

Perma-Fix Of Florida Operations

April 4th, 2024

PermaFix[®]
environmental services
Experience You Can Trust

The logo graphic consists of a blue circular ripple effect with a red swoosh above it, positioned to the right of the text.

Randy Self, PFF VP/General Manager

Comprehensive Capabilities



HAZARDOUS AND MIXED WASTE PROCESSING

We are licensed and permitted by the State of Florida to treat a variety of mixed characteristic and listed waste soils, liquids, sludge, and debris to meet Land Disposal Restriction (LDR) standards and/or other disposal objectives. In addition, PFF is permitted and licensed for bulking and other pretreatment of mixed wastes.

Our newest technological capability is an evaporator as treatment of radioactive waters. This treatment results in over exponential volume reduction, saving clients in disposal fees and reducing landfill footprints.

Additional capabilities include:

- Stabilization, Neutralization, and Deactivation
- Solidification and Macroencapsulation
- Labpack Processing
- Sort and Segregation
- Solvent Extraction/Debris Washing

Waste Acceptance

Industrial and Radioactive Waste Acceptance

2023 Radioactive and Industrial waste receipts

- **19,347 Containers or 7.7M pounds**



Radiological Waste Processing

5 Radioactive Waste Processing Areas



- *VTD Processing Area*
- *Stabilization Room*
- *LSV Processing Area*
- *Perma-Con Sort & Seg*
- *Evaporator Room*

And a stand-alone radioactive waste sampling area to minimize downtime and maximize through-put operations

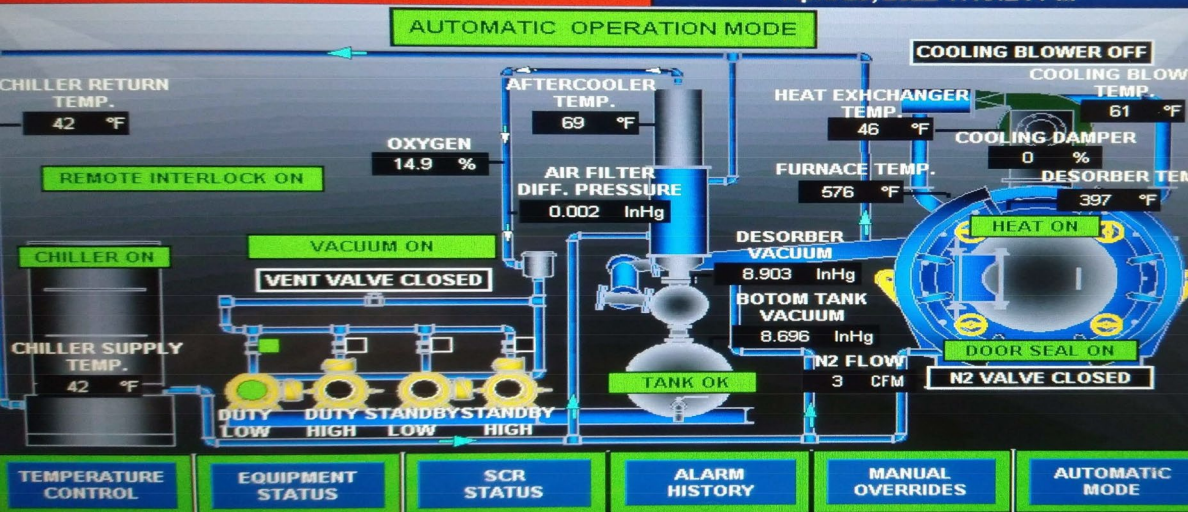
ThermaFixGen³

Upgrades to support TSCA VTD Treatment



THERMAL DESORBER
(MR-15EX)

April 28, 2022 1:10:24 PM

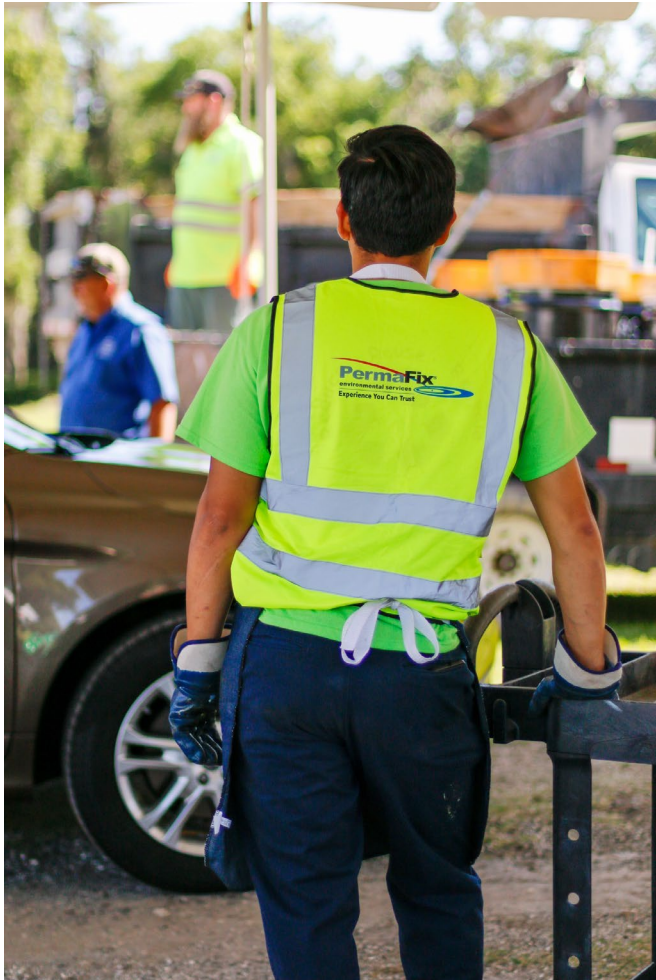


- Upgrades completed early November 2023
- Ramp-up testing finalized and unit returned to general operation
- Notification submitted to Region 4 EPA
- TSCA testing completed last week

Industrial and Field Services

Southeastern Operations

- Household Hazardous Waste events
- Manage County hazardous waste collection sites
- Routine pick-up services in Florida, Georgia and Alabama on zoned schedules
- Service military installations and port authorities
- FDEP Emergency Service Contract
- DLA Contracts
- Laboratory clean-outs and waste management services



Technical Support

Laboratory Operations



Research and Development Laboratory

- Phd Chemist and analysts added
- Numerous studies underway involving new research (e.g. PFAS), operational support and DOE legacy waste studies

Radiation Laboratory and RCT Staff

- Equipment
- RCT's

Perma-Fix Analytical Services (PAS)

- NELAC Certification Obtained
- Washington state reciprocity
- Equipment (ICAP, GC's and others)



Transportation Services

- 6 x tractors (3 sleepers, 2 box trucks and a day cab)
- 1 x tanker for hazardous waste
- 1 x Rubber lined ISO-Tanker w/chassis
- 3 x 48' lift gate trailers
- 1 x 27' lift gate trailer



- 1 x 53' trailer and 1 x 53' flat bed trailer
- 8 x Hard Top roll-offs
- 9 x 20 yard roll-offs (soft top)
- 1 x 30 yard roll-offs (soft top)
- 9 x 20' Cargo Shipping containers

Perma-Fix of Florida

2024-2025 Goals

- Obtain Final TSCA Treatment Permit
- MCEP Certification
- Expand Operations to Valdosta Facility to serve as PFF satellite
 - Recent reopening of 10-day transfer facility
 - Much larger facility with rail access

