	30.6%			PA FF	5,083	34.6%
PANAMA CITY NEWS-HERALD				435	3.0%			PA FF	490	3.3%
TALLAHASSEE DEMOCRAT				1,510	10.3%			PB MC	1,729	11.8%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
JEFFERSON FLA D	11	3.9	38	(A.H.I.) \$22,585	MAP B12	1,310	33.6%	PB MC	1,616	41.4%
TALLAHASSEE DEMOCRAT				1,310	33.6%			PB MC	1,616	41.4%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										
LAFAYETTE FLA D	5	1.5	8	(A.H.I.) \$22,604	MAP D14	242	16.1%	PA MC JS	340	22.7%
JACKSONVILLE FLA TIMES-UN.JRNL				242	16.1%			PA MC JS	340	22.7%
JS JACKSONVILLE ST AUGUSTINE COMBINATION				242	16.1%			MC JS	340	22.7%
USAWKD										
PARADE										
SUNDAY										
METROC										
PUCKCW										



# FLORIDA

## COUNTY AREA PRINT ANALYSIS

	Pop.(000)	Hslds.(000)	Ret.Sls.(sm)	A.M. or All Day	Evening	Total Daily	Group	Sunday
<b>OKEECHOBEE FLA D</b>	27	9.9	157	(A.H.I.) \$21,682	MAP M20	715		
MIAMI HERALD, NEWS				715		715	SU MC	793
WEST PALM BCH POST, EVENING TMS				2,222	5.4%	2,759	PC MC	3,902
USAWKD				537	2.4%	537		363
PARADE				349	1.5%	349		161
SUNDAY	793	8.0%		17	0.1%	17		44
METROC	4,695	47.4%		431	1.9%	431		670
PUCKCW	3,302	39.4%		261	1.1%	261		
<b>ORANGE FLA B</b>	571	218.0	4,483	(A.H.I.) \$32,080	MAP I20	457		
FLORIDA TODAY				457		457	US	179
MIAMI HERALD, NEWS				1,067		1,067	SU MC	1,224
ORLANDO SENTINEL STAR @				119,120	54.6%	119,120	SU MC	148,512
TAMPA TRIBUNE @				435		435	MC	521
USAWKD				6,202	2.8%	6,202		32,506
PARADE	479	2%		17	0.1%	17		6,820
SUNDAY	149,736	58.7%		17	0.1%	17		3,091
METROC	150,257	68.9%		1,481	6.4%	1,481		16,317
PUCKCW				10,481	4.8%	10,481		
<b>OSCEOLA FLA B</b>	84	32.8	645	(A.H.I.) \$24,430	MAP K20	421		
MIAMI HERALD, NEWS				421		421	SU MC	463
ORLANDO SENTINEL STAR @				15,845	48.3%	15,845	SU MC	21,787
TAMPA TRIBUNE @				253		253	MC	369
USAWKD				511	1.6%	511		7,032
PARADE				23	0.1%	23		667
SUNDAY	22,250	67.8%		17	0.1%	17		264
METROC	22,619	69.0%		1,138	3.5%	1,138		2,656
PUCKCW				1,142	3.5%	1,142		
<b>PALM BEACH FLA B</b>	761	324.8	8,003	(A.H.I.) \$36,597	MAP P22	16,087		
BOCA RATON NEWS				16,087		16,087	US UE	17,577
BOSTON GLOBE				410		410	SU PA MC	422
CHICAGO TRIBUNE @				272		272	SU MC	444
FORT LAUDERDALE NEWS/SUN-SENT				44,711	13.8%	48,3	SU MC	53,051
MIAMI DIARIO LAS AMERICAS				290		290	SU MC	290
MIAMI HERALD, NEWS				30,834	9.5%	30,834	SU MC	34,487
NEW YORK NEWS				1,118		1,118	SU PA MC	991
NEW YORK POST @				325		325		
PALM BEACH NEWS				4,423		4,423		5,105
WEST PALM BCH POST, EVENING TMS				98,218	30.2%	22,172	PC MC	154,116
MIAMI-FT LAUDERDALE USSPI GROUP				16,087	5.0%	16,087		17,577
<b>PASCO FLA A</b>	245	105.0	1,241	(A.H.I.) \$23,959	MAP J16	1,177		
CLEARWATER SUN				1,177		1,177	US PC	998
ST PETERSBURG TIMES, INDEPENDNT				41,272	39.3%	41,272	PA MC	53,296
TAMPA TRIBUNE @				19,008	18.1%	19,008	MC	23,754
USAWKD				1,510	1.4%	1,510		12,976
PARADE	998	1.0%		30	0.1%	30		2,698
SUNDAY	53,296	50.6%		17	0.1%	17		313
METROC	77,050	73.4%		1,456	1.4%	1,456		8,600
PUCKCW	154,116	47.4%		3,408	3.2%	3,408		
<b>PINELLAS FLA A</b>	825	372.7	5,505	(A.H.I.) \$29,539	MAP K15	25,464		
CLEARWATER SUN				25,464		25,464	US PC	26,216
MIAMI HERALD, NEWS				310		310	SU MC	386
NEW YORK NEWS				324		324	SU PA MC	264
ST PETERSBURG TIMES, INDEPENDNT				216,541	58.1%	216,541	PA MC	280,561
TAMPA TRIBUNE @				8,464	2.3%	8,464	MC	10,924
USAWKD				7,090	1.9%	7,090		31,426
PARADE	26,216	7.0%		1,295	3.1%	1,295		10,913
SUNDAY	280,823	75.3%		10,988	2.9%	10,988		3,479
METROC	650	2%		13,184	3.2%	13,184		26,676
PUCKCW	292,135	78.4%		11,969	3.5%	11,969		
<b>POLK FLA B</b>	374	139.5	2,055	(A.H.I.) \$26,914	MAP K18	5,454		
LAKE WALES HIGHLANDER				5,454		5,454	PC PA LC	80,508
LAKELAND LEDGER				64,534	46.3%	64,534	PC PA LC	7,762
ORLANDO SENTINEL STAR @				2,509		2,509	SU MC	1,436
TAMPA TRIBUNE @				12,415	8.9%	12,415	MC	15,868
WINTER HAVEN NEWS-CHIEF				15,345	11.0%	15,345		15,868
LC LAKELAND, SARASOTA COMBINATION BUY				64,534	46.3%	64,534		80,508
USAWKD				2,231	1.6%	2,231		24,434
PARADE	80,508	57.7%		205	1%	205		3,321
SUNDAY	2,762	2.0%		2,025	1.5%	2,025		709
METROC	17,118	12.3%		3,075	2.2%	3,075		8,839
PUCKCW	30,508	57.7%		4,967	3.6%	4,967		
<b>PUTNAM FLA C</b>	60	23.0	256	(A.H.I.) \$25,249	MAP E18	499		
DAYTONA BEACH NEWS, JOURNAL				499		499	PC PA	1,379
GAINESVILLE SUN				650		650	PB PA FG	844
JACKSONVILLE FLA TIMES-UN, JRNL				2,500	10.9%	2,500	PA MC JS	4,178
PALATKA NEWS				13,108	57.0%	13,108	FG	844
FG CENTRAL FLORIDA GLDN MKRKS GR1				550	2.8%	550		4,405
USAWKD				246	1.1%	246		509
PARADE	7,245	31.5%		23	0.1%	23		57
SUNDAY	1,544	6.7%		17	0.1%	17		258
METROC	4,178	18.2%		164	1.6%	164		2,588
PUCKCW	1,379	6.0%		564	2.5%	564		
<b>ST JOHNS FLA B</b>	73	28.2	350	(A.H.I.) \$29,893	MAP D19	109		
DAYTONA BEACH NEWS, JOURNAL				109		109	PC PA	253
JACKSONVILLE FLA TIMES-UN, JRNL				7,727	27.4%	8,526	PA MC JS	12,338
ST AUGUSTINE RECORD				12,599	44.7%	12,599	JS	
JACKSONVILLE, ST AUGUSTINE COMBINATION				7,727	27.4%	21,125		12,338
USAWKD				965	1.4%	965		5,311
PARADE	12,591	44.6%		176	0.6%	176		726
SUNDAY	12,338	43.8%		766	2.7%	766		346
METROC	253	0.9%		904	3.2%	904		1,822
PUCKCW				1,900	6.7%	1,900		
<b>ST LUCIE FLA C</b>	121	47.1	802	(A.H.I.) \$25,411	MAP M22	20,656		
FORT PIERCE/PORT ST LUCIE NEWS				20,656		20,656	TR PA	22,743
MIAMI HERALD, NEWS				5,324		5,324	SU MC	6,187
STUART NEWS				3,555		3,555	TR	4,172
VERO BEACH PRESS-JOURNAL				333		333	TR	1,046
WEST PALM BCH POST, EVENING TMS				1,718		2,409	PC MC	3,539
TR TREASURE COAST MARKET GROUP				25,144	53.4%	25,144		27,961
USAWKD				792	1.7%	792		6,446
PARADE	22,743	48.3%		112	2%	112		1,199
SUNDAY	6,187	13.1%		110	2%	110		340
METROC	3,726	20.6%		1,117	2.4%	1,117		2,386
PUCKCW	3,539	7.5%		1,389	2.9%	1,389		
<b>SANTA ROSA FLA B</b>	67	24.0	244	(A.H.I.) \$30,558	MAP 82	446		
FORT WALTON BEACH PLAYGRD NEWS				446		446	PA FF	580
PENSACOLA NEWS, JOURNAL				7,968	33.2%	7,968	US PC	11,086
USAWKD				540	2.7%	540		7,739
PARADE	11,086	46.2%		40	0.2%	40		15
SUNDAY	580	2.4%		963	4.0%	963		167
METROC				687	2.9%	687		1,694
PUCKCW	11,086	46.2%		906	3.8%	906		

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The Orlando Sentinel cannot provide effective coverage of the important Daytona Beach metro segment of the ADI

Metro HH	News-Journal	Sentinel
133,000	68%	12%

Source: Circulation '86-'87

### THE DAYTONA BEACH

# NEWS-JOURNAL

901 Sixth St., Daytona Beach, FL 32017 (904) 252-1511



Represented Nationally by SAWYER-FERGUSON-WALKER

## COUNTY AREA PRINT ANALYSIS

## FLORIDA

	Pop.(000)	Hslds.(000)	Ret.Sis.(sm)	A.M. or All Day	Evening	Total Daily	Group	Sunday									
<b>SARASOTA FLA B</b>	251	114.7	2,015	(A.H.I.) \$30.104	MAP N17												
BRADENTON HERALD			347	3%		347	3%	421									
FORT MYERS NEWS-PRESS			173	2%		173	2%	255									
MIAMI HERALD, NEWS			336	3%		336	3%	448									
ST PETERSBURG TIMES-INDEPENDENT			367	3%		367	3%	780									
* SARASOTA HERALD-TRIBUNE			73,535	64.1%		73,535	64.1%	87,570									
TAMPA TRIBUNE @			1,150	1.0%		1,150	1.0%	1,598									
LC LAKELAND, SARASOTA COMBINATION BUY			73,535	64.1%		73,535	64.1%	87,570									
USAWD	576	5%	ANR WN	10,500	9.2%	CWGR	589	5%	NEWSWK	4,297	3.7%	R DGST	33,625	29.3%	TV GUI	20,751	18.1%
PARADE	88,350	77.0%	BET HO	12,393	10.8%	GDHSH	8,551	7.3%	NWYRRR	991	3%	RED BK	5,299	4.6%	USNEWS	5,373	4.7%
SUNDAY	448	4%	COSMO	3,635	3.2%	LHJ	8,905	7.8%	PENTHS	3,755	3.3%	17	1,817	1.6%	VOGUE	1,807	1.6%
METROC	2,826	2.5%	F CIRC	9,611	8.4%	MCCL	8,875	7.7%	PEOPLE	5,260	4.6%	SPRTL	3,318	2.9%	WO DAY	10,897	9.5%
PUCKCW	87,823	76.6%	FARM J	83	.1%	N GEO	15,042	13.1%	PLAY B	4,603	4.0%	TIME	7,962	6.9%			
<b>SEMINOLE FLA B</b>	244	89.0	1,470	(A.H.I.) \$33.879	MAP 120												
ORLANDO SENTINEL STAR @			44,838	50.4%		44,838	50.4%	60,403									
* SANFORD HERALD					7,838	8.8%		8,020									
USAWD			4,800	5.4%	CWGR	336	4%	NEWSWK	1,566	1.8%	R DGST	16,521	18.6%	TV GUI	11,192	12.6%	
PARADE			6,758	7.6%	GDHSH	4,041	4.5%	NWYRRR	176	.2%	RED BK	3,342	3.8%	USNEWS	2,238	2.5%	
SUNDAY	60,403	67.9%	COSMO	2,738	3.1%	LHJ	4,138	4.6%	PENTHS	2,538	2.9%	17	2,095	2.4%	VOGUE	996	1.1%
METROC	60,403	67.9%	F CIRC	7,124	8.0%	MCCL	4,914	5.1%	PEOPLE	3,311	3.7%	SPRTL	2,654	3.0%	WO DAY	6,381	7.2%
PUCKCW			30	0.3%	N GEO	9,120	10.2%	PLAY B	3,574	4.0%	TIME	4,305	4.8%				
<b>SUMTER FLA D</b>	30	11.3	143	(A.H.I.) \$21.986	MAP H17												
LEESBURG COMMERCIAL					2,320	20.5%		2,320									
OCALA STAR-BANNER					386	3.4%		386									
ORLANDO SENTINEL STAR @			1,793	15.9%		1,793	15.9%	1,913									
ST PETERSBURG TIMES-INDEPENDENT			184	1.6%		184	1.6%	303									
TAMPA TRIBUNE @			1,043	9.2%		1,043	9.2%	1,593									
FG CENTRAL FLORIDA GLDN MRKTS GRI					2,706	23.9%		3,055									
USAWD			3,200	28.3%	CWGR	49	.4%	NEWSWK	160	1.4%	R DGST	2,465	21.8%	TV GUI	2,479	21.9%	
PARADE	3,358	29.7%	BET HO	754	6.7%	GDHSH	708	6.3%	NWYRRR	3	.0%	RED BK	541	4.8%	USNEWS	213	1.9%
SUNDAY	1,913	16.9%	COSMO	531	4.7%	LHJ	526	5.5%	PENTHS	128	1.1%	17	37	.3%	VOGUE	13	.1%
METROC	3,809	33.7%	F CIRC	588	5.2%	MCCL	654	5.8%	PEOPLE	180	1.6%	SPRTL	138	1.2%	WO DAY	774	6.8%
PUCKCW			41	.4%	N GEO	717	6.3%	PLAY B	248	2.2%	TIME	285	2.5%				
<b>SUWANNEE FLA D</b>	26	9.5	116	(A.H.I.) \$23.675	MAP C15												
GAINESVILLE SUN			612	6.4%		612	6.4%	700									
JACKSONVILLE FLA TIMES-UN, JRNL			1,373	14.5%		1,373	14.5%	1,912									
LAKE CITY REPORTER					317	3.3%		317									
JS JACKSONVILLE/ST AUGUSTINE COMBINATION			1,373	14.5%		1,373	14.5%	1,912									
USAWD	3,312	34.9%	ANR WN	10,350	108.9%	CWGR	144	1.5%	NEWSWK	128	1.3%	R DGST	2,065	21.7%	TV GUI	1,508	15.9%
PARADE			639	6.8%	GDHSH	401	4.2%	NWYRRR	82	.8%	RED BK	347	3.7%	USNEWS	183	1.9%	
SUNDAY	1,912	20.1%	COSMO	185	1.9%	LHJ	475	5.0%	PENTHS	78	.8%	17	142	1.5%	VOGUE	26	.3%
METROC	1,912	20.1%	F CIRC	638	6.7%	MCCL	503	5.3%	PEOPLE	139	1.5%	SPRTL	128	1.3%	WO DAY	508	5.3%
PUCKCW			148	1.6%	N GEO	644	6.8%	PLAY B	162	1.7%	TIME	208	2.2%				
<b>TAYLOR FLA D</b>	18	6.7	72	(A.H.I.) \$27.005	MAP D13												
JACKSONVILLE FLA TIMES-UN, JRNL			289	4.3%		289	4.3%	302									
TALLAHASSEE DEMOCRAT			1,277	19.1%		1,277	19.1%	1,767									
USAWD			9,700	144.8%	CWGR	49	.7%	NEWSWK	92	1.4%	R DGST	1,096	16.4%	TV GUI	386	13.2%	
PARADE	2,069	30.9%	BET HO	449	6.7%	GDHSH	251	3.7%	NWYRRR	7	.1%	RED BK	282	4.2%	USNEWS	34	1.4%
SUNDAY	2,069	30.9%	COSMO	153	2.3%	LHJ	362	5.4%	PENTHS	88	1.3%	17	111	1.7%	VOGUE	27	1.4%
METROC	2,069	30.9%	F CIRC	491	7.3%	MCCL	385	5.7%	PEOPLE	79	1.2%	SPRTL	97	1.4%	WO DAY	495	7.4%
PUCKCW			16	.2%	N GEO	379	5.7%	PLAY B	144	2.1%	TIME	151	2.3%				
<b>UNION FLA D</b>	11	2.4	18	(A.H.I.) \$29.333	MAP D17												
GAINESVILLE SUN			973	10.5%		973	10.5%	1,002									
JACKSONVILLE FLA TIMES-UN, JRNL			306	12.8%		306	12.8%	352									
LAKE CITY REPORTER					169	7.0%		169									
FG CENTRAL FLORIDA GLDN MRKTS GRI			973	40.5%		973	40.5%	1,002									
USAWD			1,950	81.3%	CWGR	27	1.1%	NEWSWK	33	1.4%	R DGST	434	18.1%	TV GUI	494	20.8%	
PARADE	2,356	98.2%	BET HO	151	6.1%	GDHSH	56	2.8%	NWYRRR	4	.2%	RED BK	105	4.4%	USNEWS	5	.2%
SUNDAY			38	1.6%	LHJ	122	5.1%	PENTHS	31	1.3%	17	36	1.5%	VOGUE	5	.2%	
METROC	352	14.7%	F CIRC	60	2.5%	MCCL	133	5.5%	PEOPLE	26	1.1%	SPRTL	49	2.0%	WO DAY	39	1.6%
PUCKCW			28	1.2%	N GEO	151	6.3%	PLAY B	75	3.1%	TIME	114	4.8%				
<b>VOLUSIA FLA B</b>	325	137.7	2,035	(A.H.I.) \$27.721	MAP G20												
* DAYTONA BEACH NEWS-JOURNAL			61,864	44.9%		28,611	20.8%	83,037									
DE LAND SUN NEWS					8,787	5.4%		3,482W									
JACKSONVILLE FLA TIMES-UN, JRNL			422	3%		422	3%	429									
MIAMI HERALD, NEWS			701	5%		701	5%	1,006									
ORLANDO SENTINEL STAR @			16,676	12.1%		16,676	12.1%	21,222									
SANFORD HERALD					312	2%		354									
TAMPA TRIBUNE @			248	2%		248	2%	452									
USAWD			18,000	13.1%	CWGR	989	7%	NEWSWK	3,258	2.4%	R DGST	31,565	22.9%	TV GUI	15,945	11.6%	
PARADE	83,466	60.6%	BET HO	12,515	9.1%	GDHSH	5,803	4.9%	NWYRRR	343	2%	RED BK	5,503	4.0%	USNEWS	4,302	3.1%
SUNDAY	22,228	16.1%	COSMO	4,532	3.1%	LHJ	8,290	6.0%	PENTHS	4,208	3.1%	17	2,089	1.5%	VOGUE	1,032	.7%
METROC	23,109	16.8%	F CIRC	10,446	7.6%	MCCL	7,761	5.6%	PEOPLE	4,168	3.0%	SPRTL	2,624	1.9%	WO DAY	9,719	7.1%
PUCKCW	83,037	60.3%	FARM J	90	.1%	N GEO	13,135	9.5%	PLAY B	4,820	3.5%	TIME	6,004	4.4%			



FLORIDA

COUNTY AREA PRINT ANALYSIS

Table with columns: Pop.(000), Hslds.(000), Ret.Sls.(\$mm), A.M. or All Day, Evening, Total Daily, Group, Sunday. Includes sections for WAKULLA FLA B, WALTON FLA D, WASHINGTON FLA D, and STATE COUNTY TOTALS.

FLORIDA COUNTY TOTALS - NEWSPAPERS CIRCULATING WITHIN STATE

Table with columns: Newspaper Name, Morning, Evening, Total, Sunday. Lists various newspapers like ATLANTA JOURNAL, MIAMI HERALD, etc.

REGIONAL SALES GROUPS

Table with columns: Pop.(000), Hslds.(000), Ret.Sls.(\$mm), A.M. or All Day, Evening, Total Daily, Group, Sunday. Lists regional sales groups like FLORIDA GULF DAILIES, CENTRAL FLORIDA GLDN MKRTS GRI, etc.

<u>COUNTY</u>	<u>NOTICE OF INTENT PUBLISHED BY</u>	<u>CIRCULATION TOTAL DAILY</u>	<u>% OF PENETRATION</u>
Alachua	Gainesville Sun	41,240	61.2%
	Jacksonville FL Times Union	1,140	1.7%
	Miami Herald News	309	0.5%
	Orlando Sentinel	1,612	2.4%
	St. Petersburg Times	287	0.4%
	Tampa Tribune	839	1.2%
Baker	Jacksonville FL Times Union	1,397	26.4%
Bay	Panama City News Herald	28,487	62.5%
	Tallahassee Democrat	219	0.5%
Bradford	Gainesville Sun	1,610	21.2%
	Jacksonville FL Times Union	953	12.5%
	Orlando Sentinel	191	2.5%
Brevard	Florida Today	63,687	44.0%
	Miami Herald News	893	0.6%
	Orlando Sentinel	20,084	13.9%
	Vero Beach Press-Journal	781	0.5%
Broward	Fort Lauderdale News	170,333	34.3%
	Miami Herald News	94,380	19.0%
	West Palm Beach Post	127	0.0%
Calhoun	Panama City News-Herald	411	12.1%
	Tallahassee Democrat	467	13.7%
Charlotte	Fort Myers News-Press	6,395	16.7%
	Miami Herald News	398	1.0%
	Charlotte Sun/Herald-News	6,583	17.2%
	Sarasota Herald Tribune	8,904	23.2%
Citrus	Inverness Citrus County Chronicle	12,171	33.8%
	Ocala Star-Banner	1,759	4.9%
	Orlando Sentinel	318	0.9%
	St. Petersburg Times	7,104	19.7%
	Tampa Tribune	6,407	17.8%
Clay	Gainesville Sun	688	2.3%
	Jacksonville FL Times Union	15,015	50.6%

<u>COUNTY</u>	<u>NOTICE OF INTENT PUBLISHED BY</u>	<u>CIRCULATION TOTAL DAILY</u>	<u>% OF PENETRATION</u>
Collier	Fort Myers News-Press	3,350	6.5%
	Miami Herald News	6,134	11.9%
	Naples News	27,556	53.3%
Columbia	Gainesville Sun	1,052	7.1%
	Jacksonville FL Times Union	2,336	15.7%
	Lake City Reporter	8,431	56.6%
	Orlando Sentinel	305	2.0%
	Tampa Tribune	119	0.8%
Dade	Fort Lauderdale News	724	0.1%
	Miami Herald News	308,288	45.9%
Desoto	Sarasota Herald Tribune	891	11.6%
	Tampa Tribune	1,419	18.4%
Dixie	Gainesville Sun	1,231	38.5%
	Tampa Tribune	96	3.0%
Duval	Jacksonville FL Times Union	150,810	60.7%
	Miami Herald News	485	0.2%
Escambia	Pensacola News Journal	43,279	42.7%
Flagler	Daytona Beach News Journal	5,123	69.2%
Franklin	Panama City News-Herald	248	8.3%
	Tallahassee Democrat	882	29.4%
Gadsden	Jacksonville FL Times Union	330	2.4%
	Tallahassee Democrat	3,791	27.3%
Gilcheist	Gainesville Sun	1,085	43.4%
Glades	Fort Myers News-Press	228	8.4%
Gulf	Panama City News-Herald	1,626	41.7%
	Tallahassee Democrat	293	7.5%
Hamilton	Jacksonville FL Times Union	463	14.0%
Hardee	Lakeland Ledger	314	4.4%
	Tampa Tribune	1,557	21.6%

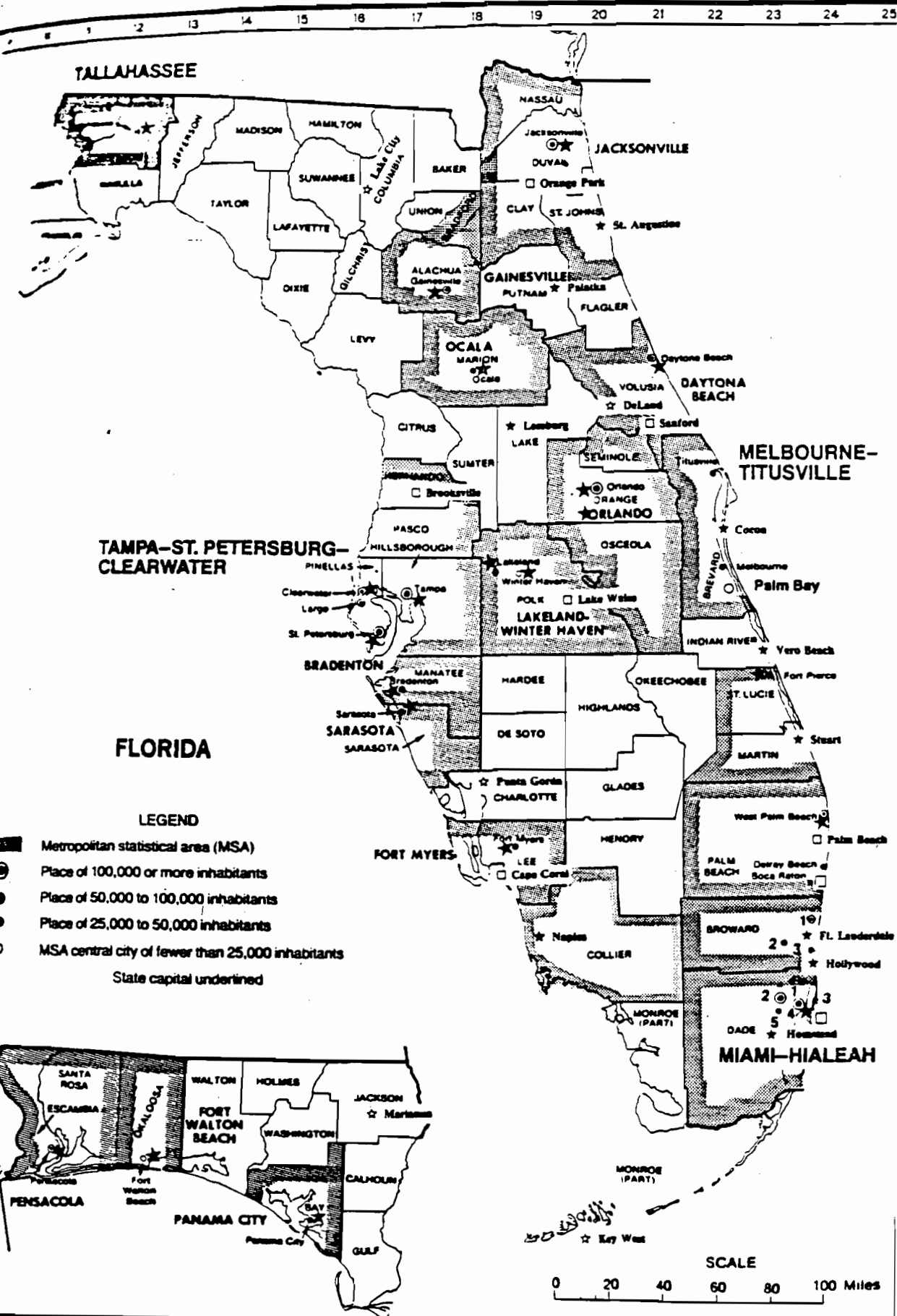


<u>COUNTY</u>	<u>NOTICE OF INTENT PUBLISHED BY</u>	<u>CIRCULATION TOTAL DAILY</u>	<u>% OF PENETRATION</u>
Hendry	Fort Myers News-Press	1,197	15.8%
	Miami Herald News	230	3.0%
	West Palm Beach Post	329	4.3%
Hernando	St. Petersburg Times	12,230	38.1%
	Tampa Tribune	7,340	22.9%
Highlands	Lakeland Ledger	417	1.7%
	Miami Herald News	337	1.3%
	Tampa Tribune	9,983	39.6%
Hillsborough	Bradenton Herald	163	0.1%
	Lakeland Ledger	1,350	0.5%
	Miami Herald News	412	0.1%
	St. Petersburg Times	3,396	1.1%
	Tampa Tribune	143,486	48.2%
Holmes	Panama City News-Herald	460	7.5%
Indian River	Florida Today	1,829	5.5%
	Fort Pierce News Tribune		
	Miami Herald News	5,438	16.3%
	Vero Beach Press-Journal	19,253	57.6%
	West Palm Beach Post	191	0.6%
Jackson	Marianna Jackson County Floridan	4,500	30.6%
	Panama City News-Herald	435	3.0%
	Tallahassee Democrat	1,510	10.3%
Jefferson	Tallahassee Democrat	1,310	33.6%
Lafayette	Jacksonville FL Times Union	242	16.1%
Lake	Leesburg Daily Commercial	17,264	31.5%
	Orlando Sentinel Star	21,029	38.4%
Lee	Fort Myers News-Press	61,778	52.4%
	Miami Herald News	2,579	2.2%
	Naples News	1,864	1.6%
	Sarasota Herald-Tribune	213	0.2%
Leon	Jacksonville FL Times Union	1,081	1.6%
	Miami Herald News	438	0.7%
	Orlando Sentinel	366	0.5%
	St. Petersburg Times	400	0.6%
	Tallahassee Democrat	38,674	58.1%
	Tampa Tribune	249	0.4%

<u>COUNTY</u>	<u>NOTICE OF INTENT PUBLISHED BY</u>	<u>CIRCULATION TOTAL DAILY</u>	<u>% OF PENETRATION</u>
Levy	Gainsville Sun	3,048	32.1%
	Ocala Star-Banner	987	10.4%
	St. Petersburg Times	223	2.3%
	Tampa Tribune	471	5.0%
Liberty	Tallahassee Democrat	415	27.7%
Madison	Jacksonville FL Times Union	372	7.3%
	Tallahassee Democrat	982	19.3%
Manatee	Bradenton Herald	34,327	44.6%
	St. Petersburg Times	1,930	2.5%
	Sarasota Herald Tribune	19,135	24.9%
	Tampa Tribune	1,312	1.7%
Marion	Gainsville Sun	762	1.1%
	Jacksonville FL Times Union	378	0.6%
	Miami Herald News	463	0.7%
	Ocala Star-Banner	36,495	54.0%
	Orlando Sentinel	4,700	6.1%
	St. Petersburg Times	993	1.5%
	Tampa Tribune	1,723	2.5%
Martin	Fort Pierce News Tribune		
	Miami Herald News	5,396	14.9%
	Stuart News	18,043	49.8%
	West Palm Beach Post	7,571	20.9%
Monroe	Key West Citizen	6,617	20.7%
	Miami Herald News	15,113	47.2%
Nassau	Jacksonville FL Times Union	3,919	27.0%
Okaloosa	Northwest FL Daily News	26,911	51.9%
	Pensacola News-Journal	2,758	5.3%
Okeechobee	Miami Herald News	715	7.2%
	West Palm Beach Post	2,759	27.9%
Orange	Florida Today	457	0.2%
	Miami Herald News	1,067	0.5%
	Orlando Sentinel	119,120	54.6%
	Tampa Tribune	435	0.2%

<u>COUNTY</u>	<u>NOTICE OF INTENT PUBLISHED BY</u>	<u>CIRCULATION TOTAL DAILY</u>	<u>% OF PENETRATION</u>
Osceola	Miami Herald News	421	1.3%
	Orlando Sentinel-Star	15,845	48.3%
	Tampa Tribune	253	0.8%
Palm Beach	Fort Lauderdale News	45,194	13.9%
	Miami Herald News	30,834	9.5%
	West Palm Beach Post	120,390	37.1%
Pasco	St. Petersburg Times	41,272	39.3%
	Tampa Tribune	19,008	18.1%
Pinellas	Miami Herald News	310	0.1%
	St. Petersburg Times	216,541	58.1%
	Tampa Tribune	8,464	2.3%
Polk	Lakeland Ledger	64,534	46.3%
	Orlando Sentinel	2,509	1.8%
	Tampa Tribune	12,415	8.9%
Putnam	Daytona Beach News-Journal	499	2.2%
	Gainesville Sun	650	2.8%
	Jacksonville FL Times Union	2,501	10.9%
	Palatka Daily News	13,108	57.0%
St. Johns	Daytona Beach News-Journal	109	0.4%
	Jacksonville FL Times Union	8,526	30.2%
	St. Augustine Record	12,599	44.7%
St. Lucie	Fort Pierce Tribune		
	Miami Herald News	5,324	11.3%
	Stuart News	3,555	7.5%
	Vero Beach Press-Journal	933	2.0%
	West Palm Beach Post	2,409	5.1%
Santa Rosa	Northwest FL Daily News	446	1.9%
	Pensacola News Journal	7,968	33.2%
Sarasota	Bradenton Herald	347	0.3%
	Fort Myers News-Press	173	0.2%
	Miami Herald News	336	0.3%
	St. Petersburg Times	367	0.3%
	Sarasota Herald Tribune	73,535	64.1%
	Tampa Tribune	1,150	1.0%
Seminole	Orlando Sentinel	44,838	50.4%

<u>COUNTY</u>	<u>NOTICE OF INTENT PUBLISHED BY</u>	<u>CIRCULATION TOTAL DAILY</u>	<u>% OF PENETRATION</u>
Sumter	Leesburg Commercial	2,320	20.5%
	Ocala Star-Banner	386	3.4%
	Orlando Sentinel	1,793	15.9%
	St. Petersburg Times	184	1.6%
	Tampa Tribune	1,043	9.2%
Suwannee	Gainesville Sun	612	6.4%
	Jacksonville FL Times Union	1,373	14.5%
	Lake City Reporter	317	3.3%
Taylor	Jacksonville FL Times Union	289	4.3%
	Tallahassee Democrat	1,277	19.1%
Union	Gainesville Sun	973	40.5%
	Jacksonville FL Times Union	306	12.8%
	Lake City Reporter	169	7.0%
Volusia	Daytona Beach News Journal	90,475	65.7%
	Jacksonville FL Times Union	424	0.3%
	Miami Herald News	701	0.5%
	Orlando Sentinel	16,676	12.1%
	Tampa Tribune	248	0.2%
Wakulla	Tallahassee Democrat	1,586	33.0%
Walton	Northwest FL Daily News	2,114	19.9%
	Pensacola News-Journal	444	4.2%
Washington	Panama City News-Herald	1,090	17.3%



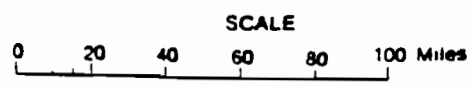
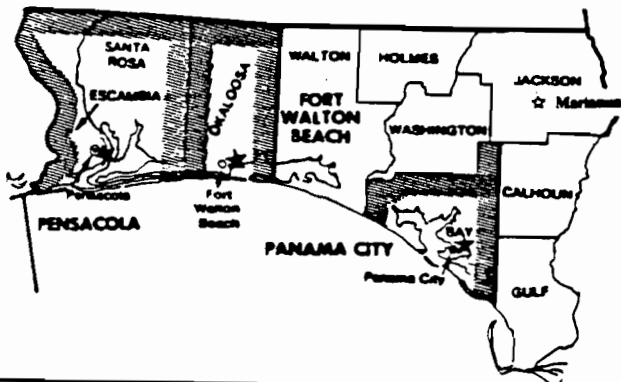
TALLAHASSEE

TAMPA-ST. PETERSBURG-CLEARWATER

FLORIDA

LEGEND

- Metropolitan statistical area (MSA)
- ⊙ Place of 100,000 or more inhabitants
- Place of 50,000 to 100,000 inhabitants
- Place of 25,000 to 50,000 inhabitants
- MSA central city of fewer than 25,000 inhabitants
- State capital underlined



★—ABC Daily Newspaper City over 10,000 circulation  
 ☆—ABC Daily Newspaper City under 10,000 circulation  
 □—Non-ABC Daily Newspaper City over 10,000 circulation  
 ◻—Non-ABC Daily Newspaper City under 10,000 circulation

**NEWSPAPER**

- ✓ Bradenton Herald
- ✓ Charlotte Sun/Herald-News
- ✓ Daytona Beach News Journal
- ✓ Florida Today
- ✓ Fort Lauderdale News
- ✓ Fort Myers News-Press
- ✓ Fort Pierce News Tribune
- ✓ Gainesville Sun
- ✓ Inverness Citrus County Chronicle
- ✓ Jacksonville FL Times Union Journal

**COUNTIES COVERED**

- Manatee - 44.6%
- Sarasota - 0.9%
- Charlotte - 17.2%
- Flagler - 69.2%
- Putnam - 2.2%
- St. Johns - 0.4%
- Volusia - 65.7%
- Brevard
- Indian River
- Orange
- Broward
- Dade
- Palm Beach
- Collier
- Glades
- Hendry
- Lee
- Sarasota
- Indian River
- St. Lucie
- Alachua
- Bradford
- Clay
- Columbia
- Dixie
- Gilchrist
- Levy
- Suwannee
- Union
- Citrus
- Alachua
- Baker
- Bradford
- Clay
- Columbia
- Duval
- Hamilton
- Lafayette
- Leon
- Madison

**NEWSPAPER**

**COUNTIES COVERED**

Jacksonville FL Times Union Journal (con't)

Marion  
Nassau  
Putnam  
St. Johns  
Suwannee  
Taylor  
Union  
Volusia

✓ Key West Citizen

Monroe

✓ Lake City Reporter

Columbia  
Union

✓ Lakeland Ledger

Hardee  
Highlands  
Hillsborough  
Polk

✓ Leesburg Commercial

Lake  
Sumter

✓ Marianna Jackson County Floridan

Jackson

✓ Miami Herald News

Alachua  
Brevard  
Broward  
Charlotte  
Collier  
Dade  
Duval  
Hendry  
Highlands  
Hillsborough  
Indian River  
Lee  
Leon  
Marion  
Martin  
Monroe  
Okeechobee  
Orange  
Palm Beach  
Pinellas  
Sarasota  
St. Lucie  
Volusia

**NEWSPAPER  
COVERED**

✓ Naples News  
✓ Northwest FL Daily News

✓ Ocala Star-Banner

✓ Orlando Sentinel

✓ Palatka Daily News  
✓ Panama City News-Herald

✓ Pensacola News Journal

✓ Sarasota Herald Tribune

**COUNTIES**

Collier

Okaloosa  
Santa Rosa  
Walton

Citrus  
Levy  
Marion  
Sumter

Alachua  
Baker  
Bradford  
Brevard  
Citrus  
Columbia  
Lake  
Leon  
Marion  
Orange  
Osceola  
Polk  
Seminole  
Sumter  
Volusia

Putnam

Bay  
Calhoun  
Franklin  
Gulf  
Holmes  
Jackson  
Washington

Escambia  
Santa Rosa  
Walton

Charlotte  
De-Soto  
Lee  
Manatee  
Sarasota



**NEWSPAPER**

✓ St. Augustine Record

✓ St. Petersburg Times

✓ Stuart News

✓ Tallahassee Democrat

✓ Tampa Tribune

**COUNTIES COVERED**

St. Johns

Alachua  
Citrus  
Hernando  
Hillsborough  
Leon  
Levy  
Manatee  
Marion  
Pasco  
Pinellas  
Sarasota  
Sumter

Martin

Bay  
Calhoun  
Franklin  
Gadsen  
Gulf  
Jackson  
Jefferson  
Leon  
Liberty  
Madison  
Taylor  
Wakulla

Alachua  
Citrus  
Columbia  
De-Soto  
Dixie  
Hardee  
Hernando  
Highlands  
Hillsborough  
Leon  
Levy  
Manatee  
Marion  
Orange  
Osceola  
Pasco  
Pinellas

**NEWSPAPER**

Tampa Tribune (con't)

✓Vero Beach Press-Journal

✓West Palm Beach Post

**COUNTIES COVERED**

Polk  
Sarasota  
Sumter  
Volusia

Brevard  
Indian River  
St. Lucie

Broward  
Hendry  
Indian River  
Martin  
Okeechobee  
Palm Beach  
St. Lucie

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

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

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.



# The Bradenton Herald

102 MANATEE AVE. WEST, P.O. BOX 921  
BRADENTON, FLORIDA 34206  
TELEPHONE (813) 748-0411

PUBLISHED DAILY  
BRADENTON, MANATEE COUNTY, FLORIDA

## STATE OF FLORIDA COUNTY OF MANATEE:

Before the undersigned authority personally appeared Linda L. Rikke, who on oath says that she is the Legal Advertising Clerk and the official representative of the Publisher of The Bradenton Herald, a daily newspaper published at Bradenton in Manatee County, Florida, with the express, limited authority to execute this affidavit for the purpose of establishing proof of publication of the public or legal notice and advertisement in the form attached hereto; that the attached copy of advertisement, being a legal advertisement in the matter of

DER Notice of Intent to Issue

\_\_\_\_\_ in the \_\_\_\_\_ Court,  
was published in said newspaper in the issues of \_\_\_\_\_  
9/14, '89

Affiant further says that the said The Bradenton Herald is a newspaper published at Bradenton, in said Manatee County, Florida, and that the said newspaper has heretofore been continuously published in said Bradenton, Manatee County, Florida, each day and has been entered as second class mail matter at the post office in Bradenton, in said Manatee County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and the affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this

10<sup>th</sup> day of September

A.D. 1989  
  
(SEAL) Notary Public

Notary Public, State of Florida at Large  
F.M.J.C.B.  
Commission Expires July 24, 1991  
STATE OF FLORIDA

### STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

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- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

# The Brandenton Herald

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays; at:

**Department of Environmental Regulation**

Bureau of Air Quality Mngmt.  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Department of Environmental Regulation**

Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

**Department of Environmental Regulation**

Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

**Department of Environmental Regulation**

South Florida District  
2269 Bay Street  
Ft. Meyers, Florida 33901-2896

**Department of Environmental Regulation**

Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

**Department of Environmental Regulation**

Central Florida District  
3319 Maguire Blvd, Suite 232  
Orlando, Florida 32803-3767

**Department of Environmental Regulation**

Southeast Florida District  
1900 S. Congress Ave., Ste A  
West Palm Beach, FL 33406

**Broward County Environmental Quality Control Board**

621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

**Dade County Dept. of Environmental Resources Mngmt.**

Jose Marti Building  
801 S.W. 3rd Ave., 2nd Floor  
Miami, Florida 33130

**Duval County Dept. of Health, Welfare and Bio-Environmental Services**

421 W Church St., Suite 412  
Jacksonville, Florida 32202

**Hillsborough County Environmental Protection Commission**

1410 North 21st Street  
Tampa, Florida 33605

**Palm Beach County Health Department**

Division of Environmental Science and Engineering  
901 E. Evernia Street  
West Palm Beach, FL 33402

**Pinellas County Department of Environmental Management**

315 Court Street  
Clearwater, Florida 34616

**Sarasota County Environmental Services Department**

1301 Cattleman Road  
Sarasota, Florida 33582-9631

**Orange County Environmental Protection Department**

2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
9/14, '89

P.O. Box 2390  
Port Charlotte, FL 33949  
Telephone 629-2855

# Sun Coast Media Group, Inc.

Printers and Publishers of

## Charlotte Sun/Herald-News

### PUBLISHER'S AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA,  
COUNTY OF CHARLOTTE

Before the undersigned personally appeared LeAnn Sciarretta  
who an oath says he is Clerk of the Charlotte Sun/  
Herald-News, a daily newspaper published at Charlotte Harbor in Charlotte  
County, Florida; that the attached copy of advertisement was published in  
said newspaper in the issues of:

September 13, 1989

Affiant further says that the said Charlotte Sun/Herald-News is a newspaper  
published at Charlotte Harbor, in said Charlotte County, Florida, and that the said  
newspaper has heretofore been continuously published in said Charlotte County,  
Florida, each week for a period of one year next preceding the first publication of the  
attached copy of advertisement; and affiant further says he has neither paid nor  
promised any person, firm or corporation any discount, rebate, commission or refund  
for the purpose of securing this advertisement for publication in the said newspaper.

LeAnn Sciarretta

Sworn and subscribed to before me this 15 day of Sept 19 89

LeAnn Sciarretta  
Notary Public, State of Florida

My commission expires on the \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_\_

(SEAL)

Notary Public, State of Florida at Large  
My Commission Expires November 24, 1990  
Bonded thru Agent's Notary Brokerage

#### STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF INTENT TO ISSUE

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- A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action.
- A statement of the material facts disputed by Petitioner, if any.
- A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action.
- A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and



## CHARLOTTE/SUN HERALD-NEWS

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept of Environmental Regulation  
South Florida District  
2269 Bay Street  
Fort Myers, Florida 33901-2896

Dept of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd, Suite 232  
Orlando, Florida 32803-3767

Dept of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor

Miami, Florida 33130  
Duval County Dept of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept,  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street

West Palm Beach, Florida 33402  
Pinellas County Department of  
Environmental Management  
315 Court Street

Clearwater, Florida 34616  
Sarasota County Environmental  
Services Department  
1301 Cattleman Road

Sarasota, Florida 33582-9631  
Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue

Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
Publish: September 13, 1989

# The News-Journal

Published Daily and Sunday  
Daytona Beach, Volusia County, Florida

State of Florida,  
County of Volusia:

Before the undersigned authority personally appeared  
**C. Morgan Miller**

who, on oath says that he is.....  
**Classified Manager**

of The News-Journal, a daily and Sunday newspaper, published  
at Daytona Beach in Volusia County, Florida; that the  
attached copy of advertisement, being a.....

**Notice of Intent to Issue**

in the matter of **Permits to TPS Technologies,**  
**Inc. Apopka**

in the ..... Court, was published

in said newspaper in the issues.....  
**September 13, 1989**

Affiant further says that The News-Journal is a newspaper  
published at Daytona Beach, in said Volusia County, Florida,  
and that the said newspaper has heretofore been continuously  
published in said Volusia County, Florida, each day and  
Sunday and has been entered as second-class mail matter at the  
post office in Daytona Beach, in said Volusia County, Florida,  
for a period of one year next preceding the first publication of  
the attached copy of advertisement; and affiant further says  
that he has neither paid nor promised any person, firm or  
corporation any discount, rebate, commission or refund for the  
purpose of securing this advertisement for publication in the  
said newspaper.

*C Morgan Miller*

Sworn to and subscribed before me  
this **13th** day of **September**

A.D. 19 **89**

*Barbara Johnson*  
NOTARY PUBLIC, State of Florida at Large  
My Commission Expires February 28, 1993  
Bonded by American Pioneer Casualty Insurance Co.

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental  
Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S. W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Wel-  
fare and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written com-  
ments on the proposed action to Mr.  
Bill Thomas at the Department's Tal-  
lahassee address. All comments  
mailed within 14 days of the publica-  
tion of this notice will be considered  
in the Department's final determi-  
nation.  
Legal 276. Sept. 13, 1989. 1t

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**PROOF OF PUBLICATION**

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**IN RE**

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**NEWS-JOURNAL CORPORATION**

**Daytona Beach, Florida**

**Publication Fee, \$ . . . . .**

LEGAL ADVERTISEMENT

State of Florida  
Department of Environmental  
Regulation

Notice of Intent to Issue

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

Department of Environmental  
Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

# CAPE PUBLICATIONS, INC.

**The Times**

Published Weekly on Wednesday

**THE TRIBUNE**

Published Weekly on Wednesday

**STAR-ADVOCATE**

Published Weekly on Wednesday



**Published Daily**

STATE OF FLORIDA  
COUNTY OF BREVARD

Before the undersigned authority personally appeared Linda L. Spicer who on oath says that he/she is Legal Advertising Clerk of the FLORIDA TODAY, a newspaper published in Brevard County, Florida; that the attached copy of advertising being a Legal Notice

\_\_\_\_\_ in the matter of \_\_\_\_\_  
permit to TPS Technologies Inc.

\_\_\_\_\_ in the \_\_\_\_\_ Court

was published in the FLORIDA TODAY NEWSPAPER  
in the issues of September 12, 1989

Affiant further says that the said FLORIDA TODAY NEWSPAPER is a newspaper published in said Brevard County, Florida and that the said newspaper has heretofore been continuously published in said Brevard County, Florida regularly as stated above, and has been entered as second class mail matter at the post office in COCOA, said Brevard County, Florida for a period of one year next preceeding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in said newspaper.

Linda L. Spicer  
Sworn and subscribed to before me this  
12th \_\_\_\_\_ day of \_\_\_\_\_, 1989

Cathy [Signature]  
Notary Public  
State of Florida  
My Commission Expires \_\_\_\_\_, 1982

State of Florida  
Department of  
Environmental Regulation  
Notice of Intent to Issue  
The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.  
A person whose substantial interests are affected by the department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.  
The petition shall contain the following information:  
(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;  
(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;  
(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;  
(d) A statement of the material facts disputed by Petitioner, if any;  
(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;  
(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and  
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.  
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the applications have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

1989  
SEP 14 1989

Best Available Copy  
CAPE PUBLICATIONS, INC.

**The Times**

Published Weekly on Wednesday

**THE TRIBUNE**

Published Weekly on Wednesday

**STAR-ADVOCATE**

Published Weekly on Wednesday



**Published Daily**

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday except legal holidays, at:  
Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept. Division of Environmental Science and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental Services Department  
1301 Cattlemen Road  
Sarasota, Florida 33582-9631

Orange County Environmental Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
TO099394-1T-9/12, 1989, Tuesday

FORT LAUDERDALE NEWS/SUN-SENTINEL  
PUBLISHED DAILY  
FORT LAUDERDALE, BROWARD COUNTY, FLORIDA  
BOCA RATON, PALM BEACH COUNTY, FLORIDA  
MIAMI, DADE COUNTY, FLORIDA

STATE OF FLORIDA  
COUNTY OF BROWARD/PALM BEACH/DADE  
BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY  
APPEARED J. Johnson WHO ON  
OATH SAYS THAT HE/SHE IS A DULY AUTHORIZED  
REPRESENTATIVE OF THE CLASSIFIED DEPARTMENT OF  
THE FORT LAUDERDALE NEWS/SUN-SENTINEL, DAILY  
NEWSPAPERS PUBLISHED IN BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA THAT THE ATTACHED COPY OF  
ADVERTISEMENT, BEING A

NOTICE OF INTENT  
IN THE MATTER OF  
TPS TECH.

IN THE CIRCUIT COURT, WAS PUBLISHED IN SAID  
NEWSPAPER IN THE ISSUES OF  
C, 9/14, 1X

9C340170

AFFIANT FURTHER SAYS THAT THE SAID FORT  
LAUDERDALE NEWS/SUN-SENTINEL ARE NEWSPAPERS  
PUBLISHED IN SAID BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPERS  
HAVE HERETOFORE BEEN CONTINUOUSLY PUBLISHED IN  
SAID BROWARD/PALM BEACH/DADE COUNTY, FLORIDA,  
EACH DAY, AND HAVE BEEN ENTERED AS SECOND  
CLASS MATTER AT THE POST OFFICE IN FORT  
LAUDERDALE, IN SAID BROWARD COUNTY, FLORIDA,  
FOR A PERIOD OF ONE YEAR NEXT PRECEDING THE  
FIRST PUBLICATION OF THE ATTACHED COPY OF  
ADVERTISEMENT; AND AFFIANT FURTHER SAYS THAT  
HE/SHE HAS NEITHER PAID NOR PROMISED ANY PERSON,  
FIRM OR CORPORATION ANY DISCOUNT, REBATE,  
COMMISSION OR REFUND FOR THE PURPOSE OF  
SECURING THIS ADVERTISEMENT FOR PUBLICATION  
IN SAID NEWSPAPERS.

J. Johnson  
.....  
AUTHORIZED REPRESENTATIVE

SWORN TO AND SUBSCRIBED BEFORE ME  
THIS 14 DAY OF SEPTEMBER  
A.D. 1989

Quinn A. Tarrant  
.....  
(SEAL) NOTARY PUBLIC  
Notary Public, State of Florida  
My Commission Expires Aug. 22, 1992  
Bonded Thru Troy Fain - Insurance Inc.

State of Florida  
Department of  
Environmental  
Regulation  
**Notice of Intent  
to Issue Permit**  
The Department of Environmental Regulation gives notice of its intent to issue a permit to TPS Technologies, Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TFPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.  
A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative (hearing) under Section 120.57, Florida Statutes.  
The petition shall contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by the Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.  
If a petition is filed, the

# Fort Lauderdale News/Sun-Sentinel

administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management

2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4250 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd, Suite 232  
Orlando, Florida 32803-3767

Department of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605  
Palm Beach County Health Dept.

Division of Environmental Science and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
**September 14, 1989**



# Affidavit of Publication

State of Florida  
County of Lee

Before the undersigned authority, personally appeared .....

Lydia C. Patterson, who on oath says that he/she is the

Class Oper Supr of the Fort Myers News-Press, a daily newspaper published at Fort Myers, in Lee County, Florida;

that the attached copy of advertisement, being a

Notice of Intent to Issue Permit

in the matter of

DER in the

..... Court, was published in

said newspaper in the issues of  
September 14, 1989

Affiant further says that the said Fort Myers News-Press is a paper of general circulation daily in Lee, Charlotte, Collier and Hendry Counties and published at Fort Myers, in said Lee County, Florida and that said newspaper has heretofore been continuously published in said Lee County, Florida, each day, and has been entered as a second class mail matter at the post office in Fort Myers in said Lee County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*Lydia C. Patterson*

Sworn to and subscribed before me this 14th day

September 89

A.D. 19

*[Signature]*

Notary Public

3/9/91

My commission Expires

CLASS-16

### State of Florida Department of Environmental Regulation Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time

period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

# Proof of Publication

from the  
**CITRUS COUNTY CHRONICLE**  
Inverness, Citrus County, Florida  
PUBLISHED DAILY

STATE OF FLORIDA  
COUNTY OF CITRUS

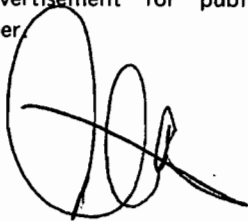
Before the undersigned authority personally  
appeared GARRY MANNING  
who on oath says that he/she is \_\_\_\_\_

PUBLISHER

of the Citrus County Chronicle, a newspaper  
published daily at Inverness in Citrus County, Florida;  
that the attached copy of advertisement being a  
public notice in the matter of the NOTICE OF  
D.E.R. NOTICE OF INTENT TO ISSUE

Court, was published in said newspaper in the  
issues of SEPTEMBER 14, 1989

Affiant further says that the Citrus County  
Chronicle is a newspaper published at Inverness  
in said Citrus County, Florida, and that the said  
newspaper has heretofore been continuously  
published in Citrus County, Florida, each week  
and has been entered as second class mail matter  
at the post office in Inverness in said Citrus  
County, Florida, for a period of one year next  
preceding the first publication of the attached  
copy of advertisement; and affiant further says  
that he/she has neither paid nor promised any  
person, firm or corporation any discount, rebate,  
commission or refund for the purpose of securing  
this advertisement for publication in the said  
newspaper.



Sworn to and subscribed before me this 14TH  
day of SEPTEMBER A.D. 19 89



(SEAL) Notary Public

Peggy R. Bailey  
Notary Public, State of Florida  
My Commission Expires Aug. 14, 1993

**PUBLIC NOTICE**  
TH-CRM 1844-0914  
State of Florida  
Department of Environmental  
Regulation

Notice of Intent to Issue

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The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

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(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Dept. of Environmental Regulation

Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794  
Dept. of Environmental Regulation

Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347  
Dept. of Environmental Regulation

South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896  
Dept. of Environmental Regulation

Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207  
Dept. of Environmental Regulation

Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767  
Dept. of Environmental Regulation

Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406  
Broward County Environmental Quality Control Board

621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310  
Dade County Dept. of Environmental Resources Management  
Jose Mari Building  
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Miami, Florida 33130

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315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

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Published one time, September 14, 1989.

**FLORIDA PUBLISHING COMPANY**  
Publisher  
JACKSONVILLE, DUVAL COUNTY, FLORIDA

STATE OF FLORIDA }  
COUNTY OF DUVAL }

Before the undersigned authority personally appeared Victoria Evans

who on oath says that he is

Retail Advertising Assistant of The Florida Times-Union,

a daily newspaper published at Jacksonville in Duval County, Florida; that the attached copy of advertisement, being a \_\_\_\_\_

Legal Notice

in the matter of \_\_\_\_\_

Notice of Intent

in the \_\_\_\_\_ Court,

was published in THE FLORIDA TIMES-UNION in the issues of \_\_\_\_\_

September 13, 1989

Affiant further says that the said The Florida Times-Union is a newspaper published at Jacksonville, in said Duval County, Florida, and that the said newspaper has heretofore been continuously published in said Duval County, Florida, The Florida Times-Union each day, has been entered as second class mail matter at the postoffice in Jacksonville, in said Duval County, Florida, for a period of one year next preceeding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in said newspaper.

Sworn to and subscribed before me  
this 14th day of  
September A.D. 1989

Notary Public,  
State of Florida at Large.

My Commission Expires \_\_\_\_\_  
Notary Public, State of Florida  
My Commission Expires Feb. 26, 1992  
Bonded thru Troy Fair Insurance Inc.

*Victoria Evans*

Environmental Management  
315 Court Street  
Clearwater, Florida 34616  
Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631  
Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

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Bureau of Air Quality Management  
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Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794  
Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347  
Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896  
Dept. of Environmental Regulation  
Northeast District  
3426 Billis Road  
Jacksonville, Florida 32207  
Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767  
Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
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Broward County Environmental Quality  
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621 South Andrews Avenue  
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Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
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Jacksonville, Florida 32202  
Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa Florida 33605  
Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402  
Pinellas County Department of

The Key West Citizen

Published Daily

Key West, Monroe County, Florida 33040

STATE OF FLORIDA)

ss.

COUNTY OF MONROE)

Before the undersigned authority personally appeared.....

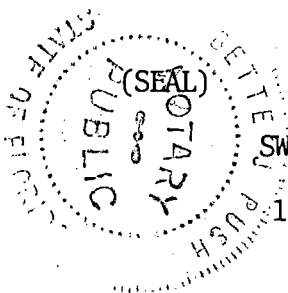
Randy Erickson, who on oath says that he is..... Retail Manger of the Key West Citizen, a daily newspaper published at Key West in Monroe County, Florida; that the attached copy of advertisement, being a *Legal*.....

In the matter of ....  
*notice of intent to  
issue permit*

was Published in said newspaper in the issues of .....  
*September 22, 89*

Affiant further says that the said The Key West Citizen is a newspaper published at Key West, in said Monroe County, Florida, and that the newspaper has heretofore been continuously published in said Monroe County, Florida, each day (except Sat.) and has been entered as second class mail matter at the Post Office in Key West, in said Monroe County, Florida, for a period of one year next preceeding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*Randy G. Erickson*



NOTARY PUBLIC STATE OF FLORIDA  
MY COMMISSION EXP JULY 27, 1992  
BONDED THRU GENERAL INS. UND.

SWORN AND SUBSCRIBED before me this 5 day of October

1989 - *Betty J. Fish* Notary Public Commission Expires -----

State of Florida  
Department of Environmental Regulation

Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any County in Florida. Best Available Control Technology (BACT) and lower Achievable Emission Rate (LEAR) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause

a violation of any ambient air quality standard of Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department's at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, with fourteen (14) days of publication this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under section 120.57, Florida Statutes.

The Petition shall contain the following information:

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

If petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the office of General Counsel at the above address of the Department. Failure to petition within

the time allowed frame constitutes a waiver of any right such person has to request a hearing under section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the proceeding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5796  
Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347  
Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896  
Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207  
Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406  
Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310  
Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202  
Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605  
Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402  
Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631  
Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806  
Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
September 21, 1989.

# THE LAKE CITY REPORTER

Lake City, Columbia County, Florida

STATE OF FLORIDA,  
COUNTY OF COLUMBIA.

Before the undersigned authority personally appeared Don L. Caldwell

who on oath says that he is Publisher of the Lake City Reporter, a newspaper published at Lake City, Columbia County, Florida; that the attached copy of advertisement, being a

Legal Advertisement

in the matter of Notice of Intent

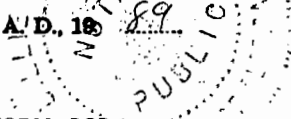
in the \_\_\_\_\_ Court, was published in said newspaper in the issues of \_\_\_\_\_

Sept. 14, 1989

Affiant further says that The Lake City Reporter is a newspaper published at Lake City in said Columbia County, Florida, and that the said newspaper has heretofore been continuously published in said Columbia County, Florida, and has been entered as second class mail matter at the post office in Lake City, in said Columbia County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Notary Public, State of Florida  
My Commission Expires Sept. 21, 1991

Sworn to and subscribed before me this 22nd day of Sept



Don L. Caldwell

Bilue m Buller  
Notary Public

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue  
The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable.25 TPH soil remediation units with air pollution from each unit controlled by a high-ouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.  
A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes. The Petition shall contain the following information:  
(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;  
(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

# THE LAKE CITY REPORTER

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's ac-

tion or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

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Department of Environmental Regulation

Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2856

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental  
Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

7679  
Sept 14, 1989



# AFFIDAVIT OF PUBLICATION

## THE LEDGER Lakeland, Polk County, Florida

Case No.....

Attach Notice Here

STATE OF FLORIDA )  
COUNTY OF POLK )

Before the undersigned authority personally appeared Stephen DeWitt, who on oath says that he is Controller of The Ledger, a daily newspaper published at Lakeland in Polk County, Florida; that the attached copy of advertisement, being a .....

Notice of Intent .....

in the matter of .....

Issue Permit .....

in the .....

Court, was published in said newspaper in the issues of .....

September 14; 1989 .....

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed .....

*Stephen P. DeWitt*  
Controller

Sworn to and subscribed before me this..... 15th .....

day of September ..... A.D. 19 89 .....

(Seal)

*Charles Webb*

Notary Public  
NOTARY PUBLIC, STATE OF FLORIDA,  
MY COMMISSION EXPIRES: JUNE 25, 1991.  
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

My Commission Expires .....

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
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If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 285.207, F.A.C.

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



# THE LEDGER(LAKELAND, POLK COUNTY)

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2249 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Martí Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

K419 — 9-14, 1989

# Daily Commercial



A New York Times Company

STATE OF FLORIDA  
COUNTY OF LAKE:

Before the undersigned authority personally appeared E.A. Nichols, Jr., who on oath says that he is Vice President and Publisher of the Daily Commercial, a daily newspaper published at Leesburg in Lake County, Florida, that the attached copy of advertisement, being No. 9CBS00500

Notice of Intent to Issue in the matter of

in the Circuit Court,

was published in said newspaper in the issues of September 13, 1989

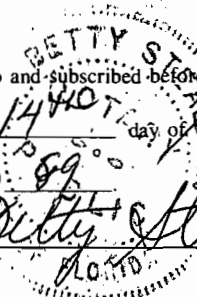
Affiant further says that the said Daily Commercial is a newspaper published at Leesburg, in said Lake County, Florida and that the said newspaper has heretofore been continuously published in said Lake County, Florida except Saturday and has been entered as second class mail matter at the post office in Leesburg in said Lake County, Florida, for a period of one year next preceeding the first publication of the attached copy of advertisement: and affiant further says that he has neither paid nor promise any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me

this 14th day of September

A.D. 1989

(SEAL)



Notary Public, State of Florida at Large  
My Commission Expires Oct. 21, 1991

RECEIVED SEP 18 1989

State of Florida  
Department of  
Environmental Reg-  
ulation Notice of  
Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207 F.A.C.

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

Department of Environmental Regulation,  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2986

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

## LEESBURG DAILY COMMERCIAL

Dept. of Environmental  
Regulation  
Central Florida District  
3319 Maguire Blvd., Suite  
232  
Orlando, Florida 32803-3767

Dept. of Environmental  
Regulation  
Southeast Florida District  
1900 S. Congress Avenue,  
Suite A  
West Palm Beach, Florida  
33406

Broward County Environ-  
mental Quality Control  
Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida  
33310

Dade County Dept. of En-  
vironmental Resources  
Management  
Jose Marti Building  
801 S.W. 3rd Avenue,  
2nd Floor  
Miami, Florida 33130

Duval County Dept. of  
Health, Welfare and Bio-  
Environmental Services  
421 West Church Street,  
Suite 412  
Jacksonville, Florida 32202

Hillsborough County Envi-  
ronmental Protection  
Commission  
1410 North 21st Street

Administrative proceeding (hear-  
ing) in accordance with  
Section 120.57, Florida  
Statutes. The petition must  
contain the information set  
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filed (received) in the Of-  
fice of General Counsel of  
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Blair Stone Road, Talla-  
hassee, Florida 32399-2400,  
within fourteen (14) days  
of publication of this no-  
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a copy of the petition to the  
applicant at the address in-  
dicated above at the time  
of filing. Failure to file a  
petition within this time  
period shall constitute a  
waiver of any right such  
person may have to re-  
quest an administrative  
determination (hearing)  
under Section 120.57, Flor-  
ida Statutes.

The petition shall contain  
the following information:

- (a) The name, address,  
and telephone number of  
each petitioner, the appli-  
cant's name and address,  
the Department Permit  
File Number and the coun-  
ty in which the project is  
proposed;
- (b) A statement of how and  
when each petitioner re-  
ceived notice of the De-  
partment's action or pro-  
posed action;

(c) A statement of how  
each petitioner's substan-  
tial interest are affected  
by the Department's ac-  
tion or proposed action;

(d) A statement of the ma-  
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titioner, if any;

(e) A statement of facts  
which petitioner contends  
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ment's action or proposed  
action;

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contends require reversal  
or modification of the De-  
partment's action or pro-  
posed action; and

(g) A statement of the re-  
lief sought by petitioner,  
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petitioner wants the De-  
partment to take with re-  
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action or proposed action.

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by any decision of the De-  
partment with regard to  
the application have the  
right to petition to become  
a party to the proceeding.  
The petition must conform  
to the requirements speci-  
fied above and be filed (re-  
ceived) within 14 days of  
publication of this notice in  
the Office of General Coun-  
sel at the above address of  
the Department. Failure to  
petition within the allowed

Tampa, Florida 33605

Palm Beach County Health  
Dept. Division of Environ-  
mental Science and  
Engineering  
901 E. Evernia Street  
West Palm Beach, Florida  
33402

Pinellas County Depart-  
ment of Environmental  
Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environ-  
mental Services  
Department  
1301 Cattleman Road  
Sarasota, Florida 33582-  
9631

Orange County Environ-  
mental Protection  
Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send writ-  
ten comments on the pro-  
posed action to Mr. Bill  
Thomas at the Depart-  
ment's Tallahassee ad-  
dress. All comments  
mailed within 14 days of  
the publication of this no-  
tice will be considered in  
the Department's final  
determination.

# Jackson County Floridan

104 E. Lafayette St.

P. O. Box 520

Marianna, Fla. 32446

TPS Technologies Inc.  
12068 Market Street  
Livonia, Michigan 48150  
Attn: Ms. Carrie Atzinger

Legal Invoice

September 13, 1989

No. 4208

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

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- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

Before the undersigned authority personally appeared

Joseph E. Hardwick, who on oath says

that (s)he is General Manager of the Jackson County Floridan, a daily newspaper published at Marianna, in Jackson County, Florida; that the attached copy of advertisement, in the matter mentioned, was published in said newspaper in the issues shown.

Affiant further states that the said Jackson County Floridan is a newspaper published at Marianna, in said Jackson County, Florida, and that the said newspaper has heretofore been continuously published in said Jackson County, Florida, each day (Monday and Saturday excepted) and has been entered as second class mail matter at the post office in Marianna, in said Jackson County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Inches 18.7 Rate 4.43 Amount \$ 82.84

**Description:** STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF INTENT TO ISSUE

Published: 1T: September 13, 1989

Sworn to and subscribed before me this 20<sup>th</sup>

day of September, A.D. 1989

Lois A. Spradler  
Notary Public, State of Florida at Large

My Commission Expires 10-19-91

# MARIANNA JACKSON COUNTY FLORIDAN

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental  
Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health,  
Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue

Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

11: September 13, 1989

4208

PUBLISHED DAILY  
MIAMI - DADE - FLORIDA

STATE OF FLORIDA  
COUNTY OF DADE:

Before the undersigned authority personally appeared

ANN MARTULA

who on oath says that he/she is

CUSTODIAN OF RECORDS

of The Miami Herald, a daily newspaper published at Miami in Dade County, Florida; that the attached copy of advertisement was published in said newspaper in the issues of

SEPTEMBER 14, 1989

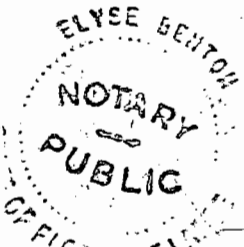
Affiant further says that the said The Miami Herald is a newspaper published at Miami, in the said Dade County, Florida and that the said newspaper has heretofore been continuously published in said Dade County, Florida, each day and has been entered as second class mail matter at the post office in Miami, in said Dade County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*Ann Martula*

Sworn to and subscribed before me this.....14th.....

day of .....September.....A.D. 19.89.....

My commission expires.....*Elyse Benton*.....



NOTARY PUBLIC STATE OF FLORIDA  
MY COMMISSION EXP. MAR 15, 1991  
BONDED THRU GENERAL INS. UND.

the Department. Failure to petition within the allowed time frame constitutes a

State of Florida  
Department of  
Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Tech-

nologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPH particulate matter, 37.5 TPH VOC, and 73.4 TPH SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of the publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed actions; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests are affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of

of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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Bureau of Air Quality Management  
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Tallahassee, Florida  
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160 Governmental Center  
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Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida  
33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd.,  
Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue,  
Suite A  
West Palm Beach, Florida  
33406

Broward County Environmental Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida  
33310

Dade County Dept. of Environmental Resources  
Jose Martí Building  
801 S.W. 3rd Avenue,  
2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare and Bio-Environmental Services  
421 West Church Street,  
Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida  
33402

Pinellas County Department of Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental Services Department  
1301 Callie Man Road  
Sarasota, Florida 33582-9631

Orange County Environmental Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill

any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding, will expire at the approval

Thomas, at the Department's Tallahassee office. All days of the publication of this notice will be considered in the Department's final determination.

NAPLES DAILY NEWS  
Published Daily  
Naples, Florida 33940

## Affidavit of Publication

State of Florida  
County of Collier

Before the undersigned authority, personally appeared  
Nina Iverson, who on oath says that  
he is the Ass't Secretary of the Naples Daily News,  
a daily newspaper published by Collier County Publishing  
Co., Inc., at Naples, Collier County, Florida, that the  
attached copy of advertisement, being a

Notice of Intention to Issue Permit  
DER

in the matter of TPS Technologies

in the \_\_\_\_\_ Court, was published in  
said newspaper in the issues of  
Sept 14, 1989

Affiant further says that the said Naples Daily News is a newspaper  
published by Collier County Publishing Co., Inc., at Naples, in said  
Collier County, Florida and that the said newspaper has heretofore  
been continuously published in said Collier County, Florida, each day,  
and has been entered as second class mail matter at the post office in  
Naples, in said Collier County, Florida, for a period of one year next  
preceding the first publication of the attached copy of advertisement;  
and affiant further says that he has neither paid nor promised any  
person, firm or corporation any discount, rebate, commission or  
refund for the purpose of securing this advertisement for publication  
in the said newspaper.

Nina Iverson  
Sworn to and subscribed before me this 14th day  
of September, A.D. 19 89

Nancy Cross  
Notary Public  
Notary Public, State of Florida

My Commission Expires July 12, 1991

Bonded Thru Troy Fain - Insurance Inc.

STATE OF FLORIDA  
DEPARTMENT OF  
ENVIRONMENTAL REGULATION  
NOTICE OF INTENTION TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

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The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the Project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

## NAPLES DAILY NEWS

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in the Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794  
Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347  
Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896  
Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road

Jacksonville, Florida 32207  
Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd. Suite 232  
Orlando, Florida 32803-3767  
Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406  
Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310  
Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
S.W. 3rd Avenue 2nd Floor  
Miami, Florida 33130  
Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202  
Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605  
Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402  
Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616  
Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631  
Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Sept. 14

No. 2712



# Daily News NORTHWEST FLORIDA

Published Daily  
Fort Walton Beach, Florida

State of Florida }  
County of Okaloosa }

Before the undersigned authorized personally appeared \_\_\_\_\_  
Theresa Thomas, who on oath says that (s)he  
is Acct. Asst. of the Northwest Florida Daily News, a daily  
newspaper published at Fort Walton Beach, in Okaloosa County, Florida;  
that the attached copy of advertisement, being a legal  
in the matter of NOTICE OF INTENT

in the \_\_\_\_\_  
Court, was published in said newspaper in the issues of \_\_\_\_\_  
September 13, 1989

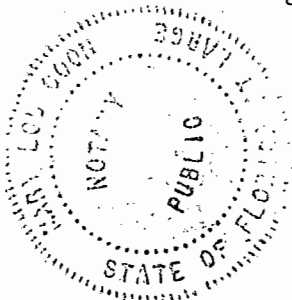
Affiant further says that the said Northwest Florida Daily News is a newspaper published at Fort Walton Beach, in said Okaloosa County, Florida, and that the said newspaper has heretofore been continuously published in said Okaloosa County, Florida, each day, and has been entered as second class mail matter at the post office in Fort Walton Beach, in said Okaloosa County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Theresa Thomas

Sworn to and subscribed before me this 4th day of  
October, A.D. 19 89.

Mary Lee Coon

Notary Public, State of Florida at Large  
My Commission Expires JULY 20, 1990



Leg: 307  
State of Florida Department of Environmental Regulation  
Notice of Intent to Issue  
The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.  
A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.  
The Petition shall contain the following information:  
(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;  
(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;  
(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;  
(d) A statement of the material facts disputed by Petitioner, if any;  
(e) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and  
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

# NORTHWEST FLORIDA DAILY NEWS

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C. The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

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Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Dept. of Environmental Regulation  
Northwest District  
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Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
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Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue,  
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West Palm Beach, Florida 33406  
Broward County Environmental Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310  
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Miami, Florida 33130  
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Pinellas County Department of Environmental Management  
315 Court Street  
Clearwater, Florida 34616  
Sarasota County Environmental Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631  
Orange County Environmental Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806  
Any person may send written comments on the proposed action to Mr. Bill Thomas of the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
Leg: 307 Sept. 13, 1989.

## FORT MYERS NEWS-PRESS

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) a statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

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The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays:

Dept. of Environmental Regulation, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation, Northwest District, 160 Governmental Center, Pensacola, Florida 32501-5794

Dept. of Environmental Regulation, Southwest District, 4520 Oak Fair Boulevard, Tampa, Florida 33610-7347

Dept. of Environmental Regulation, South Florida District, 2269 Bay Street, Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation, Northeast District, 3426 Bills Road, Jacksonville, Florida 32207

Dept. of Environmental Regulation, Central Florida District, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803-3767

Dept. of Environmental Regulation, Southeast Florida District, 1900 S. Congress Avenue, Suite A, West Palm Beach, Florida 33406

Broward County Environmental Quality Control Board, 621 South Andrews Avenue, Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental Resources Management, Jose Marti Building, 801 S.W. 3rd Avenue, 2nd Floor, Miami, Florida 33130

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Pinellas County Department of Environmental Management, 315 Court Street, Clearwater, Florida 34616

Sarasota County Environmental Services Department, 1301 Cattlemen Road, Sarasota, Florida 33582-9631

Orange County Environmental Protection Department, 2002 E. Michigan Avenue, Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Sep. 14 No. 4837

# THE TRIBUNE

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

STATE OF FLORIDA  
COUNTY OF ST. LUCIE

Before the undersigned authority personally appeared David T. Rutledge or Kathleen K. McClair, who on oath says that he/she is publisher, business manager of The Tribune, a daily newspaper published at Fort Pierce in St. Lucie County, Florida; that the attached copy of the advertisement, being a Notice in the matter of Permits TPS Technologies, Inc.

was published in said newspaper in the issues of 9/13/89

Affiant further says that The Tribune is a newspaper published at Fort Pierce, in said St. Lucie County, Florida, and that the said newspaper has heretofore been continuously published in said St. Lucie County, Florida, each day and has been entered as second class mail matter at the post office in Fort Pierce, in said St. Lucie County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement, and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Witness my hand and subscribed before me this 13th day of September

*Charles R. ...*  
(SEAL) Notary Public

*David T. Rutledge*  
NOTARY PUBLIC STATE OF FLORIDA  
MY COMMISSION EXP. DEC. 13, 1991  
BONDED THRU GENERAL INS. UND.

FORT PIERCE NEWS TRIBUNE

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No. 08999  
State of Florida  
Department of Environmental Regulation

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If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be

right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

- Department of Environmental Regulation Bureau of Air Quality Management 2600 Blair Stone Road Tallahassee, Florida 32399-2400
  - Dept. of Environmental Regulation Northwest District 160 Governmental Center Pensacola, Florida 32501-5794
  - Dept. of Environmental Regulation Southwest District 4520 Oak Fair Boulevard Tampa, Florida 33610-7347
  - Dept. of Environmental Regulation South Florida District 2269 Bay Street Ft. Myers, Florida 33901-2896
  - Dept. of Environmental Regulation Northeast District 3426 Bills Road Jacksonville, Florida 32207
  - Dept. of Environmental Regulation Central Florida District 3319 Maguire Blvd., Suite 232 Orlando, Florida 32803-3767
  - Dept. of Environmental Regulation Southeast Florida District 1900 S. Congress Avenue, Suite A West Palm Beach, Florida 33406
  - Broward County Environmental Quality Control Board 621 South Andrews Avenue Ft. Lauderdale, Florida 33310
  - Dade County Dept. of Environmental Resources Management Jose Martí Building 801 S.W. 3rd Avenue, 2nd Floor Miami, Florida 33130
  - Duval County Dept. of Health, Welfare and Bio-Environmental Services 421 West Church Street, Suite 412 Jacksonville, Florida 32202
  - Hillsborough County Environmental Protection Commission 1410 North 21st Street Tampa, Florida 33605
  - Palm Beach County Health Dept. Division of Environmental Science and Engineering 901 E. Evernia Street West Palm Beach, Florida 33402
  - Pinellas County Department of Environmental Management 315 Court Street Clearwater, Florida 34616
  - Sarasota County Environmental Services Department 1301 Cattleman Road Sarasota, Florida 33582-9631
  - Orange County Environmental Protection Department 2002 E. Michigan Avenue Orlando, Florida 32806
- Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this

notice will be considered in the Department's final determination.  
PUBLISH: September 13, 1989.

No 1605

STATE OF FLORIDA  
COUNTY OF ALACHUA

**THE GAINESVILLE SUN**  
Published Daily and Sunday  
**GAINESVILLE, FLORIDA**

Before the undersigned authority personally appeared ..... Dorothea Clark

who on oath says that he/she is ..... Nat'l Advertising Manager ..... of THE GAINESVILLE SUN, a daily newspaper published at Gainesville in Alachua County, Florida, that the attached copy of advertisement, being a

..... Notice Of Intent To Issue

..... in the matter of ..... Permits-TPS TECHNOLOGIES, INC. ....

in the ..... Court, was published in said newspaper in the issue of,

..... SEPTEMBER 13, ..... 19 89

Affiant further says that the said THE GAINESVILLE SUN is a newspaper published at Gainesville, in said Alachua County, Florida, and that the said newspaper has heretofore been continuously published in said Alachua County, each day, and has been entered as second class mail matter at the post office in Gainesville, in said Alachua County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount for publication in the said newspaper.

Sworn to and subscribed before me this

..... 18 day of Sept 89 A.D. 19.....

*Barbara M. Rosko*  
.....  
(Seal) Notary Public

*Dorothea Clark*  
.....

Notary Public, State of Florida  
My Commission Expires May 20, 1992  
Bonded thru Troy Fain - Insurance Inc.

# THE GAINESVILLE SUN

## State of Florida Department of Environmental Regulation

### Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies, Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400,

within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 20-5.207, F.A.C.

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

Department of Environmental Regulation, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation, Northwest District, 160 Governmental Center, Pensacola, Florida 32501-5794

Dept. of Environmental Regulation, Southwest District, 4520 Oak Fair Boulevard, Tampa, Florida 33610-7347

Dept. of Environmental Regulation, South Florida District, 2269 Bay Street, Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation, Northeast Division, 3426 Bills Road, Jacksonville, Florida 32207

Dept. of Environmental Regulation, Central Florida District, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803-3767

Dept. of Environmental Regulation, Southeast Florida District, 1900 S. Congress Avenue, Suite A, West Palm Beach, Florida 33406

Broward County Environmental Quality Control Board, 621 South Andrews Avenue, Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental Resources Management, Jose Martí Building, 801 S.W. 3rd Avenue, 2nd Floor, Miami, Florida 33130

Duval County Dept. of Health, Welfare and Bio-Environmental Services, 421 West Church Street, Suite 412, Jacksonville, Florida 32203

Hillsborough County Environmental Protection Commission, 1410 North 21st Street, Tampa, Florida 33605

Palm Beach County Health Dept., Division of Environmental Science and Engineering, 901 E. Evernia Street, West Palm Beach, Florida 33402

Pinellas County Department of Environmental Management, 315 Court Street, Clearwater, Florida 34616

Sarasota County Environmental Services Department, 1301 Cattleman Road, Sarasota, Florida 33582-9631

Orange County Environmental Protection Department, 2002 E. Michigan Avenue, Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

**PROOF OF PUBLICATION**  
**THE OCALA STAR-BANNER**  
 Published—Daily  
 OCALA, MARION COUNTY, FLORIDA

STATE OF FLORIDA,  
 COUNTY OF MARION.

Before me the undersigned authority personally appeared Lynn Maxwell, who on oath says that he is Classified manager of the Ocala Star-Banner, a daily newspaper published at Ocala, in Marion County, Florida; that the attached copy of advertisement, being a notice in the matter of #9B008-Notice of Intent to Issue

\_\_\_\_\_ in the \_\_\_\_\_ Court, was published in said newspaper in the issues of September 13, 1989

Affiant further says that the said THE OCALA STAR-BANNER is a daily newspaper published at Ocala, in said Marion County, Florida, and that the said newspaper has heretofore been continuously published in said Marion County, Florida, daily, and has been entered as second class mail matter at the post office in Ocala, in said Marion County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or cooperation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

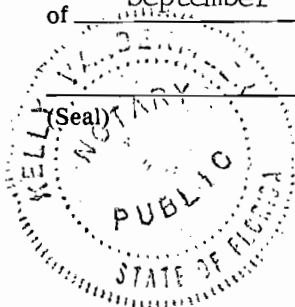
*Lynn Maxwell*

Sworn to and subscribed before me this 13 day

of September, A.D., 1989

*Heeley Vanderveer*  
 Notary Public

Notary Public, State of Florida  
 My Commission Expires Sept. 1, 1990  
 Bonded Thru Troy Fain - Insurance Inc.



State of Florida  
 Department of Environmental Regulation  
**Notice of Intent to Issue**

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and after-burner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determination were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information:

- The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- A statement of how and when each petitioner received notice of the Department's action or proposed action;
- A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- A statement of the material facts disputed by Petitioner, if any;
- A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28.51207, F.A.C.

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

Department of Environmental Regulation  
 Bureau of Air Quality Management  
 260 Blair Stone Road  
 Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
 Northwest District  
 160 Governmental Center  
 Pensacola, Florida 32501-5794

THE OCALA STAR-BANNER

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental  
Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of  
Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health  
Welfare and Bio-Environmental  
Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science

and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written com-  
ments on the proposed action to  
Mr. Bill Thomas at the Depart-  
ment's Tallahassee address. All  
comments mailed within 14 days of  
the publication of this notice will be  
considered in the Department's fi-  
nal determination.  
No. 98008 — September 13,  
1989



# The Orlando Sentinel

Published Daily  
Orlando, Orange County, Florida

State of Florida ) ss.  
COUNTY OF ORANGE

ADVERTISING CHARGE \$226.47 Paid

Before the undersigned authority personally appeared  
Virginia E. Skurow, who on oath says that  
she is the Legal Advertising Representative of the Orlando Sentinel, a Daily newspaper  
published at Orlando, in Orange County, Florida; that the attached copy of ad-  
vertisement, being a Notice of Intent to Issue in the matter of  
permit to TPS Technologies, Inc.  
in the \_\_\_\_\_ Court,  
was published in said newspaper in the issues of \_\_\_\_\_  
September 13, 1989

Affiant further says that the said Orlando Sentinel is a newspaper published at Orlando, in  
said Orange County, Florida, and that the said newspaper has heretofore been continuously  
published in said Orange County, Florida, each Week Day and has been entered as second-  
class mail matter at the post office in Orlando, in said Orange County, Florida for a period of  
one year next preceding the first publication of the attached copy of advertisement; and af-  
fiant further says that he/she has neither paid nor promised any person, firm or corporation  
any discount, rebate, commission or refund for the purpose of securing this advertisement for  
publication in the said newspaper.

Virginia E. Skurow

Sworn to and subscribed before me this 13th day

of 13 September A.D. 19 89

Nancy A. Poplin  
Notary Public  
My Commission Expires May 25, 1991  
NOTARY PUBLIC, State of Florida at Large

FORM NO. AD-262

### State of Florida Department of Environmental Regulation

#### Notice of Intent to Issue

The Department of Environ-  
mental Regulation hereby gives  
notice of its intent to issue per-  
mits to TPS Technologies Inc.,  
2070 S. Orange Blossom Trail,  
Apopka, Florida 32703, to con-  
struct eight portable 25 TPH soil  
remediation units with air pollu-  
tion from each unit controlled by  
a baghouse and afterburner.  
The units will be authorized to  
operate in any county in Florida.  
Best Available Control Techno-  
logy (BACT) and Lowest Achie-  
vable Emission Rate (LAER) de-  
terminations were not required.  
Each unit may emit 11.7 TPY  
particulate matter, 97.5 TPY  
VOC, and 73.4 TPY SO<sub>2</sub>. These  
emissions will not cause a viola-  
tion of any ambient air quality  
standard or Prevention of Signifi-  
cant Deterioration (PSD)  
increment.

A person whose substantial  
interests are affected by the De-  
partment's proposed permitting  
decision may petition for an ad-  
ministrative proceeding (hear-  
ing) in accordance with Section  
120.57, Florida Statutes. The pe-  
tition must contain the informa-  
tion set forth below and must be  
filed (received) in the Office of  
General Counsel of the Depart-  
ment at 2600 Blair Stone Road,  
Tallahassee, Florida 32399-2400,  
within fourteen (14) days of pub-  
lication of this notice. Petitioner  
shall mail a copy of the petition  
to the applicant at the address  
indicated above at the time fil-  
ing. Failure to file a petition with-  
in this time period shall consti-  
tute a waiver of any right such  
person may have to request an  
administrative determination  
(hearing) under Section 120.57,  
Florida Statutes.

The Petition shall contain the  
following information:

- (a) The name, address, and  
telephone number of each peti-  
tioner, the applicant's name and  
address, the Department Permit  
File Number and the county in  
which the project is proposed;
- (b) A statement of how and  
when each petitioner received  
notice of the Department's ac-  
tion or proposed action;
- (c) A statement of how each  
petitioner's substantial interests  
are affected by the Department's  
action or proposed action;
- (d) A statement of the material  
facts disputed by Petitioner, if  
any.

# ORLANDO SENTINEL

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it, in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any rights such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Department of Environmental Regulations, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

Dept. of Environmental  
Regulation

Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental  
Regulation

Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental  
Regulation

South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental  
Regulation

Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental  
Regulation

Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental  
Regulation

Southeast Florida District  
1900 S. Congress Avenue, Suite  
A

West Palm Beach, Florida 33406  
Broward County Environmental  
Quality Control Board

621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environ-  
mental Resources Management

Jose Marti Building  
801 S. W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health,  
Welfare and Bio-Environmental  
Services

421 West Church Street, Suite  
412  
Jacksonville, Florida 32202

Hillsborough County Environ-  
mental Protection Commission  
1410 North 21st Street

Tampa, Florida 33605  
Palm Beach County Health  
Dept.

Division of Environmental  
Science and Engineering  
901 E. Evernia Street

West Palm Beach, Florida 33402  
Pinellas County Department of  
Environmental Management

315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road

Sarasota, Florida 33582-9631  
Orange County Environmental  
Protection Department

2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written  
comments on the proposed ac-  
tion to Mr. Bill Thomas at the  
Department's Tallahassee ad-  
dress. All comments mailed  
within 14 days of the publication  
of this notice will be considered  
in the Department's final  
determination.

CL:813 Sept. 13, 1989

PUBLIC NOTICE

State of Florida  
Department of  
Environmental  
Regulation  
Notice of  
Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies, Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

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- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
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If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the

STATE OF FLORIDA }  
County of Putnam } SS:

Personally appeared before me, a Notary Public for the State of Florida at Large, Joyce Guthrie who deposes and says that she is Business Office Manager of The Palatka Daily News, a daily newspaper printed in the English Language and of general circulation, published in the City of Palatka, in said County and State; and that the attached order, notice, publication and/or advertisement of State of Florida: Department fo Environmental Regualtion Notice of Intent to Issue

was published in said newspaper The Palatka Daily News, Inc. for a period of One Insertion consecutively, Beginning September 13, 1989 and ending September 13, 1989 said publication being made on the following dates:  
September 13, 1989

*And deponent further says that The Palatka Daily News has been continuously published as a daily newspaper, and has been entered as second class mail matter at the postoffice at the City of Palatka, Putnam County, Florida, each for a period of more than one year next preceding the date of the first publication of the above described order, notice, publication and/or advertisement.*

Subscribed and sworn to before me this

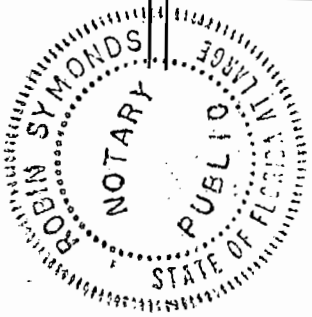
13th day of September, A. D. 1989

Robin Symonds

Notary Public  
State of Florida at Large  
My Commission Expires March 17, 1992

*Joyce Guthrie*

No. 22383



## Palatka Daily News

Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation, Northwest District, 160 Governmental Center, Pensacola, Florida 32501-5794

Dept. of Environmental Regulation, Southwest District, 4520 Oak Fair Boulevard, Tampa, Florida 33610-7347

Dept. of Environmental Regulation, South Florida District, 2269 Bay Street, Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation, Northeast District, 3426 Bills Road, Jacksonville, Florida 32207

Dept. of Environmental Regulation, Central Florida District, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803-3767

Dept. of Environmental Regulation, Southeast Florida District, 1900 S. Congress Avenue, Suite A, West Palm Beach, Florida 33406

Broward County Environmental Quality Control Board, 621 South Andrews Avenue, Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental Resources Management, Jose Marti Building, 801 S.W. 3rd Avenue, 2nd Floor, Miami, Florida 33130

Duval County Dept. of Health, Welfare and Bio-Environmental Services, 421 West Church Street, Suite 412, Jacksonville, Florida 32202

Hillsborough County Environmental Protection Commission, 1410 North 21st Street, Tampa, Florida 33605

Palm Beach County Health Dept., Division of Environmental Science and Engineering, 901 E. Evernia Street, West Palm Beach, Florida 33402

Pinellas County Department of Environmental Management, 315 Court Street, Clearwater, Florida 34616

Sarasota County Environmental Services Department, 1301 Cattleman Road, Sarasota, Florida 33582-9631

Orange County Environmental Protection Department, 2002 E. Michigan Avenue, Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

September 13, 1989 22383

# Florida Freedom Newspapers, Inc.

PUBLISHERS OF THE NEWS - HERALD

Panama City, Bay County, Florida

Published Daily

State of Florida

County of Bay

Before the undersigned authority appeared \_\_\_\_\_

Scott Walker \_\_\_\_\_, who on oath says that (s)he

is Advertising Director \_\_\_\_\_ of the News-Herald, a daily

newspaper published at Panama City, in Bay County, Florida; that the attached copy

of advertisement, being a Legal Notice \_\_\_\_\_

in the matter of Notice of Intent \_\_\_\_\_

In the Bay County \_\_\_\_\_

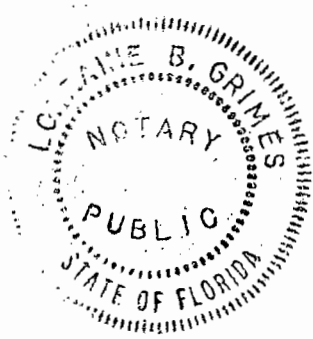
Court, was published in said newspaper in the issues of \_\_\_\_\_

September 15, 1989

Affiant further says that the News-Herald is a direct successor of the Panama City News and that this publication, together with its direct predecessor, has been continuously published in said Bay County, Florida, each day (except that the predecessor, Panama City News, was not published on Sundays), and that this publication, together with its said predecessor, has been entered as a second class mail matter at the post office in Panama City in said Bay County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement, all in accordance with the provisions of section 49.03, Florida Statutes; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this 15th day of

September \_\_\_\_\_, A. D., 19 89



*Lorraine B. Grimes*  
Notary Public, State of Florida at Large

My Commission Expires \_\_\_\_\_  
Notary Public, State of Florida  
My Commission Expires Aug. 25, 1992  
Bonded Thru Troy Fain - Insurance Inc.

The Department of Environmental Regulation hereby gives notice of its intent to issue Permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

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

PANAMA CITY NEWS-HERALD

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the Position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to Participate as a Party to this Proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida  
32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida  
32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida  
33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue,  
Suite A  
West Palm Beach, Florida  
33406

Broward County Environmental Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida  
33402

Pinellas County Department of Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental Services Department  
1301 Cattleman Road  
Sarasota, Florida  
33582-9631

Orange County Environmental Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the Proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
Sept. 15, 1989

PENSACOLA  
**News Journal**

PUBLISHED DAILY  
PENSACOLA, ESCAMBIA COUNTY, FLORIDA

State of Florida,  
County of Escambia.

Before the undersigned authority personally appeared

Cindy Vance

who on oath says that she is Legal Advertising Supervisor of the Pensacola News Journal, a daily newspaper published at Pensacola in Escambia County, Florida; with general circulation in Escambia, Santa Rosa, Okaloosa and Walton Counties that the attached copy of advertisement, being a NOTICE in the matter of

Notice of Intent to Issue,

\_\_\_\_\_ in the \_\_\_\_\_ Court,

was published in said newspaper in the issues of \_\_\_\_\_

September 13, 1989

Affiant further say that the said The Pensacola News Journal is a newspaper published at Pensacola, in said Escambia County, Florida, and that the said newspaper has heretofore been continuously published in said Escambia County, Florida, each day and has been entered as second class mail matter at the post office in Pensacola, in said Escambia County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

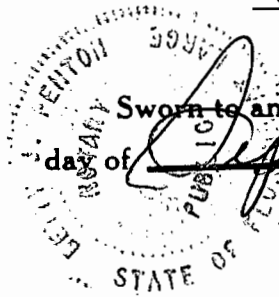
Cindy Vance

Sworn to and subscribed before me this \_\_\_\_\_

day of Sept A.D., 1989

Perry J. Weston

NOTARY PUBLIC.



My Commission Expires October 26, 1991

**LEGAL NOTICE LEGAL NOTICE**

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies, Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units, with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TYP SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A Person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

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

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by if in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

## PENSACOLA NEWS JOURNAL

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Legal No. 36619 IT Sept. 13, 1989



SARASOTA HERALD-TRIBUNE  
PUBLISHED DAILY  
SARASOTA, SARASOTA COUNTY, FLORIDA

AD NUMBER 11488226

THERMAL PROCESS SYSTEMS, INC.  
ATTN: MR. ROBERT FOX  
2070 SO. ORANGE BLOSSOM TRAIL  
APOPKA, FL 32703

STATE OF FLORIDA  
COUNTY OF SARASOTA

BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY APPEARED  
VALENTINAS L. KURAPKA, WHO ON OATH SAYS HE IS CLASSIFIED  
ADVERTISING MANAGER OF THE SARASOTA HERALD-TRIBUNE, A  
DAILY NEWSPAPER PUBLISHED AT SARASOTA, IN SARASOTA COUNTY  
FLORIDA; AND CIRCULATED IN SARASOTA COUNTY DAILY; THAT  
THE ATTACHED COPY OF ADVERTISEMENT, BEING A NOTICE IN  
THE MATTER OF: STATE OF FLORIDA

IN THE COURT, WAS PUBLISHED IN SARASOTA EDITION  
OF SAID NEWSPAPER IN THE ISSUES OF:

SEP 26, 1989

AFFIANT FURTHER SAYS THAT THE SAID SARASOTA HERALD-  
TRIBUNE IS A NEWSPAPER PUBLISHED AT SARASOTA, IN SAID  
SARASOTA COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPER  
HAS THERETOFORE BEEN CONTINUOUSLY PUBLISHED IN SAID  
SARASOTA COUNTY, FLORIDA, EACH DAY, AND HAS BEEN  
ENTERED AS SECOND CLASS MAIL MATTER AT THE POST OFFICE IN  
SARASOTA, IN SAID SARASOTA COUNTY, FLORIDA, FOR A  
PERIOD OF ONE YEAR NEXT PRECEDING THE FIRST PUBLICATION  
OF THE ATTACHED COPY OF ADVERTISEMENT; AND AFFIANT FURTHER  
SAYS THAT HE HAS NEITHER PAID NOR PROMISED ANY PERSON,  
FIRM OR CORPORATION ANY DISCOUNT, REBATE, COMMISSION OR  
REFUND FOR THE PURPOSE OF SECURING THIS ADVERTISEMENT FOR  
PUBLICATION IN THE SAID NEWSPAPER.

SIGNED

*Valentinos L. Kurapka*

SWORN TO AND SUBSCRIBED BEFORE ME THIS 26TH DAY OF  
SEPTEMBER A.D., 1989.

(SEAL)

*Robert J. Clark*

NOTARY PUBLIC STATE OF FLORIDA  
MY COM. EXPIRES OCT. 11, 1992  
BOUNDED BY THE REAL M.S. UND.

NOTARY PUBLIC

# SARASOTA HERALD-TRIBUNE

STATE OF FLORIDA  
DEPARTMENT OF  
ENVIRONMENTAL REGULATION  
NOTICE OF INTENT TO ISSUE PERMIT

The Department gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determination were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A Person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- A statement of how and when each petitioner received notice of the Department's action or proposed action;
- A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
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- A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action. If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at Department of Environmental Regulation, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33601-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Martí Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Service Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

September 26, 1989

COPY OF ADVERTISEMENT

State of Florida  
Department of  
Environmental  
Regulation  
Notice of Intent  
To Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

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- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
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If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion

filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation, Northwest District, 160 Governmental Center, Pensacola, Florida 32501-5794

Dept. of Environmental Regulation, Southwest District, 4520 Oak Fair Boulevard, Tampa, Florida 33610-7347

Dept. of Environmental Regulation, South Florida District, 2269 Bay Street, Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation, Northeast District, 3426 Bills Road, Jacksonville, Florida 32207

Dept. of Environmental Regulation, Central Florida District, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803-3767

Dept. of Environmental Regulation, Southeast Florida District, 1900 S. Congress Avenue, Suite A, West Palm Beach, Florida 33406

Broward County Environmental Quality Control Board, 621 South Andrews Avenue, Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental Resources Management, Jose Marti Building, 801 S.W. 3rd Avenue, 2nd Floor, Miami, Florida 33130

Duval County Dept. of Health, Welfare and Bio-Environmental Services, 421 West Church Street, Suite 412, Jacksonville, Florida 32202

Hillsborough County Environmental Protection Commission, 1410 North 21st Street, Tampa, Florida 33605

Palm Beach County Health Dept., Division of Environmental Science and Engineering, 901 E. Evernia Street, West Palm Beach, Florida 33402

Pinellas County Department of Environmental Management, 315 Court Street, Clearwater, Florida 34616

Sarasota County Environmental Services Department, 1301 Cattleman Road, Sarasota, Florida 33582-9631

Orange County Environmental Protection Department, 2002 E. Michigan Avenue, Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

L0471 Sept. 13, 1989

SEP 20 1989

The St. Augustine Record

PUBLISHED EVERY AFTERNOON MONDAY THROUGH FRIDAY, SATURDAY AND SUNDAY MORNING  
ST. AUGUSTINE AND ST. JOHNS COUNTY, FLORIDA

STATE OF FLORIDA,  
COUNTY OF ST. JOHNS

Before the undersigned authority personally appeared \_\_\_\_\_

Ann Jackson

who on oath says that she is

Accounting Clerk

of the St. Augustine Record, a

daily newspaper published at St. Augustine in St. Johns County, Florida: that

the attached copy of advertisement, being a \_\_\_\_\_

Notice of Intent

\_\_\_\_\_ in the matter of \_\_\_\_\_

RE: TPS Technologies Inc/D. E R

\_\_\_\_\_ in the \_\_\_\_\_ Court,

was published in said newspaper in the issues of \_\_\_\_\_

Sept 13, 1989

Affiant further says that the St. Augustine Record is a newspaper published at St. Augustine, in said St. Johns County, Florida, and that the said newspaper has heretofore been continuously published in said St. Johns County, Florida, each day and has been entered as second class mail matter at the post office in the City of St. Augustine, in said St. Johns County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing the advertisement for publication in the said newspaper.

Sworn to and subscribed before me Ann Jackson

this 13th day of Sept

A.D. 1989

NOTARY PUBLIC  
Notary Public

# ST. PETERSBURG TIMES

STATE OF FLORIDA }  
COUNTY OF PINELLAS } S.S.

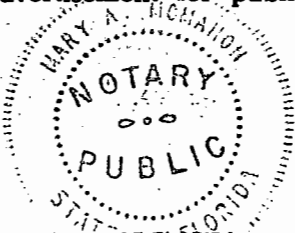
Published Daily  
St. Petersburg, Pinellas County, Florida

Before the undersigned authority personally appeared A. Reider  
who on oath says that he is Legal Clerk  
of the St. Petersburg Times  
a daily newspaper published at St. Petersburg, in Pinellas County, Florida: that  
the attached copy of advertisement, being a Legal Notice  
in the matter Re: Notice of Intent

\_\_\_\_\_ in the \_\_\_\_\_ Court  
was published in said newspaper in the issues of Sept. 14, 1989.

Affiant further says the said St. Petersburg Times  
is a newspaper published at St. Petersburg, in said Pinellas County, Florida, and  
that the said newspaper has heretofore been continuously published in said  
Pinellas County, Florida, each day and has been entered as second class mail  
matter at the post office in St. Petersburg, in said Pinellas County, Florida, for a  
period of one year next preceding the first publication of the attached copy of  
advertisement, and affiant further says that he has neither paid nor promised  
any person, firm, or corporation any discount, rebate, commission or refund for  
the purpose of securing this advertisement for publication in the said  
newspaper. A. Reider

Sworn to and subscribed before  
me this 14th day of  
Sept. A.D. 1989  
Mary A. McMahon  
(SEAL) Notary Public



My commission expires BONDED THRU NOTARY PUBLIC UNDERWRITER

## LEGAL NOTICES

## LEGAL NOTICES

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution for each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

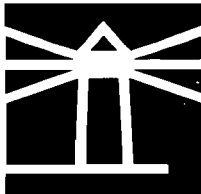
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- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice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

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to RULE 28-5.207, F.A.C. The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Department of Environmental Regulation, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

- Dept. of Environmental Regulation, Northwest District, 160 Governmental Center, Pensacola, Florida 32501-5794
- Dept. of Environmental Regulation, Southwest District, 4520 Oak Fair Boulevard, Tampa, Florida 33610-7347
- Dept. of Environmental Regulation, South Florida District, 2269 Bay Street, Ft. Myers, Florida 33901-2896
- Dept. of Environmental Regulation, Northeast District, 3426 Bills Road, Jacksonville, Florida 32207
- Dept. of Environmental Regulation, Central Florida District, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803-3767
- Dept. of Environmental Regulation, Southeast Florida District, 1900 S. Congress Avenue, Suite A, West Palm Beach, Florida 33406
- Broward County Environmental Quality Control Board, 621 South Andrews Avenue, Ft. Lauderdale, Florida 33310
- Dade County Dept. of Environmental Resources Management, Jose Marti Building, 801 S.W. 3rd Avenue, 2nd Floor, Miami, Florida 33130
- Duval County Dept. of Health, Welfare, and Bio-Environmental Services, 421 West Church Street, Suite 412, Jacksonville, Florida 32202
- Hillsborough County Environmental Protection Commission, 1410 North 21st Street, Tampa, Florida 33605
- Palm Beach County Health Dept., Division of Environmental Science and Engineering, 901 E. Evernia Street, West Palm Beach, Florida 33402
- Pinellas County Department of Environmental Management, 315 Court Street, Clearwater, Florida 34616
- Sarasota County Environmental Services Department, 1301 Cattleman Road, Sarasota, Florida 33582-9631
- Orange County Environmental Protection Department, 2002 E. Michigan Avenue, Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.  
(892550690) 9/14/89



# The Stuart News

P.O. BOX 9009, STUART, FLORIDA 34995-9009

Established as the Stuart Times, April 18, 1913

**STUART MARTIN COUNTY FLORIDA**

STATE OF FLORIDA  
COUNTY OF MARTIN

Before the undersigned authority appeared Dennis A. Pope  
who on oath says that he is Financial Manager of The Stuart News, a daily newspaper  
published at Stuart in Martin County, Florida, that the attached copy of advertisement, being a  
Notice of Intent to Issue  
in the matter of Permits to TPS Technologies, Inc.

in the \_\_\_\_\_ Court, was published in said newspaper in  
the issues of September 18, 1989

Affiant further says that the said The Stuart News is a newspaper published at Stuart, in said Martin County, Florida and that the said newspaper has heretofore been continuously published in said Martin County, Florida, each week and has been entered as second class matter at the post office in Stuart in said County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me  
this 28th day of September

A.D. 1989  
Catherine Shiden  
(SEAL) NOTARY PUBLIC

Notary Public, State of Florida  
My Commission Expires 4-19-92  
Bonded by Western Surety Company  
SN-671-139A

A SCRIPPS HOWARD NEWSPAPER

State of Florida  
Department of  
Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies, Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

# THE STUART NEWS

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:  
Department of Environmental Regulation, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

Dept. of Environmental Regulation, Northwest District, 160 Governmental Center, Pensacola, Florida 32501-5794.

Dept. of Environmental Regulation, Southwest District, 4520 Oak Fair Boulevard, Tampa, Florida 33610-7347.

Dept. of Environmental Regulation, South Florida District, 2269 Bay Street, Ft. Myers, Florida 33901-2896.

Dept. of Environmental Regulation, Northeast District, 3426 Bills Road, Jacksonville, Florida 32207.

Dept. of Environmental Regulation, Central Florida District, 3319 McGuire Blvd., Suite 232, Orlando, Florida 32803-3767.

Dept. of Environmental Regulation, Southeast Florida District, 1900 S. Congress Avenue, Suite A, West Palm Beach, Florida 33406.

Broward County Environmental Quality Control Board, 621 South Andrews Avenue, Ft. Lauderdale, Florida 33310.

Dade County Dept. of Environmental Resources Management, Jose Martí Building, 801 S.W. 3rd Avenue, 2nd Floor, Miami, Florida 33130.

Duval County Dept. of Health, Welfare and Bio-Environmental Services, 421 West Church Street, Suite 412, Jacksonville, Florida 32202.

Hillsborough County Environmental Protection Commission, 1410 North 21 Street, Tampa, Florida 33605.

Palm Beach County Health Dept. Division of Environmental Science and Engineering, 901 E. Evernia Street, West Palm Beach, Florida 33402.

Pinellas County Department of Environmental Management, 315 Court Street, Clearwater, Florida 34616.

Sarasota County Environmental Services Department, 1301 Cattleman Road, Sarasota, Florida 33582-9631.

Orange County Environmental Protection Department, 2002 E. Michigan Avenue, Orlando, Florida 32806.

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Pub.: Sept. 18, 1989

# Tallahassee Democrat

## PUBLISHED DAILY

### TALLAHASSEE - LEON - FLORIDA

#### STATE OF FLORIDA COUNTY OF LEON:

Before the undersigned authority personally appeared Carrie Coons who on oath says that she is Legal Advertising Representative of the Tallahassee Democrat, a daily newspaper published at Tallahassee in Leon County, Florida; that the attached copy of advertising being a Legal Ad in the matter of

*State of Florida  
Department of Environmental Regulation*  
in the *Regulation*  
Court, was published in said newspaper in the issues of:

*September 27, 1989*

Affiant further says that the said Tallahassee Democrat is a newspaper published at Tallahassee, in the said Leon County, Florida, and that the said newspaper has heretofore been continuously published in said Leon County, Florida, each day and has been entered as second class mail matter at the post office in Tallahassee, in said Leon County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this publication in the said newspaper.

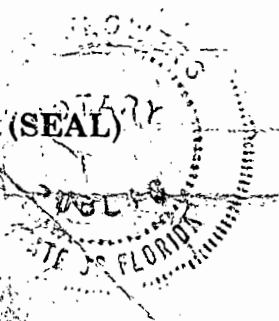
*Carrie Coons*

Carrie Coons,  
Legal Advertising Representative

Sworn To And Subscribed Before Me  
This

*27th Day of September*

A.D. 1989



*Pat Flowers*  
Notary Public  
Notary Public, State of Florida  
My Commission Expires Jan. 31, 1993  
Bonded Thru Troy Fain - Insurance Inc.

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

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

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will be at the approval of the presiding officer upon motion filed Pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality  
Control Board  
521 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

# TALLAHASSEE DEMOCRAT

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernis Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

September 27, 1989

Ad No. 9M640050



**THE TAMPA TRIBUNE**  
 Published Daily  
 Tampa, Hillsborough County, Florida

State of Florida }  
 County of Hillsborough } ss.

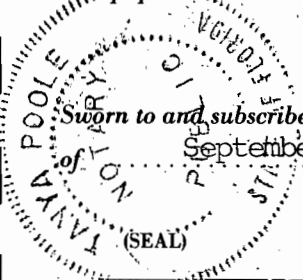
*Before the undersigned authority personally appeared G. T. Gleason, who on oath says that he is Controller of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a*

LEGAL NOTICE

*in the matter of ENVIRONMENTAL REGULATION.*

*was published in said newspaper in the issues of September 27, 1989*

*Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa, in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.*



Sworn to and subscribed before me, this 27th day  
 of September, A.D. 19 89

*G. T. Gleason*

*Janya Poole*  
 Notary Public, State of Florida  
 My Commission Expires Sept. 8, 1992  
 Bonded Thru Tray Fain - Insurance Inc.

State of Florida  
 Department of  
 Environmental Regulation  
 Notice of  
 Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action of proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;

# TAMPA TRIBUNE

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of  
Environmental Regulation  
Bureau of Air  
Quality Management  
2800 Blair Stone Road  
Tallahassee,  
Florida 32399-2400

Dept. of  
Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola,  
Florida 32501-5794

Dept. of  
Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of  
Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers,  
Florida 33901-2896

Dept. of  
Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville,  
Florida 32207

Dept. of  
Environmental Regulation  
Central Florida District  
3319 Maguire Blvd.,  
Suite 232  
Orlando, Florida 32803-3767

Dept. of  
Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue,  
Suite A  
West Palm Beach,  
Florida 33406

Broward County  
Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale,  
Florida 33310

Dade County Dept. of  
Environmental Resources  
Management  
Jose Marti Building  
801 S.W. 3rd Avenue,  
2nd Floor

Miami, Florida 33130  
Duval County Dept. of  
Health, Welfare and  
Bio-Environmental Services  
421 West Church Street,  
Suite 412

Jacksonville, Florida 32202  
Hillsborough County  
Environmental Protection  
Commission

1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County  
Health Dept. Division of  
Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach,  
Florida 33402

Pinellas County  
Department of  
Environmental  
Management  
315 Court Street

Clearwater, Florida 34616  
Sarasota County  
Environmental Services  
Department

1301 Catterman Road  
Sarasota, Florida 33582-9631  
Orange County  
Environmental Protection  
Department

2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the department's Tallahassee Address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

4225

9/27/89

**VERO BEACH PRESS-JOURNAL**

**Published Daily**

**Vero Beach, Indian River County, Florida**

COUNTY OF INDIAN RIVER: STATE OF FLORIDA

Before the undersigned authority personally appeared J. J. Schumann, Jr. who on oath says that he is Business Manager of the Vero Beach Press-Journal, a daily newspaper published at Vero Beach in Indian River County, Florida; that the attached copy of advertisement, being

a Notice  
in the matter of Notice of Intent to  
Issue  
in the \_\_\_\_\_ Court, was published in said newspaper in the issues of September 13, 1989

Affiant further says that the said Vero Beach Press-Journal is a newspaper published at Vero Beach, in said Indian River County, Florida, and that the said newspaper has heretofore been continuously published in said Indian River County, Florida, each daily and has been entered as second class mail matter at the post office in Vero Beach, in said Indian River County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this 13 day of September 1989  
John J. Schumann Jr.  
(Business Manager)  
Robert [Signature]  
(Clerk of the Circuit Court, Indian River County, Florida)

NOTARY PUBLIC

(SEAL)

My Commission expires on 29, 1993

**State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue**

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

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- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

## Vero Beach Press-Journal

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794  
Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347  
Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896  
Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207  
Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767  
Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406  
Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Fort Lauderdale, Florida 33310  
Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
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and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202  
Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605  
Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402  
Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616  
Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631  
Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

September 13, 1989

609809

# THE PALM BEACH POST

Published Daily and Sunday  
West Palm Beach, Palm Beach County, Florida

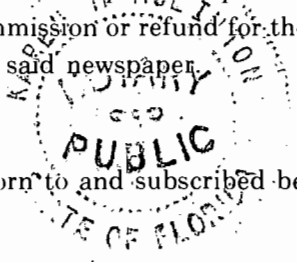
## PROOF OF PUBLICATION

STATE OF FLORIDA  
COUNTY OF PALM BEACH

Before the undersigned authority personally appeared J.J. Hollenbeck who on oath says that she/he is Class. Adv. Mgr. of The Palm Beach Post, a daily and Sunday newspaper published at West Palm Beach in Palm Beach County, Florida; that the attached copy of advertising, being a Notice in the matter of Intent to Issue in the --- Court, was published in said newspaper in the issues of September 13, 1989

Affiant further says that the said The Post is a newspaper published at West Palm Beach, in said Palm Beach County, Florida, and that the said newspaper has heretofore been continuously published in said Palm Beach County, Florida, daily and Sunday and has been entered as second class mail matter at the post office in West Palm Beach, in said Palm Beach County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she/he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this 13 day of September A.D. 19 89



*[Signature]*

*[Signature]*

NOTARY PUBLIC STATE OF FLORIDA  
MY COMMISSION EXP. NOV. 15, 1992  
BONDED THROUGH GENERAL B.S. CO. (C)

NO. 200825  
State of Florida  
Department of  
Environmental Regulation  
Notice of Intent  
to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO2. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative (hearing) under Section 120.57, Florida Statutes. The petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to be a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C. The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of  
Environmental Regulation  
Bureau of Air  
Quality Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400  
Dept. of  
Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, FL 32501-5794  
Dept. of  
Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, FL 33610-7347  
Dept. of  
Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, FL 33901-2896  
Dept. of  
Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, FL 32207  
Dept. of  
Environmental Regulation

Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767  
Dept. of  
Environmental Regulation  
Southeast Florida District  
1900 S. Congress Ave.,  
Suite A  
West Palm Beach, FL 33406  
Broward County  
Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, FL 33310  
Dade County Dept. of  
Environmental Resources  
Manager  
Jose Marti Building  
801 S.W. 3rd Ave., 2nd Floor  
Miami, FL 33130  
Duval County Dept. of Health,  
Welfare and  
Bio-Environmental Services  
421 West Church St.,  
Suite 412  
Jacksonville, FL 32202  
Hillsborough County  
Environmental Protection  
Commission  
1410 North 21st St.  
Tampa, FL 33605  
Palm Beach County  
Health Dept.  
Division of  
Environmental Science  
and Engineering  
901 E. Evernia St.  
West Palm Beach, FL 33402  
Pinellas County Department  
of Environmental Management  
315 Court Street  
Clearwater, FL 34616  
Sarasota County  
Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, FL 33582-9631  
Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, FL 32806  
Any person may send written  
comments on the proposed  
action to Mr. Bill Thomas at  
the Department's Tallahassee  
address. All comments mailed  
within 14 days of the publica-  
tion of this notice will be con-  
sidered in the Department's fi-  
nal determination.  
PUB: Palm Beach Post  
September 13, 1989

October 3, 1989

Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, FLA 32399-2400

RECEIVED  
OCT 5 1989  
DER-BAQM

ATTN: Mr. C.H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality Management

RE: Technical Evaluation and Preliminary Determination  
Permit Nos. AC48-166172 and AC48-166605 to 611

Dear Mr. Fancy:

TPS Technologies is in receipt of the document entitled "Technical Evaluation and Preliminary Determination," dated August 30, 1989, regarding permits for the statewide operation of eight (8) mobile Soil Remediation Units (SRU). The following comments will serve as a formal reply to the permit conditions detailed in that document:

1. We request that the Department consider omitting the second sentence of Specific Condition 3, limiting total operating time to 7800 hours for multiple units at one site. We believe this issue is more precisely addressed in Specific Condition 4, where total operating time for multiple units at a site is limited to an equivalent annual emissions rate of less than 100 TPY of VOC's. 7800 hours only applies if the destruction efficiency (DE) of our SRU is 90%. Higher DE's should allow for more total operating hours.
2. We request a definition of "reasonable assurance," as mentioned in Specific Condition 6. It is our understanding that oral verification that a site is contaminated only with virgin petroleum products is considered "reasonable

Best Available Copy

SERVICES		DELIVERY AND SPECIAL HANDLING		PACKAGES	WEIGHT	YOUR DECLARED VALUE	OVER SIZE
1 <input checked="" type="checkbox"/> <b>PRIORITY 1</b> Overnight Delivery	6 <input checked="" type="checkbox"/> <b>OVERNIGHT LETTER*</b>	1 <input type="checkbox"/> <b>HOLD FOR PICK-UP</b> (Fill in Box H)			LBS		
2 <input type="checkbox"/> <b>COURIER-PAK OVERNIGHT ENVELOPE*</b>	7 <input type="checkbox"/>	2 <input checked="" type="checkbox"/> <b>DELIVER WEEKDAY</b>			LBS		
3 <input type="checkbox"/> <b>OVERNIGHT BOX</b>	8 <input type="checkbox"/>	3 <input type="checkbox"/> <b>DELIVER SATURDAY</b> (Extra charge)			LBS		
4 <input type="checkbox"/> <b>OVERNIGHT TUBE</b>	9 <input type="checkbox"/>	4 <input type="checkbox"/> <b>DANGEROUS GOODS</b> (Extra charge)			LBS		
5 <input type="checkbox"/> <b>STANDARD AIR</b> Delivery not later than second business day	10 <input type="checkbox"/>	5 <input type="checkbox"/> <b>CONSTANT SURVEILLANCE SERVICE (CSS)</b> (Extra charge) (Release Signature Not Applicable)	Total	Total	Total	Total	Total
		6 <input type="checkbox"/> <b>DRY ICE</b> Lbs.	Received At				
		7 <input type="checkbox"/> <b>OTHER SPECIAL SERVICE</b>	1 <input type="checkbox"/> Regular Stop				
		8 <input type="checkbox"/>	2 <input checked="" type="checkbox"/> On-Call Stop				
		9 <input type="checkbox"/> <b>SATURDAY PICK-UP</b> (Extra charge)	3 <input type="checkbox"/> Drop Box				
		10 <input type="checkbox"/>	4 <input type="checkbox"/> B.S.C.				
		11 <input type="checkbox"/>	5 <input type="checkbox"/> Station				
		12 <input type="checkbox"/> <b>HOLIDAY DELIVERY</b> (if offered) (Extra charge)	FEDEX Corp. Employee No. 10-1-89				
			Date/Time for FEDEX Use 10-6-89				

<b>1</b> <b>YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)</b> PAYMENT <input checked="" type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card <input type="checkbox"/> Cash		<b>2</b> <b>IF HOLD FOR PICK-UP, Print FEDEX Address Here</b> Street Address City State ZIP Required	
From (Your Name) Please Print <b>Mr. Blain W. Dominiak</b>		To (Recipient's Name) Please Print <b>Mr. C.H. Fancy, P.E.</b>	
Your Phone Number (Very Important) <b>313-591-1000</b>		Recipient's Phone Number (Very Important)	
Company <b>W/INDCROFT</b>		Company <b>Florida Dept. of Env Reg.</b>	
Department/Floor No.		Department/Floor No.	
Street Address <b>100 MARKET ST.</b>		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Code)	
City <b>MIAMI MI</b>		City <b>Tallahassee FLA</b>	
State <b>MI</b>		State <b>FLA</b>	
ZIP Required <b>33150</b>		ZIP Required <b>32399-2400</b>	

Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges	PART #111800 REVISION DATE 7/88 PRINTED IN U.S.A. NCREC <b>009</b> © 1988 F.E.C.
Emp. No. Date <input type="checkbox"/> Cash Received <input type="checkbox"/> Return Shipment <input type="checkbox"/> Third Party <input type="checkbox"/> Chg. To Del. <input type="checkbox"/> Chg. To Hold Street Address City State Zip Received By: <b>X</b> Date/Time Received FedEx Employee Number	Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom. Release Signature: <i>[Signature]</i>

assurance". When this type of verification is not possible, are any additional tests required beyond those listed in Specific Condition 7?

3. We propose that virgin petroleum products be excluded from the analysis requirement in Specific Condition 7. We further suggest that the word "used" follow "on-spec" in the first sentence of Specific Condition 7, and that both words be applied to the petroleum products mentioned in the second sentence.
4. We propose that a provision be added to Specific Condition 11 that would increase the allowable average total hydrocarbon concentration in the contaminated soil above 5000 ppm if the DE of the SRU is determined to be greater than 90%.
5. The actions required in Specific Condition 20 to prevent contaminated runoff from the untreated soil piles are generally not within TPS Technologies' scope of work. We are typically contracted to do only the thermal remediation work at a site. In fact, in most cases, the site is excavated prior to our arrival. It is our opinion, therefore, that precautions to prevent contaminated runoff are better addressed in the site owner's Remedial Action Plan.

In the event that for a particular project, excavation work and/or soil hauling (see Specific Condition 13) is included in TPS Technologies' scope of work, we will abide by the requirements set forth in Specific Conditions 13 and 20. If, however, such activities are not in our or our sub-contractor's scope of work, we cannot accept responsibility for fugitive emissions due to soil hauling or contaminated runoff due to improper use of impermeable barriers or waterproof covers.

In addition, it is our understanding that waterproof covers are to be in place only for contaminated soil piles that are awaiting treatment. The daily working pile would not require covering.

6. As mentioned above, it has been our experience that most petroleum contaminated sites are excavated in advance of our arrival on-site. The excavation usually takes place in



October 3, 1989  
Page 3

conjunction with the contamination assessment activity, where the concentration level and the boundaries of the plume are established. Typically, it is at this point that the site's owner or general contractor will select a remediation contractor.

TPS Technologies believes that we are at a significant competitive disadvantage due to the advance notification requirements of Specific Conditions 7 and 24. Because of a potential loss of revenues, several site owners have told us that they need the site to be put back into operation as quickly as possible. They will often choose a less environmentally sound remediation technology, such as an asphalt plant, due to our lengthy notification period. While we must wait to begin work, our competitors are able to transport the contaminated soil to their plants for processing. With our competition, the owner can quickly return his site to normal operation; while with us, his site is idle for 15 days.

A similar problem exists when we are considered for "emergency response" jobs. Certainly, our mobile technology is ideally suited for such sites. Yet, we are often dismissed from consideration due to the 15 day waiting period. For this and the above reasons, we strongly suggest that Specific Conditions 7 and 24 be amended from 15 days to 5 days advance notice.

It is our hope that the above requests meet with the Department's approval. If further discussion is warranted on any of the issues raised in this letter, please do not hesitate to contact me at (313) 591-1000, ext. 218. The immediate resolution of these permit issues is of vital importance to our company.

Respectfully,



Blair W. Dominiak  
Manager, Regulatory Compliance

BWD:ss

cc: J.L. Powell, TPS Technologies  
K.L. Wood, TPS Technologies  
A. Hambs  
CHF/BT

**BEST AVAILABLE COPY**

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. Kenneth L. Wood, Vice-Pres. TPS Technologies Inc. 2070 S. Orange Blossom Trail Apopka, FL 32703	<b>4. Article Number</b> P 938 762 665 <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
<b>5. Signature - Addressee</b> X <i>Kenneth L. Wood</i> <b>6. Signature - Agent</b> X <b>7. Date of Delivery</b> 9-1-89	<b>8. Addressee's Address (ONLY if requested and fee paid)</b>

PS Form 3811, Mar. 1988    \* U.S.G.P.O. 1988-212-865    DOMESTIC RETURN RECEIPT

P 938 762 665

**RECEIPT FOR CERTIFIED MAIL**  
 NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Sent to	
Mr. Kenneth L. Wood, TPS Technologies	
Street and No. 2070 S. Orange Blossom Trail	
P.O., State and ZIP Code Apopka, FL 32703	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
Mailed: 8-30-89	
Permit: AC 48-166172	
AC 48-166605 - 611	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

August 30, 1989

CERTIFIED MAIL—RETURN RECEIPT REQUESTED

Mr. Kenneth L. Wood, Vice-President  
TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

Dear Mr. Wood:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permits to construct eight soil remediation units for operation throughout Florida.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

CHF/WH/plm

Attachments

cc: Gordon Dean, BWC  
District Air Program Directors  
County Program Air Sections  
Stephen Neck, P.E.  
Blair Dominiak, TPS  
Bruce Miller, EPA

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of  
Application for Permits by:

TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

DER File Nos. AC 48-166172  
AC 48-166605  
AC 48-166606  
AC 48-166607  
AC 48-166608  
AC 48-166609  
AC 48-166610  
AC 48-166611

---

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue permits (copies attached) for the proposed projects as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, TPS Technologies Inc., applied on June 12, 1989, to the Department of Environmental Regulation for permits to construct eight portable 25 TPH soil remediation units for operation throughout Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that air construction permits are required for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permits. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department, at the address specified within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permits.

The Department will issue the permits with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

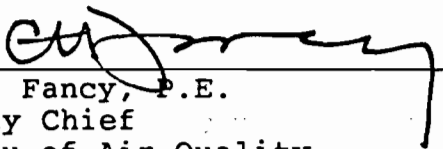
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application(s) have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such

person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



---

C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

Copies furnished to:

Gordon Dean, BWC  
District Air Program Directors  
County Program Air Sections  
Stephen Neck, P.E.  
Blair Dominiak, TPS  
Bruce Miller, EPA

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on August 30, 1989.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Martha J. Wise August 30, 1989  
Clerk Date

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue permits to TPS Technologies Inc., 2070 S. Orange Blossom Trail, Apopka, Florida 32703, to construct eight portable 25 TPH soil remediation units with air pollution from each unit controlled by a baghouse and afterburner. The units will be authorized to operate in any county in Florida. Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) determinations were not required. Each unit may emit 11.7 TPY particulate matter, 97.5 TPY VOC, and 73.4 TPY SO<sub>2</sub>. These emissions will not cause a violation of any ambient air quality standard or Prevention of Significant Deterioration (PSD) increment.

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- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
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- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.



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

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Northwest District  
160 Governmental Center  
Pensacola, Florida 32501-5794

Dept. of Environmental Regulation  
Southwest District  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Dept. of Environmental Regulation  
South Florida District  
2269 Bay Street  
Ft. Myers, Florida 33901-2896

Dept. of Environmental Regulation  
Northeast District  
3426 Bills Road  
Jacksonville, Florida 32207

Dept. of Environmental Regulation  
Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Dept. of Environmental Regulation  
Southeast Florida District  
1900 S. Congress Avenue, Suite A  
West Palm Beach, Florida 33406

Broward County Environmental Quality  
Control Board  
621 South Andrews Avenue  
Ft. Lauderdale, Florida 33310

Dade County Dept. of Environmental  
Resources Management  
Jose Marti Building  
801 S.W. 3rd Avenue, 2nd Floor  
Miami, Florida 33130

Duval County Dept. of Health, Welfare  
and Bio-Environmental Services  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202

Hillsborough County Environmental  
Protection Commission  
1410 North 21st Street  
Tampa, Florida 33605

Palm Beach County Health Dept.  
Division of Environmental Science  
and Engineering  
901 E. Evernia Street  
West Palm Beach, Florida 33402

Pinellas County Department of  
Environmental Management  
315 Court Street  
Clearwater, Florida 34616

Sarasota County Environmental  
Services Department  
1301 Cattleman Road  
Sarasota, Florida 33582-9631

Orange County Environmental  
Protection Department  
2002 E. Michigan Avenue  
Orlando, Florida 32806

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation  
and  
Preliminary Determination

TPS Technologies Inc.  
Apopka, Orange County, Florida

Eight 25 TPH Soil Remediation Units  
Statewide Operation

File Numbers:	Unit Serial Numbers:
AC 48-166172	SRU-200P-103
AC 48-166605	SRU-200P-104
AC 48-166606	SRU-200P-105
AC 48-166507	SRU-200P-106
AC 48-166608	SRU-200P-107
AC 48-166609	SRU-200P-108
AC 48-166610	SRU-200P-109
AC 48-166611	SRU-200P-110

Florida Department of Environmental Regulation  
Division of Air Resources Management  
Bureau of Air Quality Management  
Central Air Permitting

August 30, 1989

## I. General Information

### A. Applicant

TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

### B. Request

On June 12, 1989, TPS Technologies Inc. submitted an application for permits to construct eight 25 TPH portable soil remediation units (portable rotary kiln/afterburner system) (SIC 1629) which could be operated in any county in the state. The application was considered complete on June 20, 1989, when the remainder of the application fee was received.

### C. Project

The applicant is requesting permission to construct eight 25 TPH portable rotary kiln/afterburner systems for operation throughout the state. Each unit will be mounted on a truck trailer so that it can be transported to various sites. Each unit will be equipped with a baghouse and afterburner. The units are to be used to decontaminate soil containing virgin petroleum products, "on-spec" used oil, petroleum product components, and petroleum product derivatives.

### D. Emissions

Each unit will emit particulate matter (PM) including lead compounds, volatile organic compounds (VOC), and the products of combustion (SO<sub>2</sub>, NO<sub>x</sub>, and CO).

A 99.4% efficient custom made baghouse will be used to control PM emissions. The baghouse has been designed to meet the Reasonably Available Control Technology (RACT) standard of 0.03 grains/dscf (F.A.C. Rule 17-2.650(2)(c)11). This rate is less than the particulate matter emissions standard of 0.08 grain/dscf corrected to 50% excess air (F.A.C. Rule 17-2.600(1)(c)1.) that the Department will impose on these units. Approximately 8700 dscfm flow through the baghouse and afterburner resulting in an estimated PM emission of 2.2 lbs/hr. To allow for normal fluctuations in flow and production, PM emissions of up to 3.0 lbs/hr have been requested. As each unit will be restricted to a total of 7800 annual operating hours, the maximum PM emissions per unit will be 11.7 TPY.

The VOC evaporates from the contaminated soil and passes through the baghouse to the afterburner. The applicant estimates that up to 250 lbs/hr of VOC will enter the afterburner and, after 90% destruction in the flames, 25 lbs/hr VOC will be discharged to the atmosphere. Based on 7800 hrs/yr operation, this is equivalent to 97.5 TPY VOC emissions.

LP gas is used to ignite the burners. No. 2 oil is the primary fuel. The maximum heat input to the rotary kiln/afterburner system is 37 MMBtu/hr from No. 2 fuel oil. Maximum emissions from this fuel and the hydrocarbons destroyed in the afterburner are estimated to be 18.8 lbs/hr (73.4 TPY) SO<sub>2</sub>, 5.3 lbs/hr (20.7 TPY) NO<sub>x</sub>, and 0.13 lbs/hr (0.52 TPY) CO.

Reasonable precautions will be required to control the unconfined emissions from the decontaminated soil. This will involve wetting the dried material, covering storage piles, and hauling of the material in covered trucks.

At the low emission rates proposed, there should be no visible emissions from these sources.

## II. Rule Applicability

The proposed projects, construction and operation of eight 25 TPH portable rotary kiln/afterburner systems, are subject to preconstruction review under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code.

The sources may be operated in areas designated nonattainment for particulate matter, ozone, and sulfur dioxide (F.A.C. Rule 17-2.410), unclassifiable for particulate matter and sulfur dioxide (F.A.C. Rule 17-2.430), attainment for all criteria pollutants (F.A.C. Rule 17-2.420), and maintenance for ozone and, in the future, sulfur dioxide and particulate matter (F.A.C. Rule 17-2.460).

The units are minor sources (F.A.C. Rule 17-2.100) because emissions of any single pollutant are less than 100 TPY. The proposed sources are not subject to the preconstruction review requirements of F.A.C. Rule 17-2.500(5) and F.A.C. Rule 17-2.510(4) because permit restrictions will prohibit each unit from emitting 100 TPY of any pollutant. Should the units violate this restriction, they could become retroactively subject to other regulations.

The sources are subject to F.A.C. Rule 17-2.520, which pertains to sources not subject to PSD or nonattainment review. The units are classified as incinerators. Allowable particulate matter emissions are limited to 0.08 grains/dscf corrected to 50% excess air (F.A.C. Rule 17-2.600(1)(c)1.) and the emissions cannot cause objectionable odors (F.A.C. Rule 17-2.600(1)(c)2.). Chapter 17-2, F.A.C., does not have an applicable RACT standard for particulate matter, sulfur dioxide or volatile organic compounds (VOC) that would apply to these sources. Organic (VOC) emissions will be regulated under F.A.C. Rule 17-2.620, General Pollutant Emission Limiting Standards, which restricts emissions to control by systems deemed necessary by the Department. The discharge of pollutants shall not cause an objectionable odor or

an exceedance of an acceptable ambient air concentration (AAC) or risk for toxic pollutants.

Prior to issuance of the proposed construction permits, the applicant must provide the Department (BAQM) with a list of all counties that the soil dryers will be operated in and certified proof of publication of the Notice of Intent from a newspaper of general circulation in each county on the list (F.A.C. Rule 17-2.220).

### III. Technical Evaluation

Soil contaminated with petroleum products will be sampled and tested for the presence of PCB's (polychlorobiphenyls), BTEX (benzene, toluene, ethyl benzene, and xylene), and RCRA materials prior to decontamination. The PCB and RCRA tests may be waived if the applicant can provide the Department with reasonable assurance that the soil is contaminated only with "on-spec" and virgin petroleum products. The soil will be decontaminated in a No. 2 fuel oil fired rotary kiln/afterburner system. Up to 25 TPH of soil will be heated to over 500°F in the rotary kiln to evaporate the petroleum products (VOC). The gases from the rotary kiln will pass through a baghouse that removes over 99 percent of the particulate matter and then through a 90% efficient afterburner to burn the VOC. Higher temperatures and/or residence time than proposed for the afterburner may be needed to achieve this destruction efficiency. Maximum heat input to the rotary kiln/afterburner system is 37 MMBtu/hr.

At an allowable particulate matter emission rate of 0.08 gr/dscf corrected to 50% excess air (EA) and a volumetric flow of 5,600 dscfm corrected to 50% to EA, the process would emit 3.8 lbs/hr. The applicant's proposed rate of 3 lbs/hr is acceptable to the Department.

The guidance used by the Department to determine acceptable ambient concentrations (AAC) of hazardous pollutants is based on the following formula:

$$\text{AAC} = \frac{40}{\text{hrs per week operation}} \times \frac{1}{\text{Safety factor}} \quad (\text{OEL})$$

The safety factors are 100 for category A substances and 50 for category B substances.

OEL - Occupational Exposure Level such as ACGIH, OSHA, and NIOSH published standards for toxic materials.

TWA-TLV values are published by the American Conference of Governmental Industrial Hygienists (ACGIH). The values for the pollutants expected to be encountered in the proposed operation are as follows:

Pollutant	OEL	AAC (24 hr/day operation)
	mg/m <sup>3</sup>	mg/m <sup>3</sup>
Benzene	3	0.0071
Toluene	375	1.786
Ethyl Benzene	435	2.071
Xylene	435	2.071

Calculations, using the EPA approved Screen - 1.1 Model (updated PTPLU 6 Model) and the stack parameters listed in the application, show that an emission rate of 1 gram/sec will have a maximum ambient air impact of  $9 \times 10^{-3}$  mg/m<sup>3</sup> (8 hr. avg.).

Using this information, the maximum emissions that can occur without exceeding the AAC can be determined by the following relationship:

$$\text{AAC} = \text{Impact of Unit} \times \text{Emissions.}$$

With this relationship and data, the Department can estimate the maximum emissions of a pollutant that can occur without exceeding the AAC for these units. Also, by knowing the process weight for each unit (25 TPH), assuming all VOC in the contaminated soil is evaporated in the kiln, and that 90% of this VOC is destroyed by the afterburner, the maximum content of the pollutants in the soil that can exist without the potential to exceed the AAC can be determined. The Department has made these calculations for the BTEX compounds. The results are summarized in the following table.

Pollutant	Maximum Emissions		Maximum Soil Concentration PPM
	grams/second	lbs/hr	
Benzene	0.79	6.26	1,252
Toluene	198.4	1573.4	157,357
Ethyl Benzene	230.1	1824.7	364,940
Xylene	230.1	1824.7	364,940

Using a similar procedure, it can be shown that the maximum VOC content of the untreated soil cannot exceed 5,000 PPM when the emissions are 25 lbs/hr VOC.

The Department has chosen to regulate benzene and total VOC only for soils contaminated with virgin petroleum products and "on-spec" used oil. For soil contaminated with other petroleum product components and derivatives, the applicant will be required to submit calculations showing the AAC or other concentrations required to protect public health and safety will not be exceeded before the soil can be treated in one of these units.

The applicant has requested permission to treat soils contaminated with oil containing up to 300 PPM lead. In order

to do so, the applicant will be required, on a case-by-case basis, to establish that the soil is not a hazardous waste pursuant to 40 CFR 261, Subpart C, that the soil is contaminated with a petroleum products, and that the impact of air emissions will not exceed levels approved by the Department.

The applicant requested permission to operate several units on the same site. Regulations will not allow the combined VOC emissions from these units to exceed 100 TPY. The Department will authorize multiple units to operate at the same site provided the combined emission impact does not exceed the AAC and that the total operation at the site does not exceed 7800 unit-hour operations per year (No. units operated x hrs/yr operation).

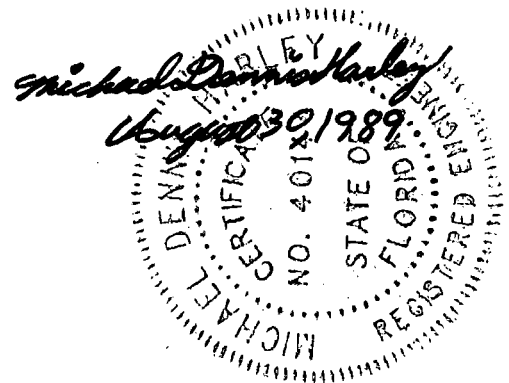
The applicant also asked that the EPA Method 418.1 analysis of the treated soil be waived. Until the Bureau of Waste Cleanup approves an alternate method, the Bureau of Air Quality Management cannot waive this test. Any permit issued for these sources will require compliance with the Bureau of Waste Cleanup regulations. The applicant may use an alternate procedure once it is approved by the Bureau of Waste Cleanup.

#### IV. Air Quality Analysis

By restricting the benzene and VOC content of the soil, the Department has reasonable assurance that the operation of each portable rotary kiln/afterburner system will not create a health hazard or cause/contribute to an ambient air quality violation.

#### V. Conclusion

Based on the information provided by TPS Inc., the Department has reasonable assurance that the proposed construction/operation of the eight 25 TPH portable rotary kiln/afterburner systems, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.







# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

TPS Technologies Inc.  
2070 S. Orange Blossom Trail  
Apopka, Florida 32703

Permit Numbers: \* AC 48-166172  
AC 48-166605-611  
Expiration Date: January 31, 1992  
County: Statewide Operation  
Project: 25 TPH Portable Rotary  
Kiln/Afterburner Systems

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct eight 25 TPH portable rotary kiln/afterburner systems. Each unit consists of a contaminated soil feed and weigh mechanism, rotary kiln, combustion air blower, baghouse, induced draft fan, a No. 2 fuel oil system, an afterburner with a 19 ft. high, 4' x 2.2' stack that handles approximately 39,000 acfm at 1400°F, and associated equipment mounted on a truck bed.

The units may operate throughout the state (all counties) after transfer of a valid permit to operate that authorizes its use at the new location.

The source shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received BAQM on June 12, 1989.

\*

Permit Numbers:

AC 48-166172  
AC 48-166605  
AC 48-166606  
AC 48-166607  
AC 48-166608  
AC 48-166609  
AC 48-166610  
AC 48-166611

Unit Serial Numbers:

SRU-200P-103  
SRU-200P-104  
SRU-200P-105  
SRU-200P-106  
SRU-200P-107  
SRU-200P-108  
SRU-200P-109  
SRU-200P-110

PERMITTEE:  
TPS Technologies Inc.

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**GENERAL CONDITIONS:**

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.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of 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.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement 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.

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.

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**GENERAL CONDITIONS:**

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.

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 any 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.

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.

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**GENERAL CONDITIONS:**

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.

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 proscribed 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.

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, 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.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

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 for 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.

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**GENERAL CONDITIONS:**

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

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.

**SPECIFIC CONDITIONS:**

1. The permittee shall furnish the available information listed in Specific Condition No. 24 prior to operating the portable rotary kiln/afterburner system at its initial site. This permit requires compliance with any applicable local (county) regulations.

2. Only LP gas and No. 2 fuel oil containing a maximum of 0.5% sulfur shall be used as fuel for this unit. Maximum permitted fuel oil consumption is 266 GPH (37 MMBtu/hr).

3. This unit shall be allowed to operate 24 hours per day, 7 days per week, but not more than 7800 hours in any 12 month period. Total annual operating time for all units at any specific site shall not exceed 7800 hours in any 12 month period. The permittee shall maintain a log that shows the unit's operation time during the preceding 12 months. All required records may be kept at the permittee's office in Apopka, Florida, but must be available for inspection at the job site for the unit within 3 working days of a request by the Department.

4. More than one portable rotary kiln/afterburner system shall not be operated at the same site without prior approval of the District Air Program Administrator. Any authorization will restrict total operation time to the hours that are equivalent to an annual permitted emissions of less than 100 TPY VOC and the allowable emissions to quantities that will not exceed the AAC or

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**SPECIFIC CONDITIONS:**

other concentrations needed to protect public health and safety. The permittee shall maintain operation logs to show compliance with any approval given by the Department.

5. Maximum soil charging rate to the unit shall not exceed 25 TPH. The permittee shall have means to determine the feed or production rate on site.

6. Only soils contaminated with virgin (non-recycled) petroleum products, "on-spec" used oil (see Specific Condition No. 7), toluene, xylene, and ethyl benzene shall be treated in this unit unless otherwise approved by the County or District Air Program Administrator. The portable rotary kiln/afterburner system shall neither be used to thermally process materials that are listed in 40 CFR 261.31, 261.32, 261.33 (revised as of July 1, 1988) nor materials that have the hazardous characteristics of corrosivity, reactivity, EP toxicity, and ignitability. Prior to the acceptance of contaminated materials for processing, the permittee shall provide the Department with reasonable assurance that the soil is contaminated with only virgin petroleum products, i.e., certification from the generator that the material is not classified as a hazardous waste pursuant to the federal regulations cited in this specific conditions. To obtain approval to treat soils contaminated with other materials, the permittee shall submit soil analysis results and calculations to the County or District Air Program Administrator which show the impact of the emissions will not exceed the acceptable ambient air concentration (AAC) or violate any permit condition or regulation.

7. The following constituents of the virgin or "on-spec" petroleum products that contaminated the soil shall not be exceeded:

<u>Constituent</u>	<u>Allowable Level (max. ppm in oil)</u>
Arsenic	5
Cadmium	2
Chromium	10
Lead	100
Total Halogens	4000

To demonstrate compliance with Specific Condition No. 7, the petroleum product(s) responsible for contamination of the soil shall be tested for the listed contaminants. Test results shall be sent to the appropriate Department district office and approved local program at least 15 days prior to any soil remediation. This test may be waived by regulatory agencies if the owner or operator of the site can demonstrate that only virgin petroleum products are responsible for contamination of the site.

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**SPECIFIC CONDITIONS:**

8. Unless the Department has determined other concentrations are required to protect public health and safety, predicted ambient air impact of any toxic pollutant, as determined by the PTPLU 6 model or other DER BAQM approved models, shall not exceed the concentration calculated by the following formula:

$$AAC = \frac{40}{X} \cdot \frac{1}{\text{safety factor}} \quad (\text{OEL})$$

where,

AAC = acceptable ambient concentration

Safety Factor = 100 for category A substances and  
50 for category B substances

X = 40 or the hours/week or actual operation,  
whichever is larger

OEL - Occupational exposure level such as ACGIH, OSHA,  
and NIOSH published standards for toxic materials.

(TWA-TLV) is the threshold limit value (8 hrs/day,  
40 hrs/wk) maximum exposure concentration considered  
safe for workers by the ACGIH.

Data in the application shows that, for continuous  
operation, an emission of 1 gram/sec will have a maximum  
ambient impact of  $9 \times 10^{-3}$  mg/m<sup>3</sup> (8 hr. avg).

$$\text{Maximum allowable Emissions (g/sec)} = \frac{AAC \text{ mg/m}^3}{9 \times 10^{-3} \text{ mg/m}^3}$$

9. Benzene emissions shall not exceed 6.3 lbs/hr. Total VOC emissions shall not exceed 25 lbs/hr. Compliance shall be determined from soil analysis, production rate, and the afterburner destruction efficiency which is established by Method 25 tests (40 CFR 60, Appendix A, revised as of July 1, 1988).

10. Sampling and analysis of the contaminated soil at each site, based on the procedures prescribed in SW-846, shall be conducted prior to remediation. Minimum number of composite samples for analysis for benzene and volatile organic compounds (VOC) at each site prior to remediation shall be as follows:

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**SPECIFIC CONDITIONS:**

<u>Soil Quantity (yards<sup>3</sup>)</u>	<u>No. of Composite Samples</u>
Less than 100	1
100 to 500	3
500 to 1000	5
Over 1000	9

The degree of treatment of the soil and its disposal must comply with the Bureau of Waste Cleanup policy. Presently, this requires that the soil exiting the dryer be sampled on an hourly basis during operation and an analysis of a daily composite sample made up of the hourly samples shall be performed for benzene, toluene, ethyl benzene, and xylenes concentration using EPA Method 5030/8020, and total recoverable petroleum hydrocarbon concentration using EPA Method 418.1. Records shall be kept on the date, time, and number of samples taken for each composite sample. Test results shall be sent to the appropriate Department district office and approved local air program within 15 working days of such testing. All soil samples taken at the remediation site and exiting the soil dryer shall be stored in a sealed glass container immediately upon sampling. Disposal of the treated soil must comply with the Bureau of Waste Cleanup policy on remedial action at petroleum contaminated sites.

11. Any analysis required by Specific Condition No. 10 which indicates a potential violation of any condition in this permit shall be reported as soon as feasible to the appropriate Department's District Air Program Administrator and DER approved local air program. An average concentration of benzene above 1,252 ppm in the soil or total hydrocarbons above 5,000 ppm indicate a violation of this permit. The soil may be decontaminated provided no condition of this permit is violated. This can be accomplished by operating at less than the 25 TPH production rate, or other means with prior approval of the Department. The permittee must propose the method of compliance with this permit.

12. The operation of this source shall not result in the emissions of air pollutants which cause or contribute to an objectionable odor pursuant to F.A.C. Rule 17-2.600(c)2. 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 pursuant to F.A.C. Rule 17-2.100(131).



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SPECIFIC CONDITIONS:

13. Reasonable precautions shall be used to minimize unconfined emissions of particulate matter generated by this operation (F.A.C. Rule 17-2.610(3)). This includes hauling the soil in covered trucks and keeping the work areas wet where the soil is being removed and treated.

14. The stack sampling facilities must comply with F.A.C. Rule 17-2.700(4).

15. Particulate matter emissions from this process shall neither exceed 0.08 grains/dscf corrected to 50% excess air nor 3.0 lbs/hr. Visible emissions from any part of the process shall not exceed 5% opacity. The exhaust stack for this process must be tested concurrently for particulate matter and visible emissions by EPA Methods 5 and 9 pursuant to 40 CFR 60, Appendix A, revised as of July 1, 1988, within 5 days after placing the unit in commercial operation under this permit and annually thereafter. Operating at each subsequent site requires a Method 9 test to be performed within 3 days of placing the unit in service.

16. This source must be tested at the maximum process weight rate at which the permittee intends to operate. Operation at rates that are more than 10 percent above the tested rate will require the Department to be notified and, within 15 days, the source must be tested for compliance at this higher rate by appropriate test methods. The unit shall not operate above the maximum permitted rate of 25 TPH.

17. 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 Chapter 17-2, F.A.C., or in this permit is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the Department.

18. The appropriate Department district office and, if applicable, the Department approved local air program office, shall be notified in writing at least 15 days in advance of any compliance test to be conducted on this source.

19. A differential pressure gauge to measure the pressure drop across the baghouse and a thermocouple to measure the temperature in the afterburner shall be installed on this unit and its readings recorded during any compliance test.

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**SPECIFIC CONDITIONS:**

20. There shall be no discharge of liquid effluent or contaminated runoff to surface or ground water without prior approval from the Department. Untreated soil removed from the ground shall be stored under waterproof covers and on an impermeable surface.

21. The system shall be properly operated and maintained (Rule 17-2.210(2), F.A.C.). No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly (Rule 17-2.240, F.A.C.).

22. All required test reports, except stack test for PM and VOC, shall be filed with the Department as soon as practical but no later than 15 working days after the last sampling run of each test is completed (F.A.C. Rule 17-2.700 (7)(a), (b) and (c)). Stack test results shall be submitted within 45 days of the test.

23. The construction shall reasonably conform to the plans and schedule submitted in the application.

24. This unit shall not be operated at any other site until its operation permit is transferred to authorize its use at the new site. At least 15 days prior to relocating the unit, the permittee shall notify the Air Program Administrator in the appropriate Department District office and approved local air program that the unit is being relocated. This notification shall provide the permit number of the unit, a copy of the last stack test report, the date of the proposed move, the new site for the unit, and the locations and contamination levels of the soils to be treated. The unit is permitted to operate in any county in Florida.

25. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the BAQM prior to 60 days before the expiration of the permit (F.A.C. 17-4.090).

26. An application for an operation permit must be submitted to the District office where the initial compliance tests were conducted and the BAQM office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. 17-4.220).

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TPS Technologies Inc.

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Issued this \_\_\_\_\_ day  
of \_\_\_\_\_, 1989

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

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Dale Twachtmann, Secretary



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

---

TO: Clair Fancy  
Bill Thomas  
Mike Harley

FROM: Willard Hanks *Willard Hanks*

DATE: August 28, 1989

SUBJ: TPS Inc. Application

The Technical Evaluation and Preliminary Determination and draft permit for the TPS Inc. soil remediation units have been revised as I was directed on August 25, 1989.

I still believe these units have been mislabeled incinerators and the wrong regulations applied to their operation.

WH/kt

8/4/89

CPI Meeting

Willard Harbo

BAGM

488-1344

Jeff Powell

TPS

407 886-2000

Barry Andrews

BAGM

488-1344

Blair W. Dominiak

TPS

313-591-1000

KEW WOODS

TPS

407-886-2000

Mike Webb

DER

904-487-3299

Don Ehlenbeck

DER/Bureau of Waste Cleanup

" " "

Bill Thomas

DER/BAGM

"

Mike Harley

"

"

July 7, 1989

RECEIVED  
JUL 12 1989  
DER - BAQM

Mr. C.H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality Management  
Florida Dept. of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Bldg.  
Tallahassee, FL 32399-2400

RE: Air Quality Guidelines for Asphalt Plants Remediating  
Petroleum Contaminated Soil

Dear Mr. Fancy:

In recent weeks, it has come to my attention that the Department may soon be reviewing existing asphalt plant air quality statutes, guidelines, and policy, as they apply to soil remediation. Since this subject is of vital interest to TPS Technologies Inc., we would like to request a meeting with Department personnel to discuss the issue.

As you know, TPS Technologies presently has permits for three (3) Soil Remediation Units (SRU) in Florida. We have recently submitted an application to construct an additional eight (8) units over a two (2) year period.

In the business of decontaminating petroleum laden soils, asphalt plants represent our main competition. It is TPS Technologies' view that their regulatory obligations differ greatly from ours. Since these requirements strongly influence our overall competitiveness and ultimately, our Company's survival, we would like the opportunity to discuss them, in detail, with you.

Provided your schedule is accommodative, I would suggest the following dates for a meeting:

July 25, 26, 27, 31  
or  
August 1 through 4

I would further request that Mr. John Gentry and Mr. Willard Hanks be invited to attend.

July 7, 1989  
Page 2

After you have selected a firm date and time, please call me at (313) 591-1000, ext. 218, to confirm.

We at TPS believe our SRU's represent the appropriate technology to solve one of Florida's most serious environmental problems, namely, soil contamination caused by petroleum spills or leaky underground storage tanks. We further believe, and in fact, have demonstrated that this objective can be accomplished without transferring the problem from one ecosystem to another.

We look forward to meeting with you in the near future.

Respectfully,



Blair W. Dominiak  
Manager, Regulatory Compliance

BWD:ss

cc: Mr. John Gentry, Director  
Division of Operations

Mr. Willard Hanks, Engineer  
Bureau of Air Quality Mgmt.



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Willard Hanks, B.A.Q.M.  
FROM: David Knowles *D. Knowles*  
DATE: June 27, 1989  
SUBJECT: Statewide Soil Decontamination Units

In accordance with the memo from Clair Fancy, dated June 21, 1989, we have reviewed the application for permits to construct soil remediation units. We have no objection to the proposed conditions. We think the proposed pollution control system consisting of a baghouse followed by an afterburner is a good idea.

It would be interesting to test this system, at least once, for VOC emissions. The applicant should be advised to contact the Bureau of Waste Cleanup for requirement regarding testing of the treated soil.

DMK/jsw

*7/3/89  
Pinellas County (Gary) wants sulfur limit in no. 2  
fuel oil. Bunker guide says 0.7% is max.  
LMB*



DEPARTMENT OF ENVIRONMENTAL REGULATION

**ROUTING AND TRANSMITTAL SLIP**

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

*Willard Hanks*

Initial

Date

2.

*B. A. Q. M.*

Initial

Date

3.

*Parramore*

Initial

Date

4.

Initial

Date

REMARKS:

INFORMATION

**RECEIVED**

JUN 29 1989

DER-BAQM

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

*David Knowles  
Jart Myers*

DATE

*6-27-89*

PHONE

*721-7900*

June 21, 1989

**RECEIVED**  
JUN 27 1989

Mr. Daniel Thompson  
Office of General Counsel  
Florida Dept. of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Bldg.  
Tallahassee, FLA 32399-2400

Dept. of Environmental Reg.  
Office of General Counsel

RE: Application for Permit to Construct/Operate a  
Stationary Soil Remediation Unit by Southern Soil  
Services, Inc.  
Permit/Certification No. AC49-161737

Dear Mr. Thompson:

On behalf of the residents of the State of Florida, TPS Technologies Inc. formally requests that a public hearing be held concerning Southern Soil Services, Inc. application for a permit to construct/operate equipment for soil remediation in the Central Florida District of the Florida Department of Environmental Regulation. TPS Technologies Inc. further requests that more information be provided concerning total VOC emissions from such a source.

It is inappropriate, in our view, to not require Southern Soil Services, Inc. to comply with a total VOC emissions standard. Presently, their permit is written to limit only benzene emissions to the ambient. Benzene is only a small percentage of the total VOC's emitted to the ambient by their equipment. Furthermore, once a standard is mandated, a compliance test utilizing an EPA Method 25 test for VOC emissions should be required prior to issuance of a permit to operate.

Thank you for your attention to this matter.

Sincerely yours,



Blair W. Dominiak  
Manager,  
Regulatory Compliance

BWD:ss



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Gordon Dean, Bureau of Waste Clean-up  
District Air Program Administrators  
Local Air Program Administrators

FROM: Clair Fancy, Bureau of Air Quality Management *Clair Fancy*

DATE: June 21, 1989

SUBJ: Statewide Soil Decontamination Units

The Bureau is processing the attached applications for "state-wide" permits to construct soil decontamination units. The Bureau will require the use of an afterburner on all portable units in the future. Thus, any construction permit issued for these units will be similar to the one approved for O. H. Materials (AC 05-141459) which should be in your files.

Please send any comments and suggestions you have on the attached application to Willard Hanks in BAQM by July 3, 1989.

CHF/WH/s

attachment

June 19, 1989

Mr. C.H. Fancy, P.E.,  
Deputy Chief  
Bureau of Air Quality Management  
Florida Dept. of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Bldg.  
Tallahassee, FL 32301

RE: Processing Fees for Permits to Construct Soil  
Remediation Units  
Serial No. SRU-200P-103 through 110

Dear Mr. Fancy:

In addition to the \$1,000 sent with the original application, enclosed please find a check for \$7,000. TPS Technologies understands and agrees, per your letter of June 13, 1989, that a total processing fee of \$8,000 is required for permits to construct eight (8) soil remediation units (\$1,000 per unit).

Because these permits are vital to company planning, we appreciate the Department bringing this matter to our attention.

If further questions arise concerning the application, please call me at (313) 591-1000, ext. 218.

Sincerely yours,

*B.W. Dominiak*

Blair W. Dominiak  
Manager, Regulatory Compliance

BWD:ss

Attachment

cc: J.L. Powell

1031

RECEIVED  
DER - MAIL ROOM  
1989 JUN 20 PM 1:19

**TPS**

Thermo Process Systems Inc.  
Holcroft Inc.  
Thermo Incineration Inc.

070413

12068 Market Street, Livonia, Michigan 48150  
(313) 591-1000, FAX: (313) 591-6443 U.S.A.

JUNE 19, 1989

HOLCROFT 70000000000000000000

AMOUNT OF CHECK
\$7,000.00

86-2000  
86-8300

PAY

TO THE ORDER OF

FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION  
TWIN TOWERS OFFICE BLD.  
2600 Blair Stone Road  
Tallahassee, Fla. 32399-2400

*Robert F...*  
*Pr...*



Twin Towers Office Bldg.  
Tallahassee, FL 32301

RE: Processing Fees for Permits to Construct Soil  
Remediation Units  
Serial No. SRU-200P-103 through 110

Dear Mr. Fancy:

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If further questions arise concerning the application, please call me at (313) 591-1000, ext. 218.

Sincerely yours,

*B.W. Dominiak*

Blair W. Dominiak  
Manager, Regulatory Compliance

BWD:ss

Attachment

cc: J.L. Powell

1031

RECEIVED  
DER-MAIL ROOM  
1989 JUN 20 PM 1:19

BEST AVAILABLE COPY

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. Blair W. Dominiak Thermo Process Systems Inc. 12068 Market Street Livonia, Michigan 48150	<b>4. Article Number</b> P 938 762 589 <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
<b>5. Signature - Address</b> X	<b>8. Addressee's Address (ONLY if requested and fee paid)</b>
<b>6. Signature - Agent</b> X <i>J. Benoit</i>	
<b>7. Date of Delivery</b> JUN 10 1989	

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

P 938 762 589

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

Sent to Mr. Blair W. Dominiak, TPS	
Street and No. 12068 Market Street	
P.O., State and ZIP Code Livonia, Michigan 48150	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 6-14-89	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

June 13, 1989

CERTIFIED MAIL-RETURN RECEIPT REQUESTED


Mr. Blair W. Dominiak  
Thermo Process Systems Inc.  
12068 Market Street  
Livonia, Michigan 48150

Dear Mr. Dominiak:

The Department of Environmental Regulation received your application for permits to construct eight soil remediation units on June 12, 1989, along with a processing fee of \$1,000. According to 17-4.050(4)(a)3., Florida Administrative Code (copy enclosed), all sourced listed in the application must be located at the same facility to qualify for the similar source fee provision. Since the eight units you propose to construct will be operated on a state-wide basis, the correct fee is \$1,000 per unit. This decision is consistent with previous fee determinations for applications of this type.

Since you have already submitted \$1,000, we will begin processing the application for one of the units immediately, and resume processing for any additional units when appropriate fees are received (\$1,000 per unit). If you have any questions, please call me at (904)488-1344 or write to me at the above address.

Sincerely,

  
C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

CHF/pa

Enclosure

cc: Kenneth L. Wood

RECEIVED  
DER - MAIL ROOM  
1989 JUN 12 AM 10:40

2070 South Orange Blossom Trail  
Apopka, Florida 32703

(407) 886-2000  
Fax: (407) 886-8300

June 9, 1989

Mr. C.H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality Management  
Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Twin Towers Office Building  
Tallahassee, FL 32301

RECEIVED  
JUN 12 1989  
DER - BAQM

Re: Application for Permits to  
Construct Soil Remediation Units  
Serial No. SRU-200P-103 through 110

Dear Mr. Fancy:

Enclosed please find four (4) copies of our FDER application for a Permit to Construct eight (8) Soil Remediation Units (SRU) within a two (2) year period. It is our intention that each of these units be essentially identical in design and function. This generation of SRU's is very similar to our previously permitted units (FDER permits #AC48-150356, AC48-150358, and AC48-150360) with the exception that the new SRU's will contain an afterburner for the combustion of hydrocarbon emissions.

Please note that per the guidance of Mr. Willard Hanks, Engineer, FDER-BAQM, a total processing fee of \$1,000.00 is enclosed for the eight (8) SRU's.

TPS Technologies requests that the following conditions be included in the evaluation of this permit application:

- 1) Contaminated soil to include, but not limited to, soil containing virgin petroleum oil, used petroleum oil meeting the specifications of this permit ("on-spec" used oil), and petroleum product components and derivatives.
- 2) In view of the use of an afterburner, it is requested that no specific limitation be imposed on the maximum contamination level of the incoming soil; sole limitation to be confined to a VOC emissions total of less than or equal to 100 TPY.



		<b>AIRBILL</b> <small>USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII. USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO. QUESTIONS? CALL 800-238-5355 TOLL FREE.</small>		<b>PACKAGE TRACKING NUMBER</b> 9176890726	
9097M   9176890726		<b>RECIPIENT'S COPY</b>			
Date: 6/9/89		From (Your Name) Please Print: <b>Jeffrey L. Powell</b>		To (Recipient's Name) Please Print: <b>C.H. Fancy, P.E.</b>	
Your Phone Number (Very Important): (407) 886-2000		Recipient's Phone Number (Very Important): (904) 488-1...		Company: <b>Bureau of Air Quality Management</b>	
Company: <b>P S TECHNOLOGIES</b>		Department/Floor No.		Department/Floor No.	
Street Address: <b>070 SOUTH DRANGE BLOSSOM TRL</b>		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.): <b>2600 Blair Stone Rd., Twin Towers Off. Bl.</b>		City: <b>Tallahassee</b>	
City: <b>POPKA</b>		State: <b>FL</b>		State: <b>FL</b>	
ZIP Required: <b>3 2 7 0 3</b>		ZIP Required: <b>3 2 3 0 1</b>		ZIP Required: <b>3 2 3 0 1</b>	
<b>3 YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)</b>			<b>IF HOLD FOR PICK-UP, Print FEDEX Address Here</b>		
PAYMENT: <input checked="" type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct No. <input type="checkbox"/> Bill 3rd Party FedEx Acct No. <input type="checkbox"/> Bill Credit Card			Street Address:		
<input type="checkbox"/> Cash			City: State: ZIP Required:		
<b>4 SERVICES</b>		<b>DELIVERY AND SPECIAL HANDLING</b>		Emp. No. Date Federal Express Use	
1 <input type="checkbox"/> <b>PRIORITY 1</b> Overnight Delivery		1 <input type="checkbox"/> <b>HOLD FOR PICK-UP</b> (Fill in Box H)		<input type="checkbox"/> Cash Received	
2 <input type="checkbox"/> <b>COURIER-PAK OVERNIGHT ENVELOPE*</b>		2 <input checked="" type="checkbox"/> <b>DELIVER WEEKDAY</b>		<input type="checkbox"/> Return Shipment	
3 <input type="checkbox"/> <b>OVERNIGHT BOX</b>		3 <input type="checkbox"/> <b>DELIVER SATURDAY</b> (Extra charge)		<input type="checkbox"/> Third Party <input type="checkbox"/> Chg. To Del. <input type="checkbox"/> Chg. To Hold	
4 <input type="checkbox"/> <b>OVERNIGHT TUBE</b>		4 <input type="checkbox"/> <b>DANGEROUS GOODS</b> (Extra charge)		Street Address:	
5 <input type="checkbox"/> <b>STANDARD AIR</b> Delivery not later than second business day		5 <input type="checkbox"/> <b>CONSTANT SURVEILLANCE SERVICE (CSS)</b> (Extra charge) (Release Signature Not Applicable)		City State Zip	
*Declared Value Limit \$100.		6 <input type="checkbox"/> <b>DRY ICE</b> Lbs		Received By:	
		7 <input type="checkbox"/> <b>OTHER SPECIAL SERVICE</b>		Date/Time Received FedEx Employee Number	
		8 <input type="checkbox"/> <b>SATURDAY PICK-UP</b> (Extra charge)		Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom.	
		9 <input type="checkbox"/> <b>HOLIDAY DELIVERY</b> (if offered) (Extra charge)		Release Signature:	
		10 <input type="checkbox"/>		PART #111800 REVISION DATE 1/88 PRINTED IN U.S.A. SACEF	
		11 <input type="checkbox"/>		<b>009</b>	
		12 <input type="checkbox"/>		© 1988 F.E.C.	

June 9, 1989  
Mr. C.H. Fancy, P.E.  
Page 2

RECEIVED

JUN 12 1989

DER-BAQM

- 3) Relaxation of the allowable lead content of the contaminated soil from 100 ppm to 300 ppm.
- 4) Approval for the operation of multiple SRU's per non-attainment zone site with the same restriction as above, namely, that no one unit exceeds 100 TPY of VOC emissions.
- 5) Waiver of the requirement of the daily composite processed soil sample to include an analysis for total recoverable petroleum hydrocarbons by EPA Method 418.1.

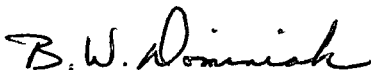
TPS Technologies will supply, in verbal or written form, detailed justification for each or all of the above conditions, if so requested by the Department of Environmental Regulation.

Should you have any questions concerning this application, please contact me in Livonia, Michigan at (313) 591-1000, ext. 218.

I sincerely appreciate your timely attention to this matter.

Respectfully yours,

TPS TECHNOLOGIES INC.



Blair W. Dominiak  
Manager, Regulatory Compliance

BWD/clj

Enclosures

THE FIRST NATIONAL BANK OF BOSTON  
BOSTON, MASSACHUSETTS 02110

5-39  
110

**TPS** Thermo Process Systems Inc.  
Holcroft Inc.  
Thermo Incineration Inc.

070156

12068 Market Street, Livonia, Michigan 48150  
(313) 591-1000, FAX: (313) 591-6443 U.S.A.

June 2, 1989

HOLCROFT 1000 and 0000  
1000 and 0000

AMOUNT OF CHECK

\$ 1,000.00

PAY

TO THE  
ORDER  
OF

Florida Department of Environmental Regulation  
Twin Towers Office Bldg.  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

*Robert J. G.*

Air Pollution Source Permit Fee  
SRU-200P-103 thru 110

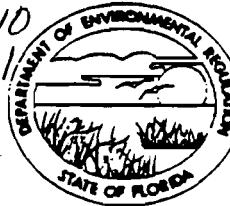
AC 48-166172  
STATE OF FLORIDA

\$7,000 pd #1,000 pd.  
6-20-89  
Recpt. #117632 6-12-89  
Recpt. #117629

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301

AC 48-166610  
AC 48-166611



AC 48-166605  
AC 48-166606  
AC 48-166607  
AC 48-166608  
AC 48-166609

BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Eight (8) Soil Remediation Units  New<sup>1</sup>  Existing<sup>1</sup>

APPLICATION TYPE:  Construction  Operation  Modification  
TPS Technologies Inc.

COMPANY NAME: (Formerly Florida Petroleum Services, Inc.) COUNTY: State-wide operation

Identify the specific emission point source(s) addressed in this application (i.e. Line  
Serial # (8 units)  
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) SRU-200P-103 thru 110

SOURCE LOCATION: Street 2070 S. Orange Blossom Trail City Apopka, Florida

UTM: East N/A North N/A

Latitude N/A "N Longitude N/A "W

APPLICANT NAME AND TITLE: Mr. Kenneth L. Wood, Vice-President

APPLICANT ADDRESS: 2070 S. Orange Blossom Trail Apopka, Florida 32703

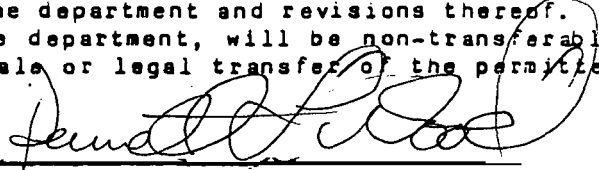
SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative\* of TPS Technologies Inc.

I certify that the statements made in this application for a construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

\*Attach letter of authorization

Signed:   
Kenneth L. Wood, Vice President  
Name and Title (Please Type)

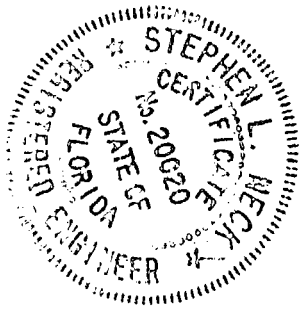
Date: 6-02-89 Telephone No. (407) 886-2000

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.



Signed Stephen L. Neck

Stephen L. Neck, P.E.  
Name (Please Type)

Air Consulting & Engineering, Inc.  
Company Name (Please Type)

2106 N.W. 67th Place, Suite 4 Gainesville, FL 32606  
Mailing Address (Please Type)

Florida Registration No. 20020 Date: 6/5/89 Telephone No. (904) 335-1889

**SECTION II: GENERAL PROJECT INFORMATION**

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

A state-wide permit is required for the construction/operation of eight (8) identical mobile soil remediation units (SRU), for the processing of contaminated soils. An SRU consists of a rotary drum dryer for volatilizing contaminants from soils, a high efficiency bag-house for controlling particulate emissions, and an after-burner for the combustion of hydrocarbon emissions. Particulate and volatile organic compound (VOC) emissions will be limited to 11.7 TPY and 97.5 TPY per unit, respectively.

B. Schedules of project covered in this application (Construction Permit Application Only)  
Start of Construction September 1, 1989 Completion of Construction August 31, 1991

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

Baghouse and controls approximately \$120,000  
Afterburner and controls approximately \$150,000

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.  
FDER permits to construct similar units (without afterburner): #AC48-150356, AC48-150358, and AC48-150360; Issued: October 14, 1988; Expiration Date: October 15, 1989. FDER permit to operate similar unit (without afterburner): #A053-146094; County: Polk; Issued: April 1, 1988; Expiration Date: April 1, 1989.

E. Requested permitted equipment operating time: hrs/day 24; days/wk 7; wks/yr 52;  
if power plant, hrs/yr \_\_\_\_\_; if seasonal, describe: \_\_\_\_\_  
7800 annual operating hours (89% availability)

F. If this is a new source or major modification, answer the following questions.  
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? Yes<sup>1</sup>  
a. If yes, has "offset" been applied? No  
b. If yes, has "Lowest Achievable Emission Rate" been applied? No  
c. If yes, list non-attainment pollutants. Particulates, Ozone

2. Does best available control technology (BACT) apply to this source?  
If yes, see Section VI. No<sup>2</sup>

3. Does the State "Prevention of Significant Deterioration" (PSD)  
requirement apply to this source? If yes, see Sections VI and VII. No

4. Do "Standards of Performance for New Stationary Sources" (NSPS)  
apply to this source? No

5. Do "National Emission Standards for Hazardous Air Pollutants"  
(NESHAP) apply to this source? No

H. Do "Reasonably Available Control Technology" (RACT) requirements apply  
to this source? Yes<sup>3</sup>

a. If yes, for what pollutants? Volatile Organic Compounds<sup>4</sup>, Particulate Matter

b. If yes, in addition to the information required in this form,  
any information requested in Rule 17-2.650 must be submitted. None required

Attach all supportive information related to any answer of "Yes". Attach any justifi-  
cation for any answer of "No" that might be considered questionable.

- 1) Portable unit will be used at various contamination sites (attainment as well as non-attainment areas).
- 2) Exempted by 17-2.500(2) (d)2.a (< 250 TPY any pollutant).
- 3) Baghouse has been designed to meet criteria for RACT standards, namely, 0.03 grains per dry standard cubic foot (gr/dscf).
- 4) No applicable RACT standard for this operation.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Contaminated Soils	Particulate	1.0 Fines	50,000	Attachment A
	VOC	0.5 Typical		

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): 50,000

2. Product Weight (lbs/hr): ≈ 44,750 (assuming 10% moisture and 0.5% VOC in the feed)

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission <sup>1</sup>		Allowed Emission Rate per Rule 17-2	Allowable <sup>3</sup> Emission lbs/hr	Uncontrolled Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Particulate	3.0	11.7	RACT equiv.	3.00	500.0	1950.0	
VOC	25.0	97.5	N/A	--	250.0	975.0	
CO	0.13	0.52	N/A	--	1.3	5.2	
NOx	5.3	20.7	N/A	--	5.3	20.7	
SO2	18.8	73.4	N/A	--	18.8	73.4	

<sup>1</sup>See Section V, Item 2. See attachment B

<sup>2</sup>Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3).

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Custom Baghouse	Particulate	99.4%	> 0.1 $\mu$	see below
Afterburner	VOC	90.0%	--	see below

afterburner efficiency =

E. Fuels Baghouse efficiency =  $\frac{500-3}{500} \times 100 = 99.4\%$ ;  $\frac{250-25}{250} \times 100 = 90.0\%$

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
Number 2 fuel oil	202.0	266.0	37.0
Note: LP gas used for burner ignition; approximately 10 minutes per day. Not considered in emission estimates.			

\*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: 0.5 Percent Ash: negligible  
 Density: 7.08 lbs/gal Typical Percent Nitrogen: negligible  
 Heat Capacity: 19,633 BTU/lb 139,000 BTU/gal

Other Fuel Contaminants (which may cause air pollution): \_\_\_\_\_

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average \_\_\_\_\_ Maximum \_\_\_\_\_

G. Indicate liquid or solid wastes generated and method of disposal.

Used filter bag media will be disposed at a sanitary landfill site. Baghouse dust will be collected and discharged with the processed soil. Processed soil will be disposed in compliance with Bureau of Waste Clean Up regulations or returned to the site owner for his disposal.



H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: 19' ft. Stack Diameter: 4' - 0" x 2' - 2" ft.  
 Gas Flow Rate: 39,000 ACFM 8700 DSCFM Gas Exit Temperature: 1400 °F.  
 Water Vapor Content: 15 % Velocity: 75 FPS

**SECTION IV: INCINERATOR INFORMATION**

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste \_\_\_\_\_

Total Weight Incinerated (lbs/hr) \_\_\_\_\_ Design Capacity (lbs/hr) \_\_\_\_\_

Approximate Number of Hours of Operation per day \_\_\_\_\_ day/wk \_\_\_\_\_ wks/yr. \_\_\_\_\_

Manufacturer \_\_\_\_\_

Date Constructed \_\_\_\_\_ Model No. \_\_\_\_\_

	Volume (ft) <sup>3</sup>	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: \_\_\_\_\_ ft. Stack Diameter: \_\_\_\_\_ Stack Temp. \_\_\_\_\_

Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM\* Velocity: \_\_\_\_\_ FPS

\*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: [ ] Cyclone [ ] Wet Scrubber [ ] Afterburner  
 [ ] Other (specify) \_\_\_\_\_

Brief description of operating characteristics of control devices: \_\_\_\_\_

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

#### SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]  
Actual Measurement
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made. Attachment B; compliance demonstrated per Attachment C for FDER permit #AC48-150358 for a similar unit.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).  
Attachment B
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)  
Attachment A
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency). Attachment C confirms baghouse efficiency; afterburner efficiency assumed for 0.5 second residence time at 1400° F operation.
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.  
Attachment A
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).  
N/A due to state-wide operation
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.  
N/A

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.  
 \$1,000 enclosed
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

**SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY**

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes  No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes  No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration

D. Describe the existing control and treatment technology (if any).

- |                           |                          |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:*           | 4. Capital Costs:        |

\*Explain method of determining

5. Useful Life:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

10. Stack Parameters

- a. Height: ft.
- b. Diameter: ft.
- c. Flow Rate: ACFM
- d. Temperature: °F.
- e. Velocity: FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

<sup>1</sup>Explain method of determining efficiency.

<sup>2</sup>Energy to be reported in units of electrical power - KWH design rate.

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:<sup>1</sup>
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:<sup>2</sup>
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:<sup>1</sup>
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:<sup>2</sup>
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

<sup>1</sup> Explain method of determining efficiency.

Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant

Rate or Concentration


(8) Process Rate:<sup>1</sup>

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:<sup>1</sup>

Contaminant

Rate or Concentration


(8) Process Rate:<sup>1</sup>

10. Reason for selection and description of systems:

<sup>1</sup>Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

**SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION**

**A. Company Monitored Data**

1. \_\_\_\_\_ no. sites \_\_\_\_\_ TSP \_\_\_\_\_ ( ) SO<sub>2</sub>\* \_\_\_\_\_ Wind spd/di:

Period of Monitoring \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month day year month day year

Other data recorded \_\_\_\_\_

Attach all data or statistical summaries to this application.

Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

a. Was instrumentation EPA referenced or its equivalent?  Yes  No

b. Was instrumentation calibrated in accordance with Department procedures?  
 Yes  No  Unknown

B. Meteorological Data Used for Air Quality Modeling

1. \_\_\_\_\_ Year(s) of data from \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
month day year month day year

2. Surface data obtained from (location) \_\_\_\_\_

3. Upper air (mixing height) data obtained from (location) \_\_\_\_\_

4. Stability wind rose (STAR) data obtained from (location) \_\_\_\_\_

C. Computer Models Used

1. \_\_\_\_\_ Modified? If yes, attach description.

2. \_\_\_\_\_ Modified? If yes, attach description.

3. \_\_\_\_\_ Modified? If yes, attach description.

4. \_\_\_\_\_ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO <sub>2</sub>	_____ grams/sec

E. Emission Data Used in Modeling

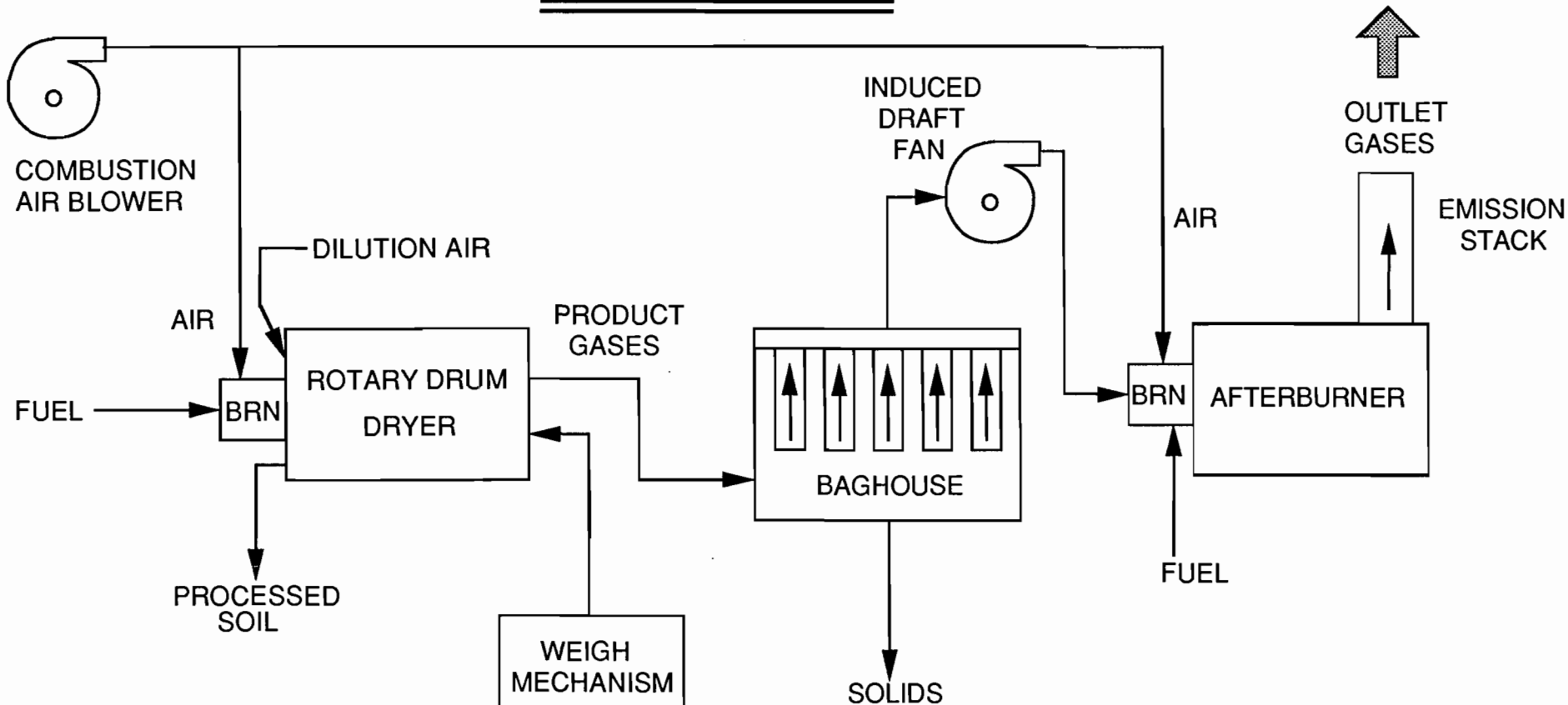
Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

# ATTACHMENT A



## **BAGHOUSE SPECIFICATIONS:**

PULSE JET CLEANING

13,000 ACFM

6:1 AIR-TO-CLOTH RATIO

4" W.C. AVERAGE PRESSURE DROP

## **AFTERBURNER SPECIFICATIONS:**

0.5 SECOND RESIDENCE TIME

1400° F NORMAL OPERATING TEMPERATURE

1800° F MAXIMUM OPERATING TEMPERATURE

## PROCESS FLOW DIAGRAM

SOIL REMEDIATION UNIT  
(SERIAL NO. SRU-200P-103 THRU 110)

TPS TECHNOLOGIES INC.



## ATTACHMENT B

### EMISSION CALCULATIONS

#### Particulate Matter (PM)

$$0.03 \text{ gr/DSCF} \div 7000 \text{ gr/lb} \times 8300 \text{ DSCFM} \times 60 \text{ min/hr} = 2.13 \text{ lb/hr}$$

Allowable emission applied for is 0.03 gr/DSCF and 3.0 lb/hr. Higher mass emission is to accommodate potential increase in volumetric flows on site specific basis.

#### Volatile Organics Compounds (VOC)

Based on a representative soil contamination concentration of 0.5% by weight and an afterburner destruction efficiency of 90.0%:

$$(0.005 \text{ lb VOC/lb feed}) \times (50,000 \text{ lb feed/hr}) \times (100-90.0)/100 \\ = 25.0 \text{ lb/hr.}$$

#### Carbon Monoxide (CO)

Reference AP-42 Table 1.3-1 Distillate Fuel:

$$(180.0 \text{ gph rotary drum dryer} + 86.0 \text{ gph afterburner}) \\ \times (5 \text{ lb CO}/1000 \text{ gallons}) \times (100-90.0)/100 = 0.13 \text{ lb/hr.}$$

#### Oxides of Nitrogen (NOx)

Reference AP-42 Table 1.3-1 Distillate Fuel:

$$(180.0 \text{ gph rotary drum dryer} + 86.0 \text{ gph afterburner}) \\ \times (20 \text{ lb NOx}/1000 \text{ gallons}) = 5.3 \text{ lb/hr.}$$

#### Sulfur Dioxide (SO<sub>2</sub>)

$$(180.0 \text{ gph rotary drum dryer} + 86.0 \text{ gph afterburner}) \\ \times (7.08 \text{ lb/gallon}) \times (0.005 \text{ lb S/lb oil}) \times (64 \text{ lb SO}_2/\text{lb mole SO}_2) \\ + (32 \text{ lb S/lb mole SO}_2) = 18.8 \text{ lb/hr.}$$

ATTACHMENT C

Excerpts From  
Source Test Report for Particulate and  
Visible Emissions

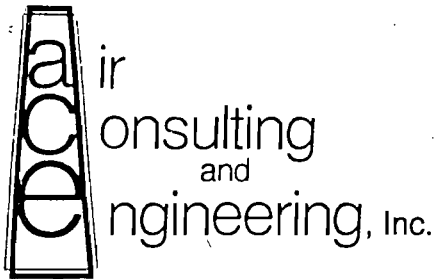
by

Air Consulting and Engineering, Inc.  
December 7, 1988

Soil Remediation Unit Number 101

FDER Permit #AC48-150358

(Complete report on file with Florida Department of Regulation -  
Southwest District Office and the Hillsborough County Environmental  
Protection Commission)



SOURCE TEST REPORT  
for  
PARTICULATE AND VISIBLE EMISSIONS

SOIL REMEDIATION UNIT NUMBER 101  
RED WING CARRIERS SITE  
TAMPA, FLORIDA

FDER PERMIT # AC 48-150358

DECEMBER 7, 1988

Prepared for:

FLORIDA PETROLEUM SERVICES, INC.  
2078 SOUTH ORANGE BLOSSOM TRAIL  
APOPKA, FLORIDA 32704

Prepared by:

AIR CONSULTING AND ENGINEERING, INC.  
2106 N.W. 67th PLACE, SUITE 4  
GAINESVILLE, FLORIDA 32606  
(904) 335-1889

211-88-04

To the best of my knowledge, all applicable field and analytical procedures comply with Florida Department of Environmental Regulation requirements and all test data and plant operating data are true and correct.



---

Peter F. Burnette

12-15-88

---

Date

## 1.0 INTRODUCTION

On December 7, 1988, Air Consulting and Engineering, Inc. (ACE) conducted particulate and visible emission tests on the baghouse outlet stack of Florida Petroleum Services, Inc.'s Soil Remediation Unit Number 101 located at the Red Wing Carriers Site in Tampa, Florida. Testing was undertaken to demonstrate compliance with the Florida Department of Environmental Regulation (FDER) Permit Number AC 48-150358.

Mr. Ken Wood of Florida Petroleum Services, Inc., coordinated the testing and Mr. Bill Schroder of the Hillsborough County Environmental Protection Commission observed a portion of the sampling.

## 2.0 SUMMARY AND DISCUSSION OF RESULTS

Florida Petroleum Services, Inc.'s Number 101 unit was found to be operating in compliance with particulate and visible emission limiting standards.

Particulate emissions averaged 0.0118 grains per standard cubic foot (gr/SCF) of stack gas sampled and 0.81 pounds per hour (lb/Hr). This compares to the permitted particulate emission limits of 0.03 gr/SCF and 3.0 lb/Hr. Table 1 summarizes particulate emissions and flue gas parameters. Complete emission data are presented in Appendix A. Field data sheets and laboratory data are located in Appendixes B and C, respectively.

Visible emissions at the stack outlet averaged 2.7 percent opacity for the highest six minute period of the test. This is within the compliance limit of 5 percent opacity. Visible emissions at the thickest point of the plume (approximately 15 feet downstream) averaged 7% opacity but the observer could not determine what proportion was condensed moisture versus condensed hydrocarbons. Evaluation further downstream, after all moisture was allowed to dissipate (residual plume), was much less than 5% opacity. Our field data sheet and observer's certification are presented in Appendix E.

Table 1

Summary of Particulate Matter Emissions

FLORIDA PETROLEUM SERVICES  
 TAMPA, FLORIDA  
 #101 RED WING CARRIER  
 Date: 12/7/88

Run No.	Stack Gas Flow Rate (SCFMD)	Stack Gas Temperature (Deg F)	Stack Gas Moisture (%)	Particulate Matter	
				Conc. (gr/SCF)	Emission Rate (Lbs/Hr)
1	8271	283	7.4	0.0201	1.42
2	7206	281	10.5	0.0072	0.44
3	8044	277	9.8	0.0082	0.56
Avg	7840	280	9.2	0.0118	0.81

**Best Available Copy****CROSS/TESSITORE & ASSOCIATES, P.A.**4763 S. CONWAY ROAD, SUITE F  
ORLANDO, FLORIDA 32812  
407/851-1484

669

May 17, 1989



Mr. Charles M. Collins, P.E.  
Supervisor, Air Permitting, Engineering  
Attention: John Turner  
FDER-Central Florida District  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Subject: Southern Soil Services, Inc.  
Permit No. AC49-161737  
May 11, 1989 Completeness Summary Air Pollution  
Sources. C/TA #S15.498

Dear Mr. Turner:

In response to subject source correspondence:

- 1) To clarify the extent of enclosure the sides of the soil containment structure will prevent unconfined particulate emissions from escaping the structure. As illustrated in the attached two drawings, sand blasting mesh wire screening will be installed from the roof to the concrete pad on all sides of structure including roll-up access and exit passages.
- 2) To clarify the measures to be utilized to protect the concrete berm from being damaged or the contaminated soil from being pushed over the top of the berm, as illustrated in Drawing 1, 4' high x 8' long plywood sheeting will be installed inside of the berm. Angle iron will be welded to the building support legs and the plywood bolted to these angle irons. The front end loader driver will also be instructed to operate the equipment carefully and not run into the walls.
- 3) Section III C

The potential VOC's, based on our earlier submittal of 160 ppm would result in 33.3 ton/year based on 2080 hr/year of operation. See attached revised Section III C, page 4A.



BEST AVAILABLE COPY

- 4) We have noted that pre-decontamination soil samples must also be tested for arsenic, cadmium, chromium, and total halogens.

Should you have any additional questions, do not hesitate to call me.

Sincerely,

Greg Gonzales  
Environmental Specialist

I have reviewed the above material and I concur.

  
Joseph L. Tessitore, P.E.  
Vice President

JLT:kbw  
Enc:a/s  
C0581

AACs =

Benzene -  $\frac{3}{100} = 0.03 \mu\text{g}/\text{m}^3$   
 Chloroform -  $\frac{435}{100} = 4.35$ "  
 Toluene -  $\frac{375}{100} = 3.75$ "  
 Xylene -  $\frac{435}{100} = 4.35$ "

2.42 Methyl Benzene = AAC of 0.03  $\mu\text{g}/\text{m}^3$

1.45 Benzene = 145 (0.43) = 204  $\mu\text{g}/\text{m}^3$

1.25 Benzene = 125 (0.43) = 175  $\mu\text{g}/\text{m}^3$

17.4 ppm Benzene = AAC

Chloroform & Xylene = 17.4 / (145) = 25

Toluene = 17.4 / (25) = 27

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Mt		

B. Process Rate, if applicable (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): \_\_\_\_\_

2. Product Weight (lbs/hr): \_\_\_\_\_

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

See Section V, Item 3

Name of Contaminant	Emission <sup>1</sup>		Allowed Emission Rate per Rule 17-2	Allowable <sup>3</sup> Emission lbs/hr	Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual 1/yr			lbs/hr	1/yr	
SO <sub>2</sub>	22.15	23.04	--	--	22.15	23.04	Section Item 6
NOX	6.24	6.49	--	--	6.24	6.49	"
CO	1.56	1.62	--	--	1.56	1.62	"
VOC (1)	0.06	0.06	--	--	0.06	0.06	"
VOC (2)	32.00	33.33	--	--	32.00	33.33	"

<sup>1</sup> See Section V, Item 2.

<sup>2</sup> Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2, Table 11 E. (1) - 0.1 pounds per million BTU heat input)

<sup>3</sup> Calculated from operating rate and applicable standard.

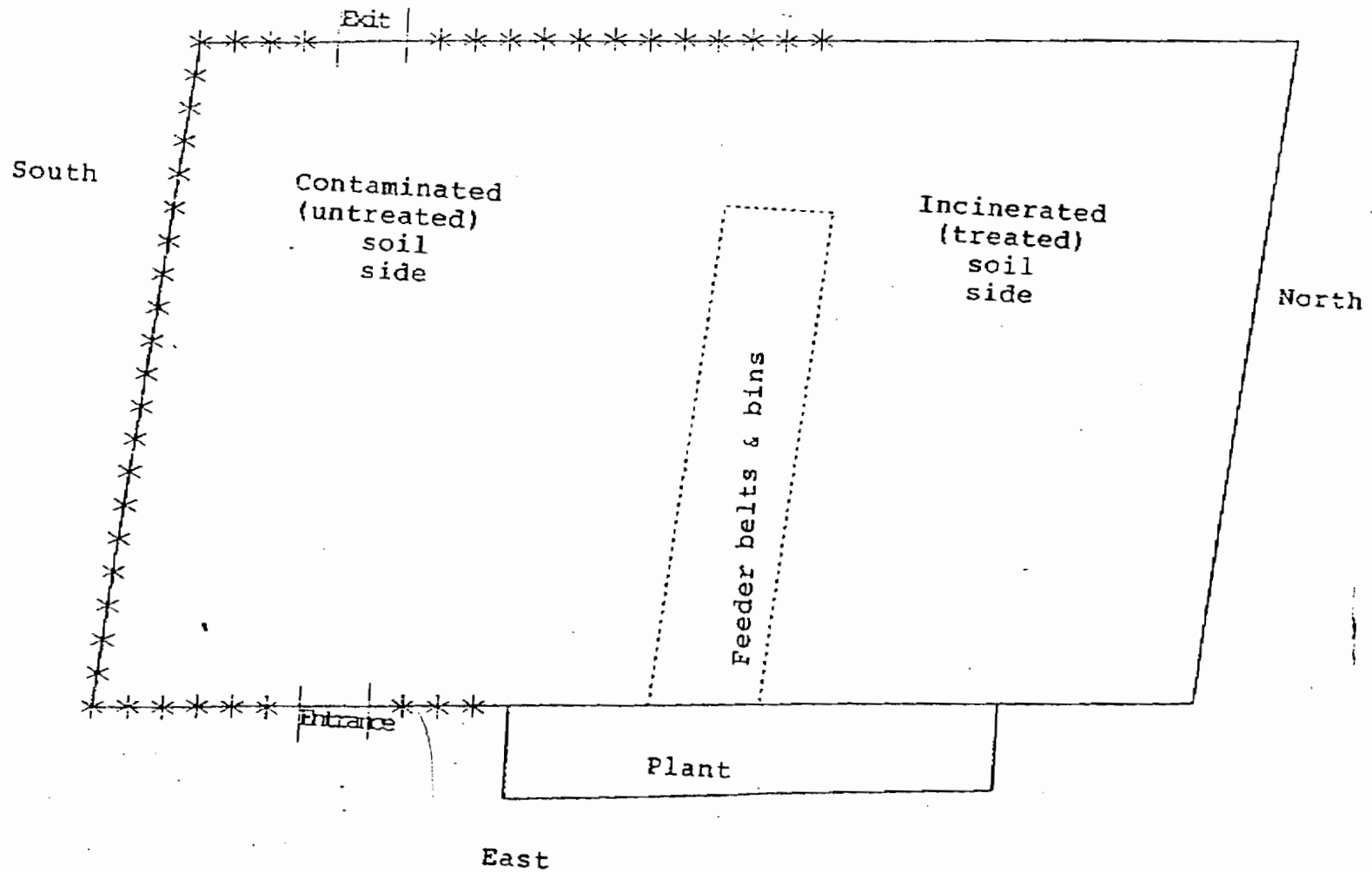
<sup>4</sup> Emission, if source operated without control (See Section V, Item 3).

(1) Emissions from fuel usage in burner

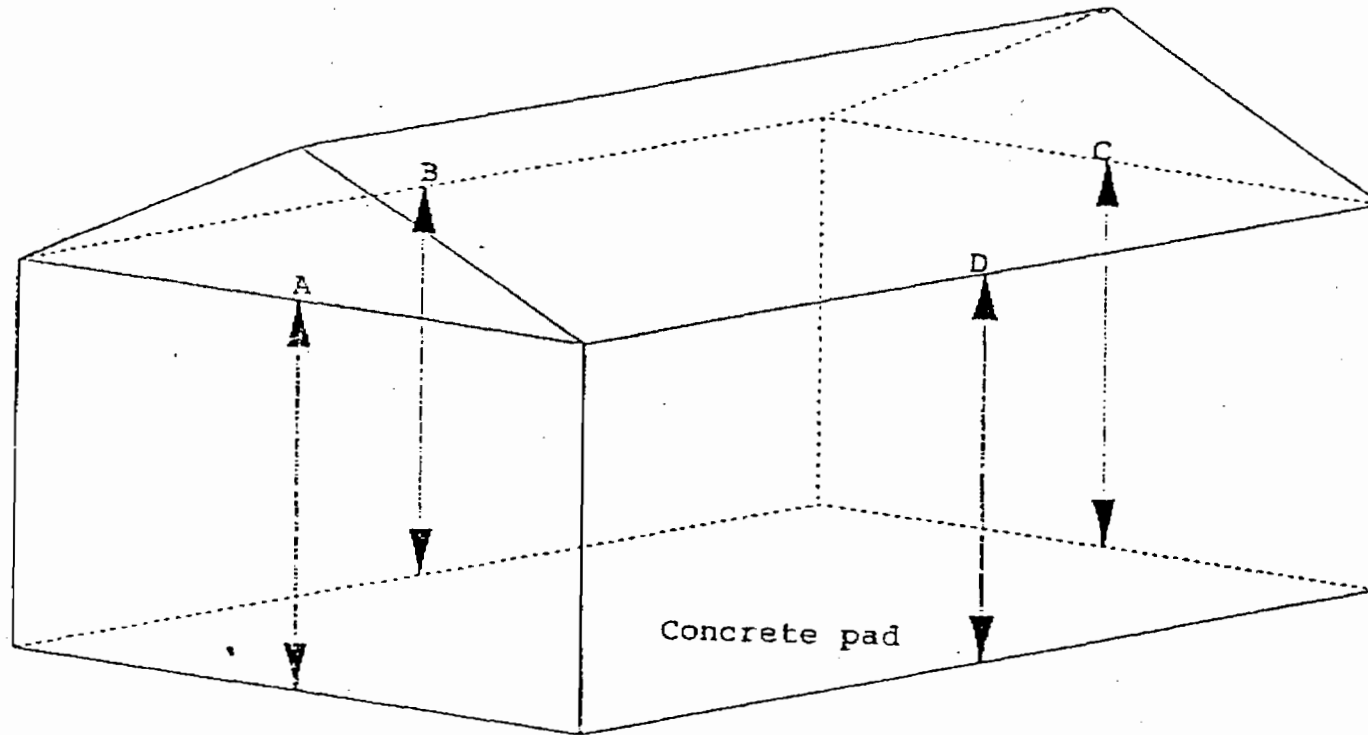
(2) Emissions from soil concentrations \*Note: Benzene emissions are 1.6 lb/1.7 ton/year.

West

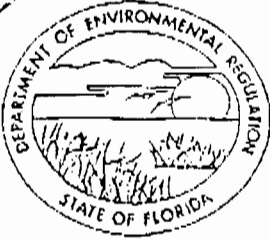
\* - Marks area to have 4'x8' plywood, suspended by angle iron. Inside the berm the angle iron will be welded to the building support legs. Plywood will be 4' high.



- \* Fiberglass screen mesh will extend from the roof to the concrete pad to alleviate fugitive material blow off.
- \* Mesh will allow ventilation but hold particulants.
- \* Mesh will cover all sides of the structure including roll-up access and exit passages.



Drawing 2



# Florida Department of Environmental Regulation

Central District • 3319 Maguire Boulevard, Suite 232 • Orlando, Florida 32803-3767 • 407-894-755

Bob Martinez, Governor

Dale Wachtmann, Secretary

John Shearer, Assistant Secretary  
Alex Alexander, Deputy Assistant Secretary

Permittee:  
Southern Soil Services, Inc.  
3505 Pugmill Road  
Kissimmee, Florida

Attention: Alan Keene, President

I. D. Number:  
Permit/Certification  
Number: AC49-161737  
Date of Issue:  
Expiration Date: 5/20/91  
County: Osceola  
Latitude/Longitude:  
28°16'15"N/81°27'20"W  
UTM: 17-455.5 KmE; 3127.1 KmN  
Project: Soil Remediation Plant

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

The permittee can construct a Soil Remediation Plant utilized to thermally decontaminate soil contaminated with petroleum products only. The plant includes a Dryer equipped with a Cyclone and a Pulse Clean Model 540-10 Baghouse with Nomex bags, an air to cloth ratio of 4.98 to 1, and a Particulate Matter (PM) reduction efficiency of approximately 99 percent. The emission discharge point is 38.5 feet above ground level. The Dryer is fired by No. 2 Fuel Oil only at a maximum heat input rate of 43.6 MMBTU/hour and the maximum soil processing rate is 100 tons/hour. The petroleum contaminated soil is stored on a covered and bermed concrete pad.

This source is located at 3505 Pugmill Road in Kissimmee, Osceola County, Florida.

General Conditions are attached to be distributed to the permittee only.

PERMITTEE:  
 Southern Soil Services, Inc.  
 Attention: Alan Keene, President

I. D. Number:  
 Permit/Certification Number:  
 AC49-161737  
 Date of Issue:  
 Expiration Date: 5/20/91

SPECIFIC CONDITIONS:

1. No objectionable odors will be allowed, as per Rule 17-2.620(2), F.A.C.
2. There shall be no discharges of liquid effluents or contaminated runoff to surface or ground water without prior approval from this office.
3. All unconfined emissions of particulate matter generated at this site shall be adequately controlled. (Rule 17-2.610(3), F.A.C.) Area must be watered down should unconfined emissions occur.
4. This permit does not preclude compliance with any applicable local permitting requirements and regulations.
5. This source is permitted to operate 8 hours/day and 2080 hours/year.
6. This source will be fired with new No. 2 Fuel Oil only having a maximum sulfur content of 0.5 percent by weight. The term "new" means an oil which has been refined from crude oil and has not been used and which may or may not contain additives.
7. The permitted heat input rate for this source is 43.6 MMBTU/hr.
8. The permitted process rate for this source is 100 tons per hour as stated in your application.
9. The maximum permitted emissions of Particulate Matter (PM) is 0.04 grains per dry standard cubic foot.
10. The maximum permitted opacity is 5 percent.
11. The soil contaminants shall consist only of virgin petroleum products unless the requirements of specific condition no. 12 are satisfied and prior approval is obtained from the Central District office.
12. The following constituents of the non-virgin petroleum products that contaminated the soil shall not be exceeded:

(#/hr) —

**DRAFT**

<u>Constituent</u>	<u>Allowable Level (max. ppm in oil)</u>
Arsenic	5
Cadmium	2
Chromium	11
Lead	100
Total Halogens	4000
PCB	0

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SPECIFIC CONDITIONS:

To demonstrate compliance with Specific Condition No. 12, the non-virgin petroleum product(s) responsible for contamination of the soil shall be tested for the listed contaminants. Test results shall be sent to the Central District Office fifteen (15) days prior to the soil remediation. This test is waived if the owner or operator of the site can demonstrate that only virgin petroleum products are responsible for contamination of the site by submitting a statement to the applicant which shall be retained on-site for at least 3 years and made available for inspection by the Department upon request.

*audit nos.  
freq. enough*

- 13. Based on the maximum 8 hrs./day operation, ground level Acceptable Ambient Concentrations (AAC) of Benzene shall not exceed 0.03 mg/M<sup>3</sup>.
- 14. Data in the application and air dispersion modeling indicates that for the maximum 8 hrs./day operation the maximum permitted emission rate of Benzene is 3.48 lbs./hour.
- 15. To insure compliance with specific conditions no. 13 and 14 the Benzene concentration in the contaminated soil shall not exceed 17.4 ppm.
- 16. To determine compliance with specific conditions 13, 14, and 15, sampling and analysis of the contaminated soil at each site, based on the procedures prescribed in SW-846, shall be conducted prior to remediation. Minimum number of composite samples for analysis for Benzene, and Volatile Organic Compounds (VOC) at each site prior to remediation shall be as follows:

**DRAFT**

<u>Soil Quantity (yard<sup>3</sup>)</u>	<u>No. of Composite Samples</u>
Less than 100 (150t)	1
100 to 500 (150-750t)	3
500 to 1000 (750 -1500t)	5
Over 1000 (1500t)	9

*VOC*

- 17. To insure the soil from each site meets specifications for treated soil, the soil existing the soil dryer shall be sampled on an hourly basis during operation and an analysis of a daily, composite sample made up of the hourly samples shall be performed for benzene, toluene, ethyl benzene, and xylenes concentration using EPA Method 5030/8020, and total recoverable petroleum hydrocarbon concentration using EPA Method 418.1. Records shall be kept on the date, time, and number of samples taken for each composite sample. All soil samples taken at the remediation site and exiting the soil dryer shall stored in a sealed glass container immediately upon sampling. Disposal of the treated soil must comply with the Bureau of Waste Cleanup policy on remedial action at petroleum contaminated sites.

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SPECIFIC CONDITIONS:

- Amended*  
*Page 9*
18. All analytical records required by this permit shall be retained for at least 3 years on-site and made available for inspection by the Department upon request.
  19. This source must be tested for particulate emissions in accordance with EPA Method 5 and concurrently for visible emissions in accordance with DER Method 9 within 30 days after being placed in operation.
  20. Oil Analysis by the applicant's fuel supplier may be used to determine compliance with the sulfur dioxide emission limit, if this can be substantiated with purchase order and records of usage.
  21. This office (Florida Department of Environmental Regulation, Air Permitting, Orlando) shall be notified at least fifteen (15) days in advance of the compliance tests so that we can witness them (Rule 17-2.700(2)(a)5, F.A.C.).
  22. This source must be tested at the maximum rate at which you intend to operate. Operation at rates that are more than 10 percent above the tested rate will require the department to be immediately notified, and, within 15 days the source must be tested for compliance at this higher rate by appropriate methods.
  23. 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 (Rule 17-2.700(7)(a),(b) and (c), F.A.C.).
  24. A differential pressure gauge is required to measure the pressure drop across the baghouse a minimum of 10 days before the stack test is performed (Rule 17-2.700(7)(c) F.A.C.).
  25. The Baghouse must be properly operated and maintained (Rule 17-2.210(2) F.A.C.). No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly (Rule 17-2.240 F.A.C.).
  26. The stack sampling facility must comply with Rule 17-2.700(4) Florida Administrative Code before the next stack test.
  27. 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 Chapter 17-2, F.A.C. or in this permit is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the department.



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SPECIFIC CONDITIONS:

28. In order to minimize on-site emissions from petroleum contaminated soil the following practices shall be implemented:
- a) Unconfined emissions of particulate matter during unloading, loading, and handling of contaminated and decontaminated soil shall be minimized.
  - b) Contaminated soil brought to the site shall be processed as expeditiously as possible in order to minimize storage time.
  - c) Contaminated soil shall be stored on an impermeable surface not subject to degradation by the petroleum products and which is covered and semi-enclosed. Any leachate that drains from the contaminated soil shall be collected and mixed with the contaminated soil prior to decontamination.
29. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new request for an extension of the construction permit. (Rule 17-4.09 Florida Administrative Code).

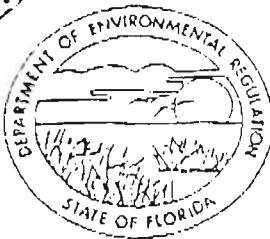
To obtain a permit, the permittee must demonstrate compliance with the conditions of the construction permit and submit the application fee, along with compliance test results and Certification of Completion of Construction to the Department's Central Florida District office 60 days prior to the expiration date of the construction permit.

This permit will expire May 20, 1991 or six months after construction is completed and the source is placed in operation, whichever date occurs first.

ISSUED \_\_\_\_\_

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

\_\_\_\_\_  
A. Alexander  
Deputy Assistant Secretary  
3319 Maguire Boulevard  
Suite 232  
Orlando, Florida 32803



# Florida Department of Environmental Regulation

Central District • 3319 Maguire Boulevard, Suite 232 • Orlando, Florida 32803-3767 • 407-894-1111

Bob Martinez, Governor

Dale Wachtmann, Secretary

John Shearer, Assistant Secretary  
Alex Alexander, Deputy Assistant Secretary

Permittee:  
Southern Soil Services, Inc.  
3505 Pugmill Road  
Kissimmee, Florida

Attention: Alan Keene, President

I. D. Number:  
Permit/Certification  
Number: AC49-161737  
Date of Issue:  
Expiration Date: 5/20/91  
County: Osceola  
Latitude/Longitude:  
28°16'15"N/81°27'20"W  
UTM: 17-455.5 KmE; 3127.1 KmN  
Project: Soil Remediation Plant

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① When soil hauled to asphalt plant for Brown Sand  
Brown Color  
decontamination,

Is soil analyzed BTEX? < all analyzed on site

Who gets copy of results? < copy // not analyzed for BTEX

VOC in soil (avg/max)

② TLV 8 hr/day operation

$$AAC = \frac{40}{40} \frac{1}{100} TLV = 0.03 \text{ mg/m}^3$$

$$\left(\frac{40}{168}\right) (0.007 \text{ mg/m}^3 \text{ for continuous})$$

BTEX analysis not required by BWC (Brown Color)

③ Calc. ppm soil

$$\text{Max BZ in soil} = \frac{3.48 \text{ \#/hr} \times 10^{-6}}{100 \times 2000 \text{ \#/hr w}} = 17.4 \text{ ppm in soil in BZ}$$

(CAC - not calc)

$$\text{MAX VOC} = \frac{32.0 \text{ \#/hr} \times 10^6 \text{ (perm)} }{100 \times 2000} = 160 \text{ ppm VOC in soil}$$

④ Calc. Max Emission

$$AAC = \text{Limit} (\text{\#/hr}) \times E$$

$$E = \frac{0.03 \text{ mg/m}^3 \times \text{hr} \times 3600 \text{ sec}}{3.48 \text{ \#/hr} \times \text{hr} \times 454 \text{ g}} = 0.068 \frac{\text{mg}}{\text{m}^3} \left(\frac{\text{g}}{\text{g}}\right)$$

?

Such parameters