

Nuclear Waste Management Forum

MONDAY, NOVEMBER 27, 2017

6:30-9:00p.m.

Registration and Opening Reception - Hermitage C/D ~ *Vendor Area Open*

TUESDAY, NOVEMBER 28, 2017

7:15-8:00a.m.

Registration and Breakfast - Hermitage C/D ~ *Vendor Area Open*

OPENING REMARKS

8:00-8:50A.M.

Sessions Will Be Held in the Magnolia Ballroom

Welcome & Opening Remarks

Forum Overview

Perma-Fix Update

KEY NOTE ADDRESS

8:50-10:00A.M.

Key Note Speaker
DOE EM Priorities

DOE EM Closure Mission for Oak Ridge

NRC Update on Part 61

10:00-10:20a.m.

Break - Hermitage C/D ~ *Vendor Area Open*

DOE'S TANK WASTE PROGRAM

10:20-12 NOON

DOE's Waste Tank Program

Nuclear Waste Management Forum

TUESDAY, NOVEMBER 28, 2017

DOE'S TANK WASTE PROGRAM

10:20-12 NOON

Tank Waste Management at Hanford

Savannah River Salt Waste Processing Facility Construction Complete and Next Steps

Tank Waste Management at Savannah River

Tank Waste Management at Idaho

12:00-1:00p.m. Lunch - Hermitage C/D ~ *Vendor Area Open*

A FORWARD LOOK AT DOE EM'S DECOMMISSIONING, REMEDICATION AND WASTE MANAGEMENT NEEDS 1:00-3:00P.M.

Clean-up Progress on Hanford's Central Plateau

Four Rivers "A Look Forward"

Fluor Idaho - Progress Since Integration of CWI and AMWTP

West Valley Site D&D and Construction of HLW Storage

Fluor B&W Portsmouth Site Update

3:00-3:20p.m. Break - Hermitage C/D ~ *Vendor Area Open*

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TUESDAY, NOVEMBER 28, 2017

AN INTERNATIONAL LOOK AT DECOMMISSIONING,
REMEDiation AND WASTE MANAGEMENT NEEDS
3:20-4:40P.M.

Waste Management in Canada

Treatment Technologies in Europe

Radioactive Waste Disposal Options in Italy

Adjourn - Closing Remarks and Evening Logistics

REGULATORY TRAINING

4:40P.M.-5:40P.M.

2017 Regulatory Update SW-849

Perma-Fix Environmental Services, Inc.

EVENING ENTERTAINMENT



5:45-6:00p.m.

6:00-9:00p.m.

Shuttles Depart For Dave & Buster's

Shuttle to and from Dave & Buster's will be provided at the Presidential Portico

**Evening Entertainment provided by Perma-Fix at Dave & Buster's
Opry Mills Mall**

Eat, drink & play!

Nuclear Waste Management Forum

WEDNESDAY, NOVEMBER 29, 2017

7:45-8:30a.m.

Registration and Breakfast - Hermitage C/D ~ *Vendor Area Open*

WASTE DISPOSITION: A NEW APPROACH TO DOE'S WASTE MANAGEMENT

8:30-10:00A.M.

Sessions Will Be Held in the Magnolia Ballroom

Energy Communities Alliance

Waste Disposition: A New Approach to DOE's Waste Management Must Be Pursued

Oak Ridge Reservation Community Leader

Savannah River Community Leader

Hanford Community Leader

10:00-10:20a.m.

Break - Hermitage C/D ~ *Vendor Area Open*

INCREASED VALUE OF WASTE TECHNOLOGY OFFERINGS

10:20-12 NOON

Perma-Fix Offerings Related to ECA's Approach

Perma-Fix Northwest Large Component/TRU Waste Processing

Perma-Fix M&EC/DSSI Combined Facility Technologies for Reactive Waste Streams

Perma-Fix of Florida Expansion of Industrial Offerings and New Water Process Capability

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WEDNESDAY, NOVEMBER 29, 2017

INCREASED VALUE OF WASTE TECHNOLOGY OFFERINGS

10:20-12 NOON

Perma-Fix Nuclear Services On-Site Project Update

12:00-1:00p.m. Lunch - Hermitage C/D ~ *Vendor Area Open*

MIXED LOW-LEVEL WASTE STREAMS

1:00P.M. -2:00P.M.

EFCOG WMWG Initiative - Identifying Problematic Waste Streams

Mercury Clean-up on the Oak Ridge Reservation

BEA Idaho - Reactive Waste Challenges

Veolia Update

2:40-3:00p.m. Break - Hermitage C/D ~ *Vendor Area Open*

WHAT'S NEW WITH DISPOSAL

3:00-4:00P.M.

Technical Standards for DAW Characterization

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WEDNESDAY, NOVEMBER 29, 2017

WHAT'S NEW WITH DISPOSAL

3:00-4:00P.M.

Various Outlet Updates

WIPP Disposal

Closing Remarks

EVENING ENTERTAINMENT



6:00p.m.

Shuttles depart from Presidential Portico

Shuttle service will be provided from The Dawg House and Tootsies back to the Opryland on the hour until 9:30p.m.

6:30-9:30p.m.

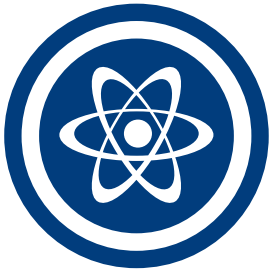
Frham Safety Products Sponsored Hospitality Event

The Dawg House

Enjoy food, beverages & live music

Nuclear Waste Management Forum

PERMA-FIX SERVICES OFFERINGS



Nuclear Services

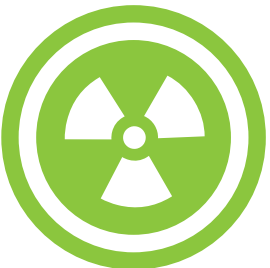
Perma-Fix's comprehensive Environmental Remediation and Decontamination & Decommissioning (D&D) services include full-service capabilities including a team of project managers and key personnel to lead projects to completion. In addition, Perma-Fix offers expertise in the complete range of project support functions such as quality, safety and health, and radiological protection oversight. We have more than 20 year of experience with state and federal agency clients, as well as industrial clients at sites that are contaminated with hazardous, mixed, and radiological wastes and materials. Through performance of more than 200 radiological and hazardous waste remediation and/or D&D projects, Perma-Fix is familiar with environmental regulations (e.g., RCRA, CERCLA, TSCA, etc.) and the regulations governing waste transportation and disposal. We have remediated and disposed of hazardous, mixed, and radioactive wastes and materials including: asbestos; PCBs; mold; acids; lead-based paint; mercury, beryllium, lead, silver, and other heavy metals; volatile and semi-volatile organics; alpha-, beta-, and gamma-emitting radioisotopes; petroleum, oils, and lubricants; and hazardous gases.



Waste Services

Perma-Fix provides total waste management for commercial and government agencies through the entire waste lifecycle. We have been managing and treating waste for disposal since 1990, and with our network of five fully licensed and permitted radioactive and hazardous waste processing facilities we are well versed in all phases of waste management. Perma-Fix plans treatment campaigns based on the designated disposal cell waste acceptance criteria and land disposal requirements, based on our vast experience of managing wastes destined for all major federal and commercial radioactive disposal cells in the United States.

Perma-Fix offers the most comprehensive mixed waste management services in the nation and assists clients with their most challenging waste streams. Our Research and Development Laboratory performs treatability studies on clients' waste streams and develops treatment recipes and protocols to process wastes previously deemed "orphan" (no path forward). Perma-Fix has been instrumental in addressing many of the Department of Energy's (DOE's) orphan wastes, allowing for storage facility closures and decommissioning, and meeting treatment plan milestones at DOE sites across the country.



Technical Services

Perma-Fix provides the full range of Radiation Protection, Radiological Engineering and Health Physics services including radiological and industrial hygiene instrumentation to a variety of government and commercial clients. Our services include Radiation protection program design, development and implementation, Radiological risk assessments supporting release criteria development and design basis accident analyses of radiological consequence using multiple codes (RESRAD, DandD, Microshield), NUREG 1757 decommissioning plan development, NUREG 1575 (MARSSIM) final status survey plan development and implementation, ALARA support, Radiological and Industrial Hygiene instrumentation rental, calibration and maintenance, and Rapid survey technologies using automated data collection and pin-point locations through GPS and laser systems.

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