



# Florida Department of Environmental Protection

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

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

## NOTICE OF PERMIT

By E-Mail  
[rwhittle@perma-fix.com](mailto:rwhittle@perma-fix.com)

Mr. Raymond Whittle  
Perma-Fix of Orlando, Inc.  
1940 N.W. 67<sup>th</sup> Place  
Gainesville, FL 32653

OCD-SW-09-0027

Orange County – SW WACS No. 95376  
Perma-Fix of Orlando, Inc., Rocket Blvd. Site - TS/VRF  
Waste Processing Facility  
Permit Application No. SO48-0288830-001

Dear Mr. Whittle:

Enclosed is Permit Number SO48-0288830-001 to operate the Perma-Fix of Orlando, Inc., TS/VRF - Waste Processing Facility, issued under Section(s) 403.061(14) and 403.707, of the Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit under Section 120.68 of the Florida Statutes, by filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 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 thirty days after this notice is filed with the Clerk of the Department.

Executed in Orlando, Florida

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

F. Thomas Lubozynski for

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Vivian F. Garfein  
Director, Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, FL 32803  
407/894-7555

Date: February 6, 2009

## FILING AND ACKNOWLEDGEMENT

Filed on this date, pursuant to Section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Feb. 6, 2009

\_\_\_\_\_  
**Clerk**

\_\_\_\_\_  
**Date**

## CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were sent before the close of business on February 6, 2009 to the listed persons.



\_\_\_\_\_  
**Clerk**

VFG/sj

### Enclosure:

1. Permit No. SO48-0288830-001
2. Appendix A - List of Documents Incorporated into Permit
3. Appendix B - Time Sensitive Specific Conditions

### Copies furnished to:

Richard Tedder, P.E. – DEP- Tallahassee [Richard.tedder@dep.state.fl.us](mailto:Richard.tedder@dep.state.fl.us)

David Bromfield, P.E. – Orange County [David.bromfield@ocfl.net](mailto:David.bromfield@ocfl.net)

Raj Singh, Perma-Fix of Orlando, Inc., [rsingh@perma-fix.com](mailto:rsingh@perma-fix.com)

Kurt Fogleman, Perma-Fix [kfogleman@perma-fix.com](mailto:kfogleman@perma-fix.com)

Tony Tripp, FDEP, [Anthony.tripp@dep.state.fl.us](mailto:Anthony.tripp@dep.state.fl.us)

Daniel Kuncicky, FDEP, [Daniel.kuncicky@dep.state.fl.us](mailto:Daniel.kuncicky@dep.state.fl.us)

Frank Hornbrook, FDEP, [frank.hornbrook@dep.state.fl.us](mailto:frank.hornbrook@dep.state.fl.us)

Tony Schiro, Schreiber, Yonley & Associates, [tonys@syaeng.com](mailto:tonys@syaeng.com)

Robert J. Schreiber, Jr., P.E., Schreiber, Yonley & Associates, [rschrei45@aol.com](mailto:rschrei45@aol.com)

Douglas L. Abeln, Schreiber, Yonley & Associates [douga@syaeng.com](mailto:douga@syaeng.com)



# Florida Department of Environmental Protection Permit

Permit Issued to:

**Perma-Fix of Orlando, Inc.**

located at 10100 Rocket Boulevard  
Orlando, Florida, Orange County  
Telephone No. (407) 859-4441  
Facility ID No.: WACS ID # 95376

Authorized Representative:

Mr. Raymond Whittle

Title: General Manager

1940 NW 67<sup>th</sup> Place

Gainesville, Florida, 32653

**Solid Waste Operating Permit –Transfer Station/Volume Reduction Facility  
Waste Processing Facility**

Perma-Fix of Orlando, Inc.

Permit No.: SO48-0288830-001

Permit Issued: 02/06/2009

Permit Renewal Application Due Date: 11/10/2013

Permit Expires: 01/09/2014

**Permitting Authority**

Florida Department of Environmental Protection

Central District Office

3319 Maguire Boulevard, Suite 232

Orlando, FL 32803

Telephone No. (407) 893-3328

Fax No. (407) 893-3124

Permittee:  
Perma-Fix of Orlando, Inc.  
1940 NW 67<sup>th</sup> Place  
Gainesville, FL 32653

WACS Facility: 95376  
Permit Number: SO48-0288830-001  
Expiration Date: 01/09/2014  
County: Orange  
Section 11, Township 24 South, Range 29 East  
Latitude 28°25'05" N, Longitude 81°23'11" W  
Project: Perma-Fix of Orlando, Inc. – TS/VRF  
Waste Processing Facility

Attention: Mr. Raymond Whittle

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

- To operate the Perma-Fix of Orlando, Inc. (PFO) Transfer Station/Volume Reduction Facility – Waste Processing Facility for consolidation and solidification of non-hazardous industrial solid waste for off-site disposal. The solid waste will be received in either solid or liquid form.
- The non-hazardous liquid form of the solid waste that will be accepted at the facility will be from the following three groups: wastewater, antifreeze, and water based resins and paints. The liquid wastes stored at the facility will be in storage areas provided with concrete flooring.
- Wastes received at the facility are consolidated and containerized. These containers are off-loaded into the enclosed storage area for inspection, receipt, possible sampling, eventual treatment and/or repackaging, and transfer for shipment to a final waste disposal facility. Wastes are not disposed of at the Perma-Fix facility.
- This permit is for the facility operations relating to storage and processing of non-hazardous waste only. (Operations involving the storage and processing of hazardous waste are authorized by a separate permit.) Semi-solid and solid non-hazardous wastes may be processed with an inert material for the purpose of rendering them safe and compliant for transportation and disposal purposes. Non-hazardous wastes are stored in tanker trucks, drums, totes, dump trailers, roll-off containers, and storage tanks.
- The waste storage area at the facility is designed for not more than 45,320 gallons (824 x 55-gallon) of hazardous and non-hazardous waste at any one time. Wastes stored in these areas will remain in containers and will be staged and stacked according to the approved Operations and Maintenance Manual (Attachment C of the Reference 1 in Appendix A).
- The equipment at the facility will include 2-3 inch diaphragm or centrifugal pumps, 5000-lb-capacity forklifts with 2-3 stage masts, backhoes, front-end loaders, and hand tools.

- The recyclable liquid wastes, and the non-processable (reject) wastes will be stored in the Container Storage Unit. The rejected waste must not remain at the facility for longer than 10 days after the receipt date.
- The hours of operation of the facility are 8 hours per day, 5 days per week.
- At the end of each workday, the processing activities will be documented including completing processing logs, and daily process reports.

LOCATION: The Perma-Fix of Orlando, Inc. facility is located at 10100 Rocket Blvd., Orlando, in Orange County, Florida approximately 3.5 miles west of the Orlando International Airport and about 1.5 miles to the southeast from the intersection of State Road 528 (Bee-Line Expressway) and the Florida Turnpike.

## 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 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.). The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
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), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
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 and 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 and 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 reasonable times, 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 conditions of this 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.
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 noncompliance; and

## GENERAL CONDITIONS:

- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject 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 Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
  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 Rule 62-4.120 and 62-730.300, Florida Administrative Code (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 information) 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;
      - 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 the 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.

PERMITTEE:  
Perma-Fix of Orlando, Inc.

WACS Facility: 95376  
Permit Number: SO48-0288830-001  
Expiration Date: 01/09/2014

Attention: Mr. Raymond Whittle

**SPECIFIC CONDITIONS:**

Note that time-sensitive specific conditions are summarized in Appendix B of this permit.

1. Plans and Specifications: Drawings, plans, documents and specifications submitted by the permittee, not attached hereto, but remain on file at the Central District office, are made a part of this permit. The documents are listed in Appendix A.
2. Document Requirements: A copy of the permit, with a complete copy of the permit application and engineering drawings shall be kept on file at the facility for inspection and review upon request.
3. Other Permits: This permit does not relieve the permittee from complying with any other appropriate permit requirements, for example, hazardous waste treatment storage and disposal facility, stormwater, or ERP..
4. Signs: Because this facility is for the sole use of Perma-Fix, the requirements of Rule 62-701.500(5) and (11) (g), F.A.C. can be met with a sign indicating the name of the operating authority, phone number, hours of operation, and statement indicating the facility is not open to the public. This sign must be posted at the main entrance to the facility.
5. Site Access: Access to the site shall be restricted by an effective barrier designed to prevent unauthorized entry and dumping, Rule 62-701.710(4)(f), F.A.C.
6. Litter, Dust & Fire Protection: The facility shall have litter control devices, dust controls, and fire protection. Litter is to be picked up and litter control devices are to be cleaned with the litter placed in the designated containers for disposal.
7. Safety Devices: Safety devices shall be provided on equipment to shield and protect the operators from potential hazards during operation.
8. Equipment Breakdown: In the event of equipment malfunction, destruction, breakdown or other problems resulting in the permittee being temporarily unable to comply with any of the conditions of this permit, the permittee shall immediately notify the Department. The notification shall address the cause of the problem, corrective action, and what steps are being taken to prevent a recurrence, as required by Rule 62-4.130, F.A.C.
9. Effluent Discharge: There shall be no release or discharge of waste, leachate, liquid effluents, or contaminated runoff to surface or ground water without prior approval from this Department.
10. Storm Water Management: All storm water runoff from the site shall be collected and treated to meet the requirements of Chapters 373 and 403, Florida Statutes (F.S.), and Rule 62-701.710(8), F.A.C prior to discharge off-site. The storm water management system shall prevent storm water flow into waste processing, storage, and disposal areas.



PERMITTEE:  
Perma-Fix of Orlando, Inc.

WACS Facility: 95376  
Permit Number: SO48-0288830-001  
Expiration Date: 01/09/2014

Attention: Mr. Raymond Whittle

SPECIFIC CONDITIONS:

11. Control of Nuisance Conditions: The permittee shall be responsible for the control of odors and fugitive particulates arising from this operation. Such controls shall prevent the creation of nuisance conditions that may arise from adverse odors and fugitive particulates, and their effect on adjacent or nearby properties and users. The permittee shall immediately investigate any complaints received and, where warranted, take corrective actions to abate the adverse odor or nuisance condition. The permittee must prepare a written report on each complaint describing the action taken to resolve the complaint, and submit the report to the Department within 10 days of receiving the complaint. If the complaint has not been resolved by that time, the permittee must prepare and submit an additional report no later than 10 days from the date of resolution.
12. Improper Operations: When the Department, after investigation, has good reason (such as complaints, questionable maintenance of equipment, improper operations, etc.) to believe that any applicable standard contained in Chapter 62-701, F.A.C. or in this permit is being violated, it may require the owner or operator of the source to identify the nature of the problem and to submit a report to the Department, in writing, on the results of the investigation and corrective action taken to prevent its recurrence.
13. Leachate Minimization: All sorting, processing, and storage shall be completed under a permanent roof structure or within covered containers protected from the rainfall.
14. Transfer Station/Volume Reduction Facility Requirements: The facility shall meet all applicable requirements for Waste Processing Facilities, Rule 62-701.710, F.A.C.
15. Cleanup of Solid Waste Storage Areas: All solid waste storage areas shall be maintained and cleaned, as necessary, to prevent fly, rodent, and other vector problems.
16. Solid Waste Processing Rates: The average solid waste processing rate at the site is 21 tons per day as stated in the application. Actual operating rates may vary depending upon business conditions.
17. Operation Plan: The facility operators shall be trained, Rule 62-701.320(15), F.A.C., and a copy of the operation plan that describes how the applicant will comply with Rule 62-701.710(4), F.A.C. shall be kept at the facility.
18. Record Keeping: The permittee shall comply with the record keeping requirements of Rule 62-701.710(9), F.A.C.
19. Permit Deviations: The Department shall be notified and approval shall be obtained prior to executing any substantial changes or revisions to the operations authorized by this permit.
20. Operation Permit Renewal: An operation permit renewal must be submitted at least 60 days prior to the expiration date of this permit. (Rule 62-4.090, F.A.C.)
21. Storage Capacity: Any non-hazardous solid waste stored in the facility will be included in the 45,320 gallon permitted storage capacity of the Hazardous Waste Part B permit. This includes any waste received but not processed as well as any waste that has been processed.

PERMITTEE:  
Perma-Fix of Orlando, Inc.

WACS Facility: 95376  
Permit Number: SO48-0288830-001  
Expiration Date: 01/09/2014

Attention: Mr. Raymond Whittle

SPECIFIC CONDITIONS:

22. Waste Monitoring: The quantity of waste on-site shall be continuously monitored as indicated on Page 3 – Waste Evaluation and Storage Section of the Application for Permit to Operate a Waste Processing Facility dated May 2008 (Received and Stamped May 29, 2008, Central District – DEP, Reference No. 1 – Appendix A).
23. Solid Waste Distribution: The distribution of solid waste to off-site treatment and disposal facilities shall follow the guidelines shown in Attachment E of the Additional Information received from Schreiber, Yonley, & Associates on behalf of Perma-Fix of Orlando dated July 17, 2008. (Received and stamped July 18, 2008, DEP – Central District, Reference No. 3 – Appendix A).
24. Facility Closure: The owner or operator shall notify the Department in writing 180 days before the date the facility is expected to close. Closure shall be completed within 180 days after receiving the final waste quantity. Within 30 days after closure is completed, the owner or operator shall certify in writing to the Department that closure is complete.
25. Financial Assurance Requirements: The next financial assurance update is due March 01, 2009. The permittee shall maintain compliance with the financial assurance requirements of Rule 62-701.710, F.A.C., by submitting all required updated supporting documentation in accordance with Rule 62-701.630, F.A.C. and 40 CFR Part 264, Subpart H as adopted by reference in Rule 62-701.630, F.A.C. All submittals in response to this specific condition shall be submitted to the Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS-4565, Tallahassee, Florida 32399-2400.
26. Annual Cost Estimates and Financial Instrument Adjustments: The permittee shall in addition to annually adjusting the closure and long-term care cost estimates, adjust the financial assurance mechanism to reflect an increase in cost estimates. Cost estimate adjustments shall be in accordance with Rule 62-701.630(4), F.A.C. Instrument adjustments shall be in accordance with Rule 62-701.630, F.A.C. and 40 CFR Part 264, Subpart H as adopted by reference in Rule 62-701.630, F.A.C. Documentation of financial mechanism increases shall be submitted to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS-4565, Tallahassee, Florida 32399-2400. All estimate update submittals shall be sent to: Department of Environmental Protection, Central District, Solid Waste Section, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767.

ISSUED: February 6, 2009

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



F. Thomas Lubozynski for

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Vivian F. Garfein  
Director, Central District  
3319 Maguire Boulevard – Suite 232  
Orlando, Florida 32803

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



Feb. 6, 2009

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Clerk

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Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were sent before the close of business on February 6, 2009 to the listed persons.



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Clerk

Appendix A  
List of Documents Incorporated into the Permit

1. "Application for Permit to Operate A Waste Processing Facility", prepared by Perma-Fix of Orlando, Inc., Orlando, Florida, dated May 2008. Received and stamped May 29, 2008, Central District - DEP.
2. First Request for Additional Information from Central District - DEP dated June 18, 2008
3. Response from Schreiber, Yonley, & Associates on behalf of Perma-Fix of Orlando dated July 17, 2008. Received and stamped July 18, 2008, DEP - Central District.
4. Second Request for Additional Information from Central District - DEP dated July 29, 2008
5. Response from Schreiber, Yonley, & Associates on behalf of Perma-Fix of Orlando dated August 29, 2008. Received and stamped September 02, 2008, DEP - Central District.
6. Third Request for Additional Information from Central District - DEP dated October 01, 2008
7. Response letter from Frank Hornbrook, FDEP Tallahassee to Ben Naccarato, Perma-Fix of Orlando, Inc. (WPF) approving financial assurance documentation - dated October 17, 2008

**Appendix B**  
**Time Sensitive Specific Conditions**  
**DEP Permit Number SO48-0288830-001**

Specific Condition	Requirement	Action	Due date
8	Equipment Breakdown	Notify the Department of equipment breakdown, malfunction, etc.	Immediately upon discovery
9	Effluent Discharge	Prior to any discharge of liquid effluents/contaminated runoff to surface water or groundwater	Seek Approval of the Department
11	Control of Nuisance Conditions	Prepare and submit a written report on each warranted complaint describing the action taken to resolve the complaint	Within 10 days of receiving the complaint
11	Control of Nuisance Conditions	Submit an additional report if complaint has not been resolved within 10 days	No later than 10 days from the date of resolution
18	Record Keeping	Meet record keeping requirements of Rule 62-701.710(9), F.A.C.	At all times
19	Permit Deviations	Notify the Department of any substantial changes or revisions to the operation	Prior to executing any substantial changes or revisions to the operation
20	Operation Permit Renewal (Permit Expires on 01/09/2014)	Submit an operation permit renewal application	At least 60 days prior to the expiration date of this permit (before 11/10/2013)
21	Storage Capacity	Storage of both hazardous and non-hazardous waste shall not exceed 45,320 gallon as specified in the Hazardous Waste Part B permit. This includes any non-hazardous solid waste stored at the facility.	At all times
24	Facility Closure	Notify the Department in writing	Within 180 days of expected facility closure date

**Appendix B**  
**Time Sensitive Specific Conditions**  
**DEP Permit Number SO48-0288830-001**

Specific Condition	Requirement	Action	Due date
24	Facility Closure	Completion of Closure	Within 180 days of the last day waste is received at the facility.
24	Facility Closure	Certify in writing to the Department that closure is completed	Within 30 days after closure is completed
25	Financial Assurance Requirements	Annually adjust the closure and long-term care cost estimates and funding of the financial assurance mechanism	Submit between January and March 1 of each year. Your next financial assurance mechanism update is due NLT March 1, 2009.