BAKKEN OIL TRANSPORT:
Emerging Risks Awareness Training

AUGUST 23, 2016
SEATTLE

AUGUST 25, 2016
PORTLAND

DATES & LOCATIONS

August 23, 2016
8:00AM - 5:00PM
University of Washington
Center for Education and
Research in Construction
7543 63rd Ave NE
Building 5, Bay B
Seattle, WA 98115

August 25, 2016
8:00AM - 5:00PM
Sheet Metal Institute
2379 NE 178th Ave
Portland, OR 97230

REGISTRATION

Visit our website at **osha.washington.edu** to register or call the NW Center at **206-543-1069.**

Course Price: $125.00

After August 12, 2015 a $50 late fee will apply.
Morning refreshments and lunch included in price.

Learn the need-to-knows in preparing for and responding to a Bakken Oil train derailment incident.

The Pacific Northwest is experiencing rapid changes in the railcar movement of Bakken crude oil to our ports and refineries. Several high profile derailment incidents have occurred in recent years—rupturing tank cars, polluting waterways, and igniting fires that burned for days. Most notable for the Pacific Northwest was the June 2016 incident in Mosier, Oregon, resulting in a large fire and water contamination.

The recent incident in Mosier brought growing safety concerns to the forefront across the Pacific Northwest. Though federal and state laws have been passed addressing improved railcar design and recommending chemical testing of the shipped oil, implementation is slow, and accidents are still happening. Emergency responders fear the measures fail to address preparedness.

This course is designed to give participants general awareness and safety information on Bakken crude oil, rail transportation, emergency response, and planning. **Learn what you and your municipalities, communities, and organizations need to know to be prepared in the event of a rail incident.**

COURSE OBJECTIVES

Participants will be able to:

- Characterize the unique physical properties and hazards of Bakken crude oil
- Describe whzere Bakken oil is coming from and how it is being transported
- Relate case studies from recent incidents
- Identify the imminent response issues that municipal, county, state, and federal organizations will face and the hazard response steps they will need to take

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INTENDED AUDIENCE

Emergency and field responders; transportation experts; safety professionals; leaders from municipal, county, state, and federal agencies; environmental professionals; hazardous waste professionals; public policy leaders; fire professionals; hazmat responders

INSTRUCTOR JOHN MALOOL

John Malool is the lead instructor for the hazardous materials training program and other safety trainings at the Rutgers University New York-New Jersey Education and Research Center, and the University of Washington's Northwest Center for Occupational Health and Safety, and currently serves as Chief of Operations of a Hazmat Unit and the Fire Chief for a regionalized county fire department in New Jersey. In his capacity as Fire Chief and Chief of Hazmat operations, John Malool has been involved in response to a Bakken Oil incident, and has advised other responders on best practices. His experience with running disaster response command centers and establishing response plans has made him an influential voice in the movement to prepare municipalities across the nation for Bakken Oil-related incidents.

> "John is a top notch instructor and a delight to take a class from. Very engaging, very experienced, very knowledgeable and keeps the class engaged and interested with real world examples."

> "There is simply no one better than John Malool to make this class useful and applicable to the real world. I really appreciate John's passion and depth of knowledge and experience in Hazmat response, and emergency and disaster assessment."

—Past Course Participants

CONTINUING EDUCATION PROGRAMS
NORTHWEST CENTER FOR OCCUPATIONAL HEALTH AND SAFETY
DEPARTMENT OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCES
University of Washington School of Public Health

To request disability accommodation, contact the Disability Services Office at least 10 days in advance at: 206-543-6450 (voice); 206-543-6452 (TDY); 206-685-7264 (FAX); or dso@u.washington.edu (e-mail)