

- 1  **WELCOME**
  - +Please call 605-475-6006, enter access code 844157#
  - +Then introduce yourself
  - +Then hit \*6 to mute your phone line
  - +You may hit \*6 again to un-mute your phone to ask a question

- 2  **Presents**

**Oregon UST Service Provider**  
Webinar Series

Sponsored by

- 3  **www.USTtraining.org**
- 4  <http://www.deq.state.or.us/lq/tanks/ust/>
- 5  **POLLS: Who are you?**
  - +Years in business
  - +Cert. Type
  - +2007-2008 attendees
  - +Why back
  - +Webinar experience

- 6  **Schedule: Sign up for some or all**

- 7  **FEEDBACK: How many of these webinars are signed up for?**

- 8  **Outline**

- 1  **+Session 1: Introduction**
  - +Overview
  - +Energy Policy Act
- +Session 2: Fire Safety**
  - +General Site Safety
  - +Fire Triangle
  - +Alternative Fuels
  - +Purging Vs. Inerting
  - +Urban Legends

2 **+Session 3: Installation & Modifications**

- +Installation Permits
  - +Recommended Practices
  - +Notification and Reporting
- +Operating Permits
  - +Notification
- +Modification Permits
  - +Recommended Practices
  - +Notification and Reporting

9  **Outline**

1 **+Session 4: UST Rules Overview**

- +Inspecting, Testing, Maintenance, Repair and Record Keeping for
  - +Release Detection
  - +Release Prevention

2 **+Session 5: Closure, Overfill**









- +Recommended Practices
- +Notification and Reporting
  - +Temporary Closure
  - +Permanent Closure
- +Overfill Prevention

10  **Tools**

- +Chat box
- +Feedback Form
- +Polls
- +Handouts
- +Web Links
- +Videos

11  **Ground Rules**

- 1 **+Speakers have the floor**
- +If you have a questions, raise your hand or type in the chat box
  - +Hit \*6 to un-mute your phone before asking a question

- 2 +Questions throughout
- +Final Q&A review at end
  
- 12  **ALL HANDOUTS HERE**  
<http://www.petroleumtrainingsolutions.com/orserviceproviders.html>
- 13  **SESSION 1: Introduction**
- 14  **Today's Learning Objectives**
  - +Understand relevant Energy Act rules
  - +Know about Operator Training rule changes
  - +Ask questions about new double-wall rules
  - +Get comfy with the webinar
  - +Know where to get more info and who to call.
  
- 15  **2005 Energy Policy Act**
- 16  **Outline**
  - +History
  - +Impacted parties
  - +Key provisions
- 17  **History of UST Rules**
  - 2 +1984- Unsafe steel tank ban
  - +1988- Federal UST rules
  - +1990- Oregon adopts own UST rules
  - +1998- Deadline to upgrade/close
  - +Ongoing- UST systems continue to leak
- 18  **History of UST Rules**
  - 2 +2001- GAO Report: Improve inspection
  - +2003- Chafee Bill: Proposed GAO ideas
  - +2003-2005- Various versions of the bill
  - +2005- Energy Act signed 8/7
  - +2006- Guidance underway
  - +2008- OR adopting provisions
- 19  **Impacted Parties Include:**
  - 1 +All regulated UST owner and operators
  - +All federal, state, county, city, and tribal agencies having UST programs or jurisdiction
  - +UST service providers and testers
  - 2 +UST inspectors
  - +Fuel delivery companies
  - +Petroleum equipment manufacturers and installers

- +Pollution insurance, industry and state funds
- 20  **Key Provisions**
  - +Funding authorization
  - +Expanded use of LUST Trust Fund
  - +Cost recovery
  - +Mandatory inspections
  - +Operator training
  - +Cleanup of fuel oxygenates
  - +Waiver of sovereign immunity
- 21  **Key Provisions (continued)**
  - +Tribal lands
  - +Delivery prohibition
  - +Groundwater protection
    - +secondary containment or
    - +manufacturer/Installer financial responsibility
  - +Public records
- 22  **Mandatory Inspections**
  - +Uninspected-USTs not inspected since 12/22/98 will have to be on-site inspected by 8/7/2007
  - +Periodically Inspected-After all uninspected tanks inspected, states:
    - +would have to perform on-site inspections on all USTs at least once every three years for compliance
    - +could extend three-year deadline if insufficient resources
- 23  **Inspections: Bottom Line**
  - +Oregon DEQ inspectors visit every site at least every three years
  - +The Good: More inspections, more compliance, fewer violations
  - +The Bad: ???
- 24  **Oregon Class A and B UST Operator Training**
- 25  **Why Operator Training?**
  - +Tanks upgraded
  - +Piping upgraded
  - +Leak detection technology upgraded
  - +Operators ????
- 26  **The Designated Operator**
  - +Is an individual designated by the owner
  - +Has control or responsibility of operation and maintenance or spill

response

+ Decision of who and how many facilities is determined by the Owner or Permittee.

+ Starting August 2009: Class A, B and C

+ Must provide proof of training to DEQ

27  **Operator Training: Who?**

+ (A) Operator- Persons having primary responsibility for on-site operation and maintenance

+ (B) Manager- Persons having daily responsibility for on-site operation and maintenance

+ (C) Employee- Daily, on-site employees responsible for addressing spill or release emergencies

28  **New and Replacements**

+ All new Operators must be trained within 90 days of hire

+ All new UST facilities must have a trained operator within 90 days of opening

+ Operators who switch jobs can transfer training so long as they bring documentation with them

+ Owner/Permittee should notify DEQ of change of Operator

29  **Warning**

<sup>1</sup> + If there is no designated, trained operator, DEQ considers this a Class II violation

+ That means a fine and probably a DEQ inspection

30  **Operator Training Timeline**

+ February 1, 2004: All operators must be trained

+ August 1, 2009: Oregon adopts revised

+ August 8, 2012: All A, B and C UST operators must be trained

+ Refresher required if UST facility out of compliance

31  **Operator Training News**

+ Starting August 8, 2009

+ UST with dispensers must have trained operators in 90 days!

+ Trainer approval process (finally)

+ Class A operators

32  **Training: Bottom Line**

+ Operational compliance will likely increase.

+ Number of violations will likely decrease

+ Designation of trainees critical.

- + Training will be as good as the standards EPA develops.
- + Oregon program being modified for adoption in 2008.

33  **Sovereign Immunity**

- 1 + Only a one year exemption by the President due to lack of available funding.
- + By 8/7/2006, all Federal UST owners should have developed compliance reporting standards.
- 2 + States will be able to impose penalties against federal facilities for UST violations
- + Federal agencies will have to comply with all state, local government UST rules
- + This includes fines, fees and violations

34  **Sovereign Immunity: Bottom Line**

- + States will finally be able to enforce UST compliance on federal facilities like military bases, formally difficult to do

35  **Delivery Prohibition**

- + On 8/7/2007, it became unlawful to deliver, deposit or accept petroleum into a UST system identified as ineligible
- + EPA and states, in one year and in consultation with UST owners and the delivery industry, shall create guidance, including
  - + criteria for ineligibility,
  - + mechanisms for identifying ineligibility, and
  - + a process for reclassifying eligibility

36  **Delivery Prohibition**

- 1 + By 8/7/2007, EPA and states will develop a Delivery Prohibition Roster
- + The Rosters would be “readily known”, posted on-line, and updated
- + Oregon now has annual operating permits
- 2 + Tamper-proof tags will be installed on product fill pipes, physically preventing deliveries
- + Tampering with tags can result in \$10K fines
- + Rural and remote areas may enjoy exemptions if fuel service jeopardized

37  **Delivery: Bottom Line**

- + No compliance = no fuel delivery
- + Will be strong deterrent to bring UST back into compliance
- + Oregon lists sites on their web site who shouldn't receive deliveries

- 38  **Groundwater Protection**  
+By 2/7/2007, one of the following:  
+Secondary containment on certain UST systems, or  
+Require financial responsibility for equipment installers and manufacturers  
+Oregon opted for Secondary Containment
- 39  **What does that mean?**  
1 +Oregon is now a mandatory double-walled tank and piping state  
+For new installs  
+For significant piping upgrades  
2 +MUST do interstitial monitoring or in addition to 0.2 gph monthly  
+Pressurized piping: Must do “daily” monitoring (visual monthly inspection not enough)
- 40  **Secondary Containment**  
+If only one tank/pipe is replaced, other adjoining tanks/pipe need not be replaced  
+Secondary containment will include under dispenser sumps if new dispensers installed  
+This rule will not apply to tank/pipe “repairs”
- 41  **Groundwater Protection: Bottom Line**  
+Oregon is adopting secondary containment and continuous interstitial monitoring for all new installs and certain repairs/ upgraded starting in 2008
- 42  **What's Next?**  
+Understanding notification requirements  
+Administrative Rules “Matrix”  
+Get copy from web site
- 43
- 44  **ALL HANDOUTS HERE**  
<http://www.petroleumtrainingsolutions.com/orserviceproviders.html>
- 45  **Questions?**  
Type them in the chat box or call in (\*6 to un-mute phone)
- 46  **SEE YOU NEXT TIME**