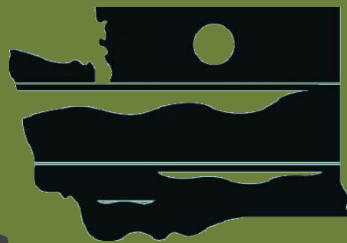


Spill Prevention, Preparedness and Response Program



WASHINGTON STATE
DEPARTMENT OF
E C O L O G Y

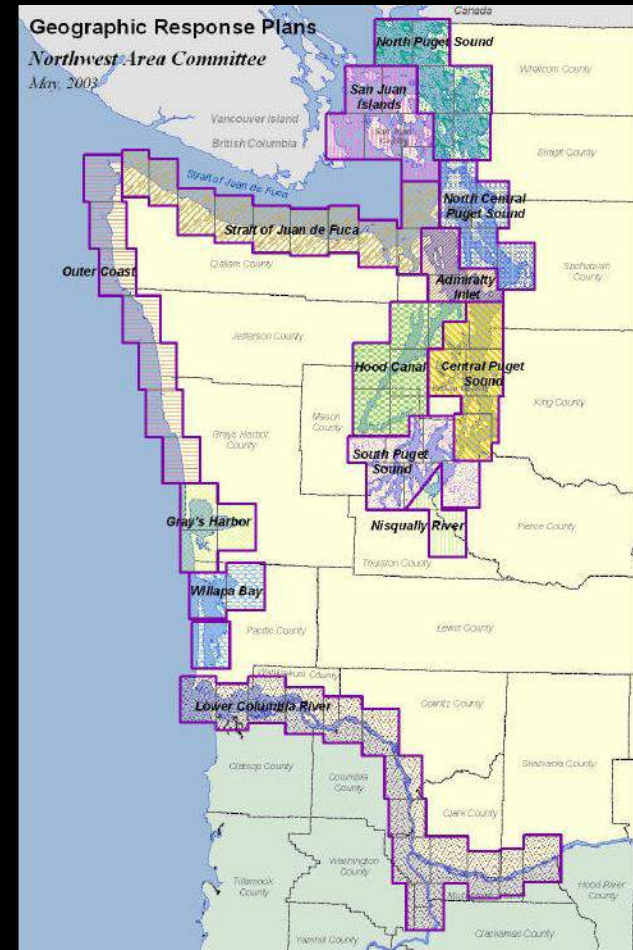
Prevention Section

- Vessel Inspections
- Oil Transfer Inspections
- Risk Analysis



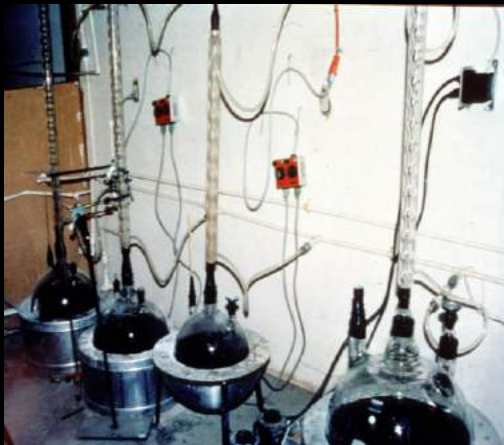
Preparedness Section

- Contingency Plan Approval
- Industry Drill Program
- Response Contractor Approval
- NW Area Contingency Plan
- Geographic Response Plans



Spill Response and Restoration

- Oil, hazmat and drug lab response/cleanup
- Investigation and Enforcement
- Equipment & Training
- Restoration

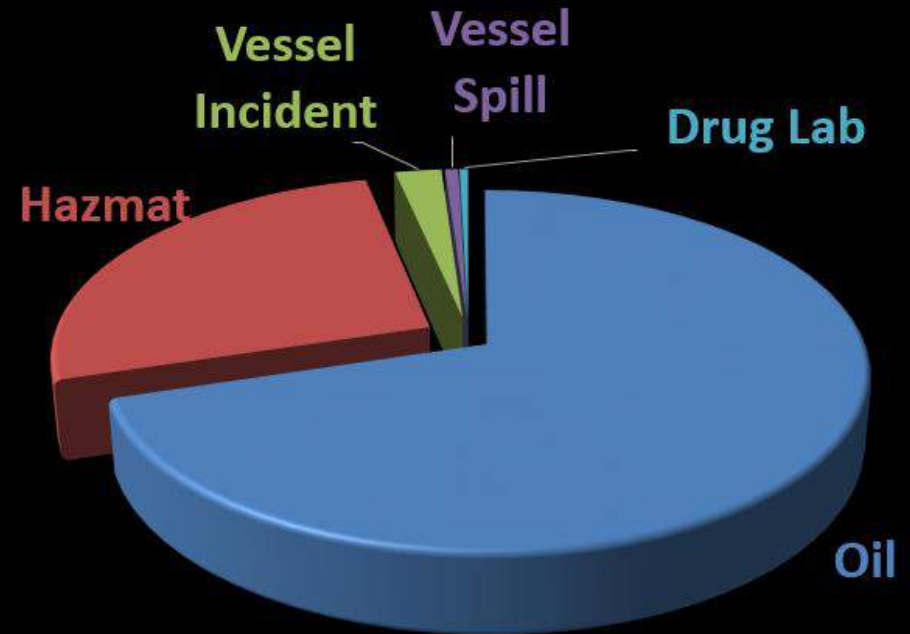




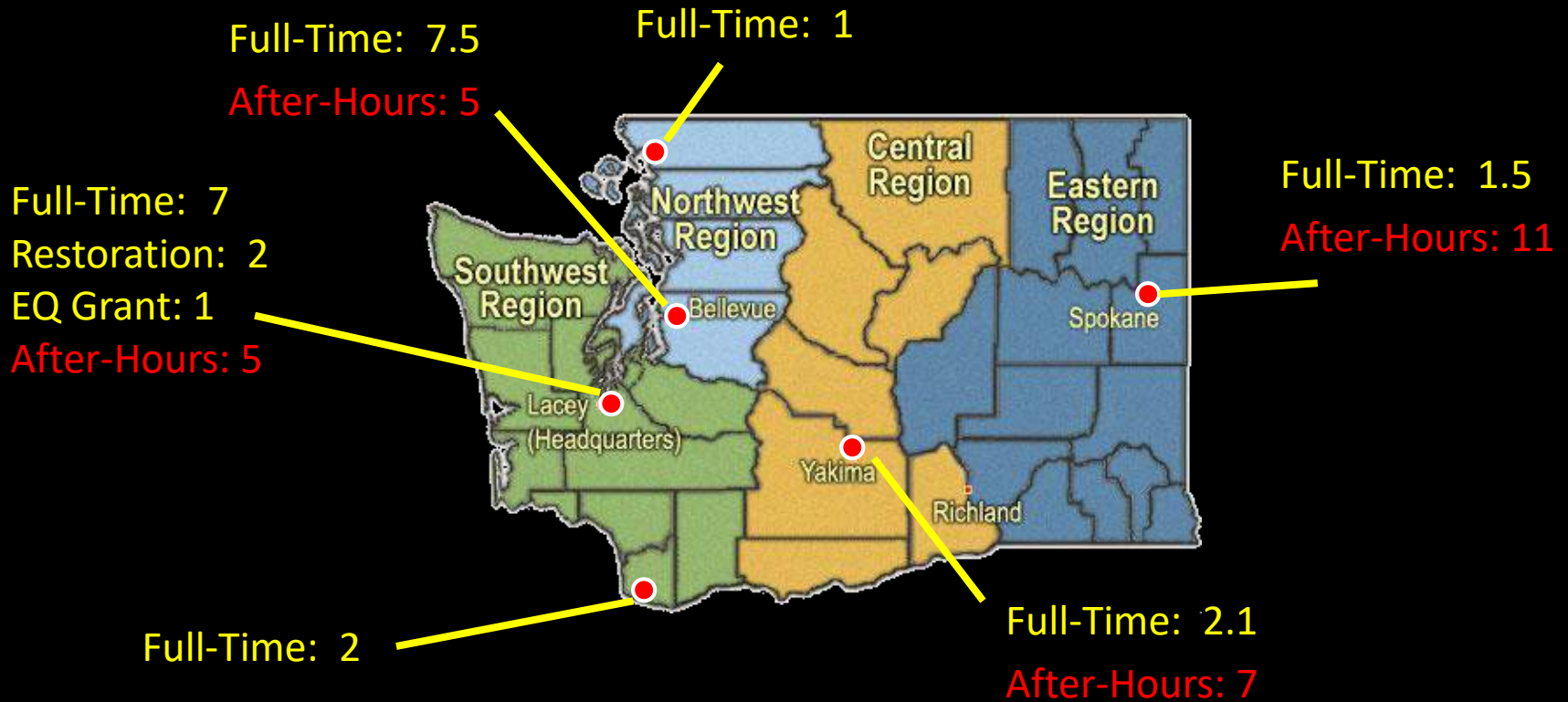
Spill Notifications

Past 12 Months

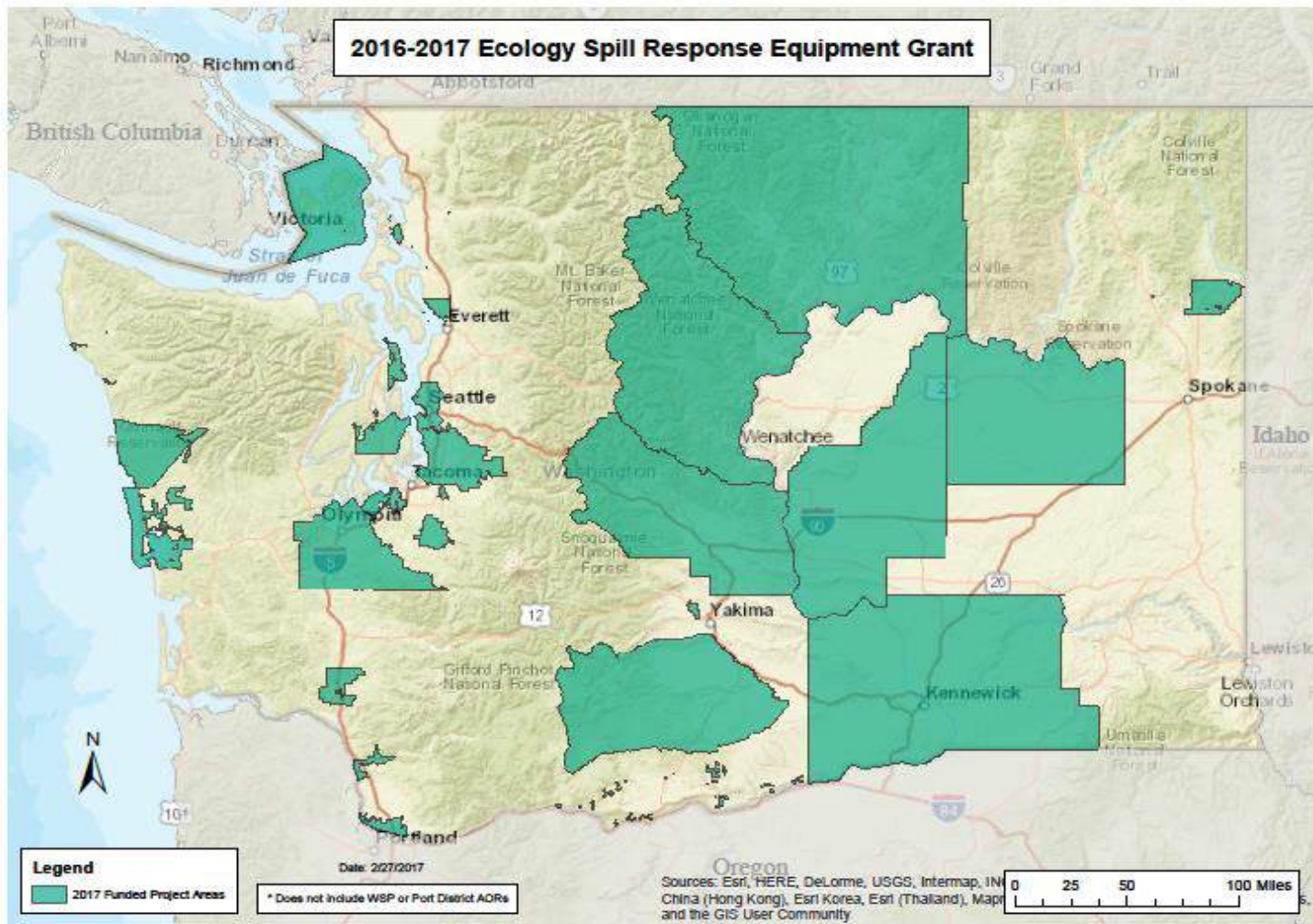
Oil	3,044
Hazmat/Pollutant	1,182
Vessel Incident	105
Vessel Spill	27
<u>Drug Lab</u>	<u>27</u>
	4,385



Response Staffing



2017 Equipment Grants







2016/06/03





RECONSTRUCTION
DRUM

SALVAGE
BARRIL DE SALVAMENTO



DANGER !!!

DEADLY HYDROGEN SULFIDE
(*CALL 911*) GAS (*CALL 911*)

DO NOT OPEN WITHOUT HAZMAT
(*CALL 911*) TEAM (*CALL 911*)

ONE BREATH CAN KILL
(*CALL 911*)





JAN 17 2002









MAR 1 2002





SPILL RESPONSE TEAM



ECOLOGIC

DESIGN

BODY
SEATTLE

MFC



03/01/2004











2002 12 4













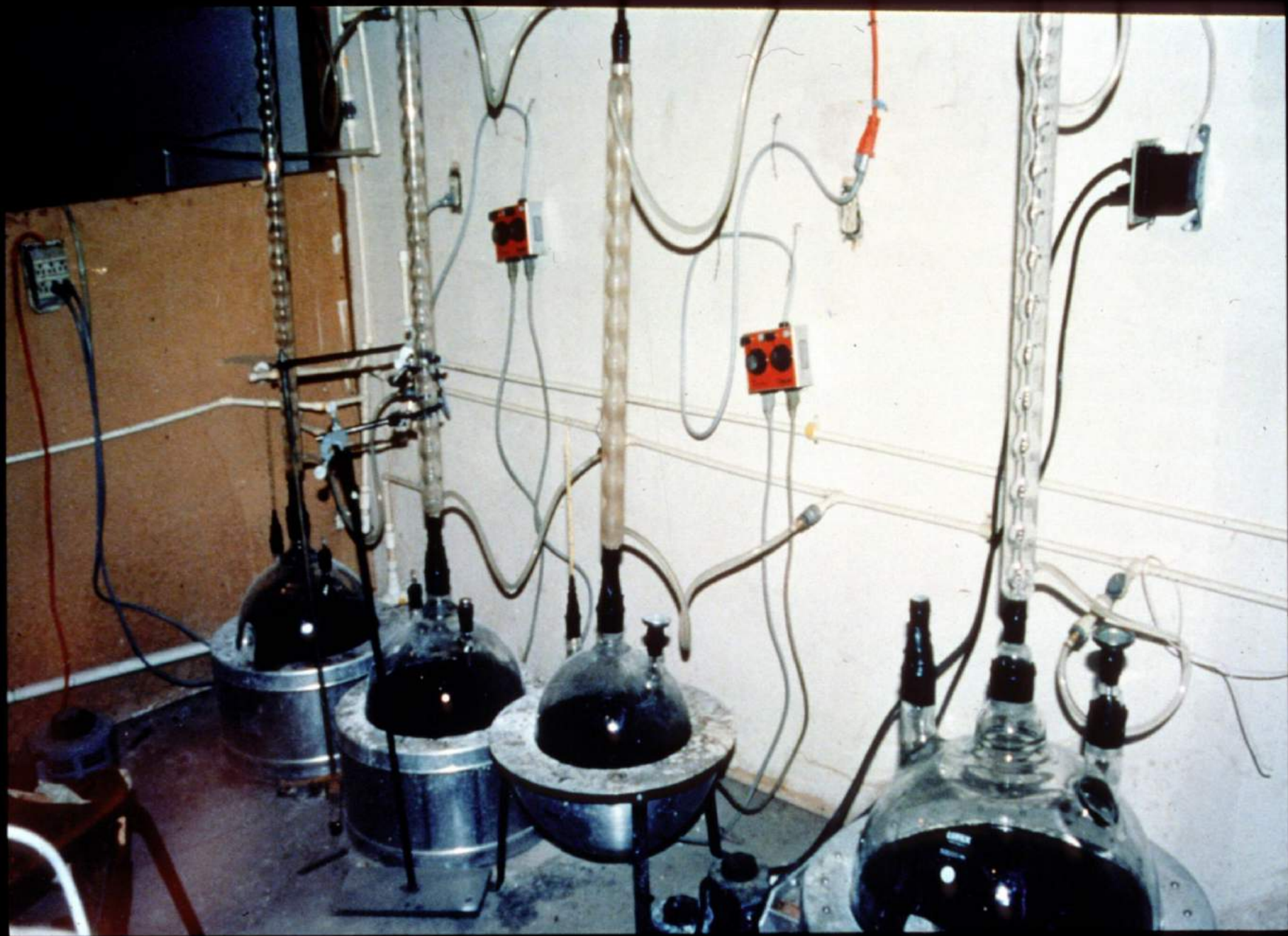
18 7:59 AM















FEB 26 2002



AUG 16 2002













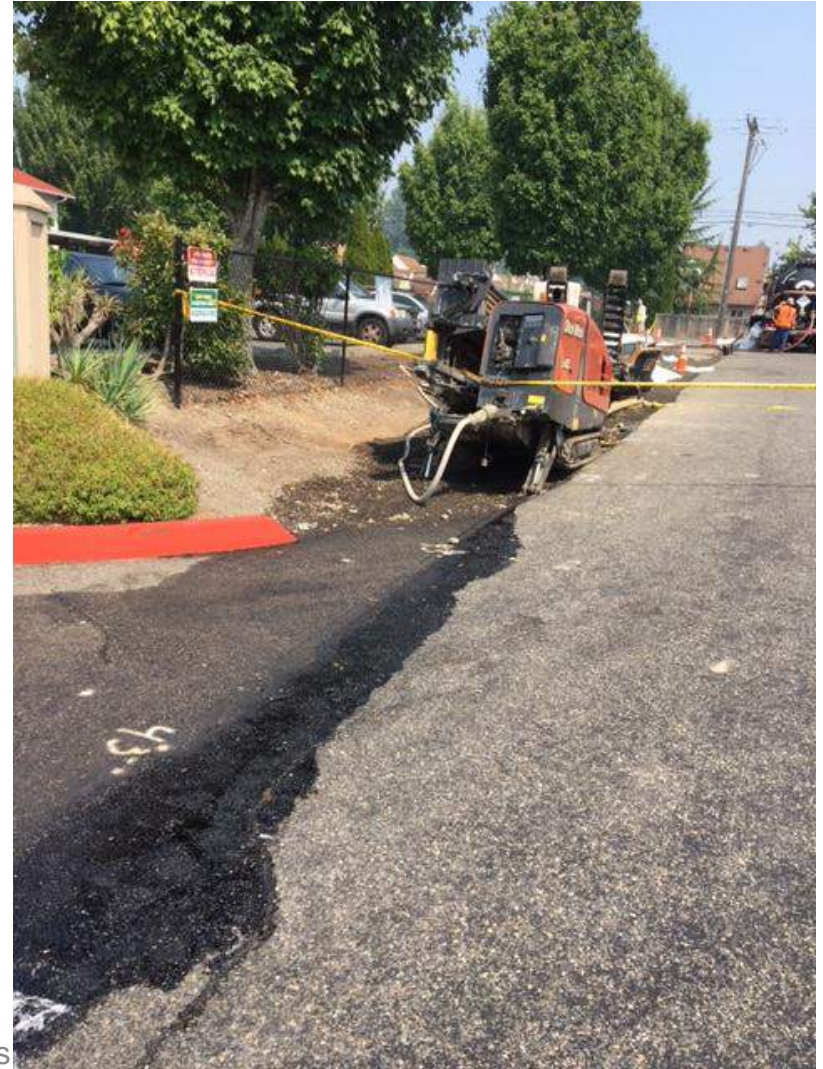


US Oil McChord Pipeline Spill Tacoma, WA

- Utility contractor, SEFNCO, initiates one-call locate 7/26/2017
- Directional drilling in area not located by MPL.



US Oil McChord Pipeline Spill Tacoma, WA





DEPARTMENT OF
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State of Washington

US Oil McChord Pipeline Spill



US Oil McChord Pipeline Spill Timeline

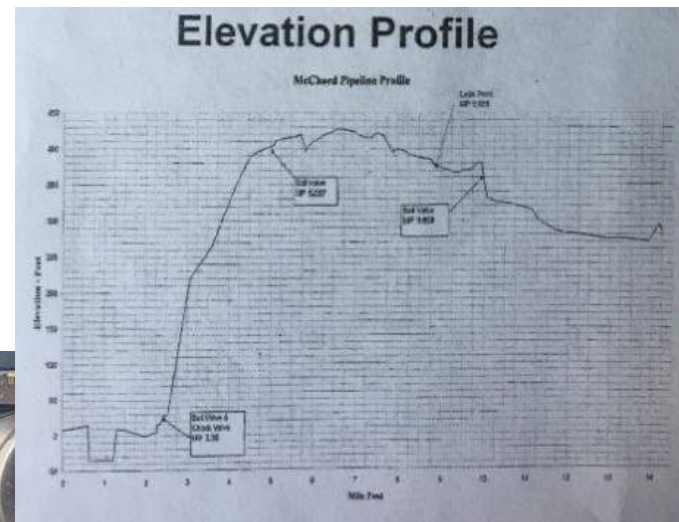
- **0700** Transfer of 10,000 bbls starts
- **1212** SEFNCO strikes MPL
- **1212** MPL pressure drop alarm
- **1213** Differential volume alarm
- **1218** MPL Shut down
- **1245** 3 Intermediate valves closed
- **1254** MPL on scene, air monitoring and secure the scene



DEPARTMENT OF
ECOLOGY
State of Washington

US Oil McChord Pipeline Spill Recovery

- Vac Trucks, soil excavation
- Est. 7,500 gallons released
- Est. 6,500 gallons recovered



US Oil McChord Pipeline Spill

Tacoma, WA

RRT Activation:	No
Type and amount of product spilled:	Jet Fuel
Cause of spill:	Directional Drilling Tool Puncture
Date of spill:	August 2, 2017
Responsible Party:	SEFNCO
Key operational activities:	<ul style="list-style-type: none"> -Source identification -Subsurface oil recovery -On-water oil recovery
Major lessons learned:	<ul style="list-style-type: none"> -No Impact to Water -Quick Response by US Oil -Some Drill Elements Didn't Transfer -Dial Before You Dig!
Lead Coordinator Contact Information:	Shawn Zaniewski, 360-407-6372 Shawn.zaniewski@ecy.wa.gov





Ecology Spills Program



Joint
Response
Partners



Ecology Spills Program

Making Washington
Great Again!