WELCOME

Oil Sands Products Forum

April 16, 2013

Center for Spills in the Environment
Oil Sands Products Forum

April 16, 2013

Nancy E. Kinner
Center for Spills in the Environment
University of New Hampshire
Logistics

- Fire exits
- Restrooms
- Dining: breakfast, lunches and snacks
- Shuttle to/from Silver Cloud Inn
- Logistical questions see Kathy Mandsager or other CSE staff
Thank You!

• Washington State Dept. of Ecology
• Regional Response Team (RRT) 10
• Pacific States/British Columbia Oil Spill Task Force
Organizing Committee

Organizing Committee (OC) members:

- Sarah Brace, Oil Spill Task Force
- David Byers, WA ECY
- Josie Clark, USEPA
- Lance Lindgren, USCG
- Robert McFarland, USCG
- Heather Parker, USCG
- Linda Pilkey-Jarvis, WA ECY
- Michael Schoonover, USCG
- Gary Shigenaka, NOAA
- Calvin Terada, USEPA
Overview

• Thanks for coming/participating in workshop
  • Sequester impact
  • WebEx challenges
• Center for Spills in the Environment (CSE)
  • History and mission
• How we got to today’s meeting?
• Today’s agenda
Webex Challenges

- State your name when speaking
- Use microphone in room
- Please do not multi-task
  - No cell phones/email during sessions
- If on Webex or phone line, be on mute unless speaking
Center for Spills in the Environment (CSE)

History
CSE

• Located at University of New Hampshire (UNH) since 2003
• Focus on hydrocarbon-based spills
• Center activities:
  • Facilitate workshops
  • Address range of spill-related topics with ALL Stakeholders
  • Provide educational opportunities
• CSE constituencies:
  • Government, industry, NGOs, academia
Why UNH?

- Excellence in marine science, ocean engineering and environmental engineering
- No oil production or refining in NH
- Reputation as independent, honest broker
Why CSE?

- NOAA partnership with UNH on Coastal Response Research Center (CRRC)
  - Exclusively NOAA concerns
  - NOAA funding only
- CSE is “sister center” to CRRC that addresses:
  - Non-NOAA spill-related issues
  - Non-NOAA funding
Oil Sands Products
Oil Sands Products Meetings

- Lots of confusion about names:
  - Dilbit, synbit, tar sands, oil sands
  - What is it? What’s the difference?
- We are using **Oil Sands Products (OSP)**
  - More general
  - Broader classification
  - Stay tuned for more
Background to OSP Meetings

• OSP development in middle of North America
  • Alberta, Canada
• Demand for energy at coasts and overseas is great
• Movement of OSP:
  • Pipelines
  • Railways
  • Vessels
Goals of OSP Forum

- Basic Education about OSP
  - What is it?
  - Where does it come from?
  - What are its characteristics?
  - How is it transported?

- OSP Spill Response
  - Fate, behavior and modeling of spilled OSP
  - Case studies
  - Assessing natural resource impacts
First CSE OSP Meeting

- 2 day training in northern New England in anticipation of OSP shipments to Irving Terminal in New Brunswick, Canada
  - December 2012
  - Maine Dept. Environmental Services and Region 1 USEPA
  - WA ECY represented
- WA ECY and RRT 10 decide to have similar meeting
Northwest OSP Meeting

• Two days:
  • Day 1 (Today): OSP Forum (practitioners and stakeholders)
    • Goals:
      • Information from experts on:
        • Oil sands mining and refining
        • OSP composition
        • Fate and behavior of spilled OSP
        • Case studies of OSP (and related products) spills
  • Day 2 (Tomorrow): OSP Working Group (practitioners)
    • Goals:
      • Practitioners focus on response to potential OSP spills
      • Scenarios to determine response, challenges, needs, required Contingency Plan modifications
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:20 AM</td>
<td>Oil Sands Overview and Natural Resource Development</td>
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<td>Randy Mikula, <em>Kalium Research</em></td>
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<td>Group Discussion</td>
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<td>10:05 AM</td>
<td>Break</td>
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<td>10:15 AM</td>
<td>Characteristics of Oil Sands Products</td>
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<td>Heather Dettman, <em>Canmet Energy</em></td>
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<td>Group Discussion</td>
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<td>11:00 PM</td>
<td>Panel: Transportation of Oil Sands Products</td>
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<td>Rail: Justin Piper, <em>BNSF Railway</em></td>
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<td>Pipeline: Michael Davies, <em>Kinder Morgan</em></td>
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<td>Vessel: Richard Lauer, <em>Sause Bros, Inc</em></td>
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<td>Group Discussion</td>
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<td>12:00 PM</td>
<td>Lunch</td>
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<td>Time</td>
<td>Session</td>
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<tr>
<td>1:00 PM</td>
<td>Fate, Behavior &amp; Modeling of Spilled Oil Sands Products (Freshwater &amp; Marine Environments) Bruce Hollebone, Environment Canada</td>
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<td>Group Discussion</td>
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<td>2:00 PM</td>
<td>Enbridge/Kalamazoo Case Study including Response Technologies for Oil Sands Products Ralph Dollhopf, U.S. EPA FOSC</td>
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<td>Burnaby Spill Case Study</td>
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<td>Bill Jahelka, Western Canada Marine Response Corporation</td>
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<td>Group Discussion</td>
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<td>3:45 PM</td>
<td>Assessing Natural Resource Impacts from the Enbridge Pipeline Spill into the Kalamazoo River Jessica Winter, NOAA ORR, Assessment &amp; Restoration Division</td>
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<td>Group Discussion</td>
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<td>4:30 PM</td>
<td>Wrap Up</td>
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<td>5:00 PM</td>
<td>Adjourn</td>
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After Forum

- Workshop website >>
  http://crrc.unh.edu/workshops/oil_sands_washington/index.html
- Presentations
- Workshop report
- Other steps discussed in today’s closing plenary
Facilitation Pledge

• I will **recognize and encourage everyone to speak**
• I will **discourage side conversations**
• I commit to:
  • **Being engaged in meeting**
  • **Keeping us on task and time**
  • **Being neutral, fair, kind, and faithful to the process**
• **Stop me if I am not doing this!**
Opening Remarks

- Dale Jensen, WAECY
- Sarah Brace, Pacific States/British Columbia Oil Spill Task Force
- CDR Bob McFarland, USCG
- Chris Field, USEPA
Participant Introduction

- Name
- Affiliation
- Expertise