

AGENDA

HAZWOPER 8-Hour Refresher Training

Training Instructors: Bob Whittier, US Environmental Protection Agency (EPA)
Eric Lindeman and Carl Overpeck, START Contractors

Cordova, Alaska, October 11, 2011

October 11 (Tuesday)

- 8:00-8:30 **Introduction**
OSHA HAZWOPER and related regulations; safety statistics
- 8:30-10:00 **Hazardous Materials: Recognition & Hazards**
What is hazmat, where is hazmat, who regulates hazmat, properties of hazmat, DOT & NFPA hazmat identification systems, ERG
- 10:00-11:30 **Hazardous Materials and Your Health**
Toxicology, case studies, exposure routes, exposure standards & authorizing agencies, NIOSH Pocket Guide, MSDS
- 11:30-12:00 **Local Area Hazmat and Safety Concerns**
Review of state and local hazmat and contaminants; ADOL PADS, Alaska safety concerns
- 12:00-1:00 Lunch (on your own)
- 1:00-1:30 **Site Safety Plans**
- 1:30-3:00 **Air Monitoring Principles and Instrumentation**
- 3:00-4:00 **Personal Protective Equipment**
Dermal protection and respiratory protection
- 4:00-4:30 **Incident Command System**
- 4:30-5:00 **Decontamination**

AGENDA

24-Hour Oil Spill Response Training

Day 1 - October 12 (Wednesday)

- 8:00-8:45 **Participant and Instructor Introductions**
- 8:45-9:00 **Oil Spill Regulations**
State notification requirements
Mark Sielaff and John Engles, Alaska Department of Environmental Conservation (ADEC)
- 9:00-9:15 Break
- 9:15-10:30 **Oil Spill Regulations** (continued)
Federal regulations, SPCC/FRP, EPA/USGS jurisdiction, notification requirements
Responder Training Requirements
OSHA training requirements for spill responders
Bob Whittier, US Environmental Protection Agency (EPA)
Eric Lindeman and Carl Overpeck, START Contractors
- 10:30-10:45 Break
- 10:45-11:45 **Prince William Sound Regional Citizens' Advisory Council (PWSRCAC) Overview**
Jeremy Robida, Project Manager / Oil Spill Operations PWSRCAC
- 11:45-12:45 Lunch (on your own)
- 12:45-2:00 **Oil Chemistry and Characteristics, Weathering Processes and Effects, Health Concerns**
Types of oil in your community, chemical properties, health hazards, behavior in the environment
Bob Whittier, EPA
Eric Lindeman and Carl Overpeck, START Contractors
- 2:00-2:15 Break
- 2:15-3:15 **Oil Spill Health and Safety Concerns**
PPE, boat safety, site delineation (work zones), site safety plan, air monitoring instrumentation and levels of concern, hazmat identification systems, common spill reference materials
Mark Sielaff and John Engles, ADEC
Bob Whittier, EPA
Eric Lindeman and Carl Overpeck, START Contractors
- 3:15-3:30 Break
- 3:30-5:00 **Oil Spill Response Equipment**
Types of equipment (containment boom, sorbent materials, recovery devices, storage containers, support equipment, harbor buster) & maintenance
Connex Box Field Trip
Bob Whittier, EPA and John Engles, ADEC

AGENDA

Day 2 - October 13 (Thursday)

- 8:00-9:00 **Oil Spill Response Tactics**
STAR Manual, deployment / response strategies for drums, small tanks, pipelines, secondary containment failure (tank farms)
Mark Sielaff, ADEC
- 9:00-9:15 **Oil Spill Response Activity**
Mark Sielaff, ADEC
- 9:15-9:30 Break
- 9:30-10:00 **Incident Action Plan (IAP)**
Preparation of an ICS-201 (Incident Briefing), site safety plan
Mark Sielaff, ADEC
- 10:00-11:30 **Decontamination and Site Control**
Donning and doffing PPE - Volunteers wanted!
Bob Whittier, EPA
Eric Lindeman and Carl Overpeck, START Contractors
- 11:30-12:30 Lunch (on your own)
- 12:30-1:30 **Waste Management**
Wastes from spills: used sorbents, recovered liquids, contaminated solids (PPE, vegetation, etc.), contaminated soil (remediation/disposal methods); use of smart asj burners and water treatment system; management of used oil from equipment maintenance, discarded vehicles, etc.
Mark Sielaff, ADEC
- 1:30-1:45 Break
- 1:45-2:45 **Homeowner Fuel Tank Issues**
Prevention measures (inspections), signs of problems, transporting tanks for fueling, installation recommendations, diesel movement
Mark Sielaff, and John Engles ADEC
Bob Whittier, EPA
Eric Lindeman and Carl Overpeck, START Contractors
- 2:45-3:00 Break
- 3:00-3:30 **Community Response Issues**
Community Spill Response Agreements, starting an oil spill response team, recommendations for equipment purchases
Mark Sielaff, ADEC
- 3:30-5:00 **Oil Spill Response Jeopardy Game**

AGENDA

Day 3 - October 14 (Friday)

- 8:00-9:15 **Funding and Resources for Equipment and Supplies**
How oil spill response fits into Brownfields and other Programs
Jennifer Williams, Institute for Tribal Environmental Professionals
- 9:15-9:30 **Break**
- 9:30-11:00 **Small-group Hands-on Activities (25 minute rotation)**
1) Properly securing leaks, repairing and overpacking drums in the field
2) Proper use of the emergency response guide (ERG) to solve real-life scenarios
3) In-depth training of the response equipment available on-site (trailer and/or ADEC response truck)
- 11:00-11:30 **Oil Spill Field Exercise Review**
- 11:30-12:30 Lunch (on your own)
- 12:30-5:30 **Oil Spill Response Equipment Hands-On Training**
Response equipment inspection, and to include as feasible: boom deployment, minor containment (plugging & patching), liquids recovery and storage, dams and culverts

Complete Evaluations