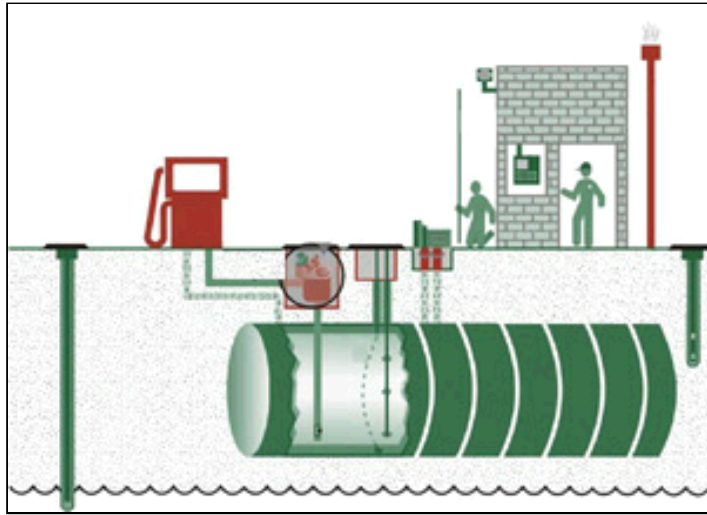


The Northwest Environmental Training Center Presents:



Underground Storage Tank Inspection Training

Course ID: OPOL-405

April 20 - 21, 2006, 8:30 A.M. to 5 P.M.

Ecotrust Conference Center

721 NW 9th Avenue, Portland, Oregon

Instructors: Ben Thomas, Ben Thomas Associates, Inc.;
Dave Belyea, Oregon Department of Environmental Quality;
Dennis Burke, PE, ND Burke Associates;
Scott Wilson, Wilson/Rogers Associates; and
Bob Wiese, Northwest Tank

Course Description: This entry level two-day course is an excellent primer for new UST inspectors or anyone who needs a comprehensive overview of the requirements for UST systems. Get simple explanations on complex rules from top experts in the field, plus get practical advice on real-world site conditions to ensure you are better prepared for the nuances of compliance inspections. The team of instructors are highly qualified with decades of collective tank inspection experience and experience leading numerous UST inspection courses.

Intended Audience: This course is intended for State and Federal UST government inspectors, UST compliance officers, compliance consultants, and UST owners and operators. The bulk of the material presented in this course is applicable in most states.

What to Bring: Pen or pencil, water bottle, and cloth napkin (to reduce waste). Ceramic mugs will be provided for coffee and tea. Drinks and snacks will also be provided each day.

Continuing Education Units: 1.3

Course Material: Each participant will receive a copy of the course proceedings and a CD-ROM containing a comprehensive reference library of UST guidance documents, policy, and operations information.

Registration: \$495. A 20% discount applies when registering three or more participants from the same firm or agency (\$395 per person). You may register online via the link below. You may also register by calling the Northwest Environmental Training Center at (206) 762-1976.

Course Schedule

Day 1: Thursday, April 20, 2006, 8:30 A.M. to 5 P.M.

8:30 A.M. Welcome and Overview

- Pretest
- Today's Problems
- Overview of Course Topics

8:30 A.M. Introduction

- Course Goals and Expectations
- DEQ Mission
- DEQ Authority
- Why care about USTs?
- Regulated Tanks
- Terms

9 A.M. Review of Parts and Equipment

- Overview of a UST Facility
- Tanks
- Product Piping
- Secondary Containment
- Sumps and Pumps
- Tank Gauges
- Leak Detectors
- Vents
- Dispensing
- Overfill Devices

10 A.M. Morning Break

10:15 A.M. Release Detection Part 1: Methods for Tanks

- Objectives
- Summary of Options
- Automatic Tank Gauging: Reports, keypad functions, types and models
- Interstitial Monitoring

12 P.M. Lunch Break

1:15 P.M. Release Detection Part 2: Methods for Pressurized Pipes

- Principles of Line Pressure
- Automatic Line Leak Detectors
- Electronic ALLDs
- Line Tightness Testing
- Interstitial Monitoring

3:00 P.M. Afternoon Break

3:15 P.M. Overfill Prevention

- Objectives
- Options
- Limitations/Problems
- Inspection Issues
- Records
- Testing

4:30 PM Quiz/Exercise

5 P.M. Adjourn First Day

Day 2: Friday, April 21, 2006, 8:30 A.M. to 5 P.M.

8:30 A.M. Corrosion Protection

- Introduction to STI, UST's, Corrosion, & General Requirements
- Causes of Corrosion
- Corrosion Control & Samples of Technology of Corrosion Control
- Cathodic Protection - Galvanic
- Inspection Tips, Resources
- Testing Cathodic Protection - Galvanic
- Troubleshooting
- Cathodic Protection - Impressed Current

10 A.M. Break

10:15 P.M. Release Detection Part 3: Other Methods

- Inventory Control
- Statistical Inventory Reconciliation
- Manual Tank Gauging
- Soil Vapor/Groundwater Monitoring
- Suction Piping

12:15 P.M. Lunch Break

1:30 P.M. Suspected Releases

- Conditions of Suspected Releases
- Response Actions
- Assessing Impacts

2 P.M. Administrative Rules and Record Keeping

- Permits
- Notification
- Record Keeping Requirements
- Inspection Forms

2:30 P.M. Afternoon Break

2:45 P.M. Inspections

- Documentation
- Preparation
- Introductions and Conduct
- Inspection Tips
- Checklists
- Starting
- Debriefing
- Follow-up

3:45 P.M. Financial Responsibility

- Mechanism Options
- Overview of Coverage Requirements

4:15 P.M. Quiz/Exercise

4:45 P.M. Closing Remarks

5:00 P.M. Adjourn

To find out more about this or other NWETC programs please send us an email at info@nwetc.org.

Northwest Environmental Training Center, 501(c)(3)
Fostering an ecologically sustainable world through education
650 S. Orcas Street, Suite 220
Seattle, Washington 98108
206-762-1976



PORTLAND AREA HOTELS

The following are hotels within close proximity to the Ecotrust conference building. When booking rooms, please request the Ecotrust preferred rate, or enquire about business and government rates.

The Mallory

Ecotrust Preferred Rate, \$60 (for their most basic room, rates go up from there.).

Toll Free: 800-228-8657

Local: 503-223-6311

Fax: 503-223-0522

info@malloryhotel.com

729 SW 15th Avenue at the Corner of SW 15th and Yamhill

Portland, Oregon 97205

The Mark Spencer (similar to the Mallory, w/kitchenettes)

Government Rate: \$71//Corporate rate: \$69

409 SW 11th Avenue & Stark Street, Portland, OR 97205

TEL: (503) 224-3293 FAX: (503) 223-7848

Toll Free US & Canada: (800) 548-3934

hospitality@markspencer.com

The Governor Hotel

Ecotrust Preferred Rate: \$125

611 SW 10th at Alder

Portland, Oregon 97205

800-554-3456

503-224-3400

www.govhotel.com



DIRECTIONS

721 NW 9TH AVENUE, PORTLAND, OREGON



Ecotrust's Jean Vollum Natural Capital Center is centrally located in Portland's Pearl district between NW 9th and 10th Avenues, and Irving and Johnson Streets. The Center is accessible by:

DRIVING DIRECTIONS

FROM THE NORTH:

- ▶ I-5 South ▶ I-405 South
- ▶ Exit# 2B towards Everett Street
- ▶ Straight (South) on 16th Avenue
- ▶ Left onto NW Everett Street
- ▶ Left onto NW 9th Avenue

FROM THE EAST/AIRPORT

(11 MILES, 23 MINUTES):

- ▶ Airport Way ▶ I-205 South
- ▶ I-84 West ▶ I-5 North
- ▶ I-405 Fremont Bridge
- ▶ Exit #2B towards Everett Street
- ▶ Straight (South) on 16th Avenue
- ▶ Left onto NW Everett Street
- ▶ Left onto NW 9th Avenue

FROM THE SOUTH:

- ▶ I-5 North ▶ I-405 North
- ▶ Exit #2B
- ▶ Left (North) onto NW 14th Avenue
- ▶ Right onto NW Everett Street
- ▶ Left onto NW 9th Avenue

FROM THE WEST:

- ▶ US-26 East (Sunset Highway)
- ▶ North on I-405 ▶ Exit #2B
- ▶ Left (North) onto NW 14th Avenue
- ▶ Right onto NW Everett Street
- ▶ Left onto NW 9th Avenue

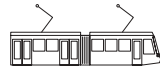
FOR MORE INFORMATION, PLEASE CALL
503.227.6225



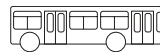
JEAN VOLLUM NATURAL CAPITAL CENTER
721 NW 9TH AVENUE, SUITE 200
PORTLAND, OREGON 97209
TEL 503.227.6225 | FAX 503.222.1517
WWW.ECOTRUST.ORG



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PORTLAND STREETCAR Running from Portland State University (PSU) through downtown and the Pearl district, the Portland Streetcar stops at the Natural Capital Center (exit at NW 10th Ave. and Johnson St.). Visit www.portlandstreetcar.org for more information.



TRI-MET BUS Ride the #77 Broadway to NW 9th & Hoyt and walk one block north. Visit www.tri-met.org for more information.



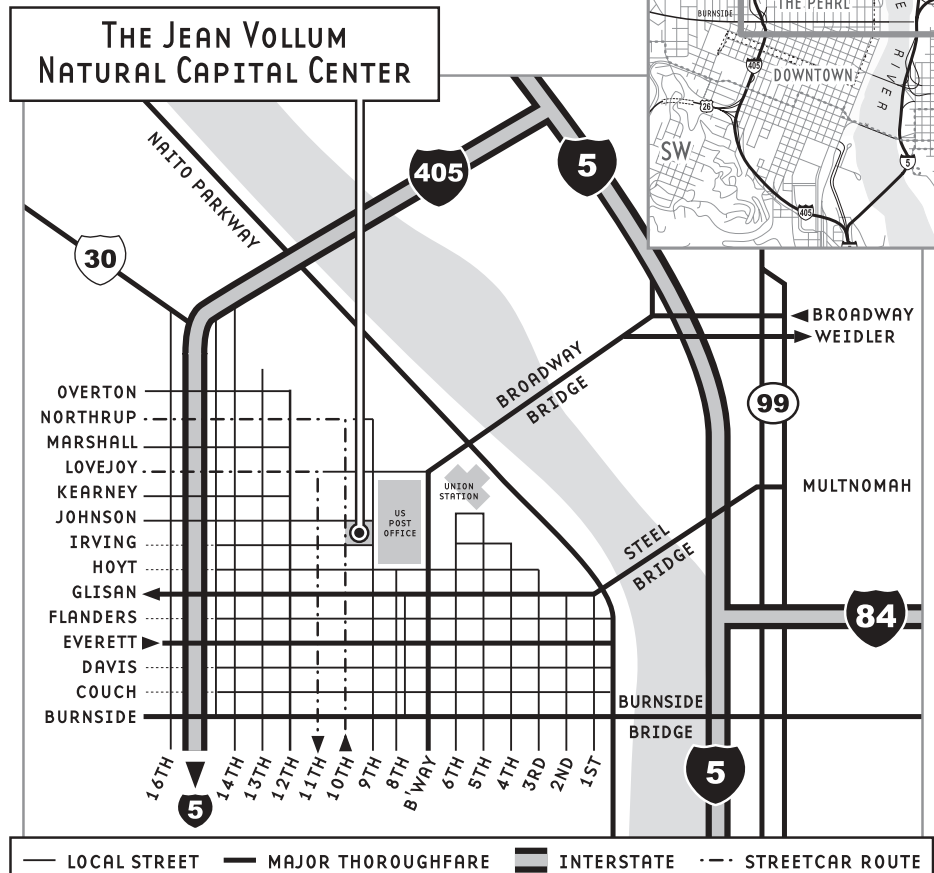
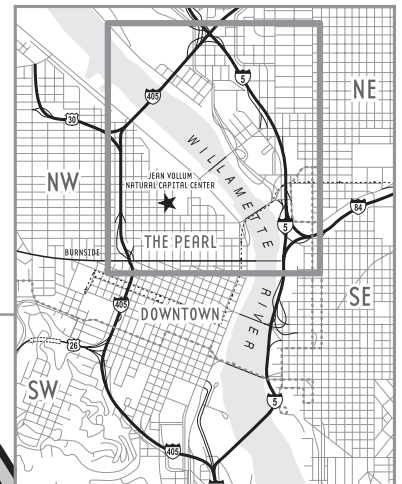
UNION STATION Within walking distance from the Center, Portland's Union Station services Amtrak trains from a variety of origins. From the station, walk south to NW Hoyt, turn right, walk west to NW 9th Ave., turn right, and walk one block to the Center. Visit www.amtrak.com for more information.



BICYCLE The Center has ample bike parking at the NW 10th Avenue entrance.



CAR There are public-pay lots available at NW 12th and Hoyt, NW 10th and Hoyt, NW 14th and Kearney, and NW 8th and Flanders, as well as on-street parking nearby. See directions at left.





NORTHWEST ENVIRONMENTAL TRAINING CENTER

4742 - 42nd Avenue SW, PMB 322, Seattle, Washington 98116

Ph: (206)762-1976, Fax: (206)762-1979

www.nwetc.org

REGISTRATION FORM

Name: _____ Today's Date: _____

Agency/Organization: _____

Street Address: _____ Mail Code: _____

Street Address (cont.): _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____ Title: _____

Course:

Underground Storage Tank (UST) Inspection Training (OPOL-405) \$ _____

April 20 - 21, 2006 at the Ecotrust Conference Center, Portland, Oregon. \$495 (\$395*)

*A 20% discount applies when registering three or more participants from the same firm or agency (\$395 per person).

Payment Method: Check PO Credit Card (Visa or Mastercard) Total: \$ _____

Credit Card or PO #: _____ Exp: _____

Cancellation:

Registration fees are fully refundable up to 15 days prior to the event and 50 percent refundable thereafter up to the day prior to the event. Registration may occur up to the day prior to the event provided that space is available.