

Oregon Department of Environmental Quality

# Emergency Response

## Annual Report

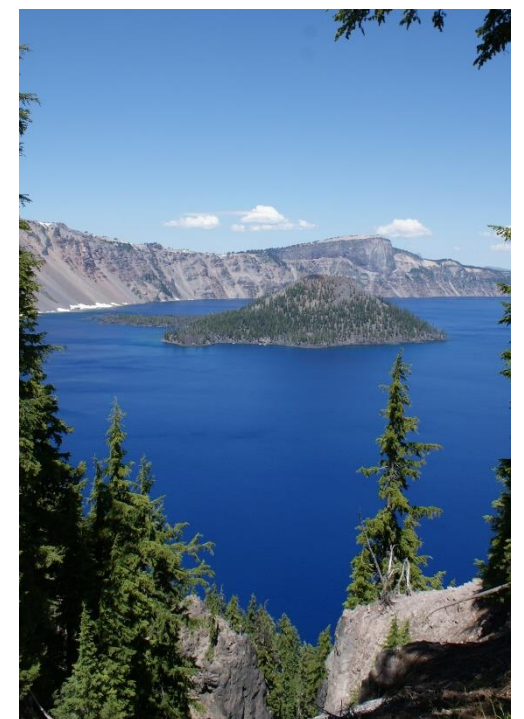
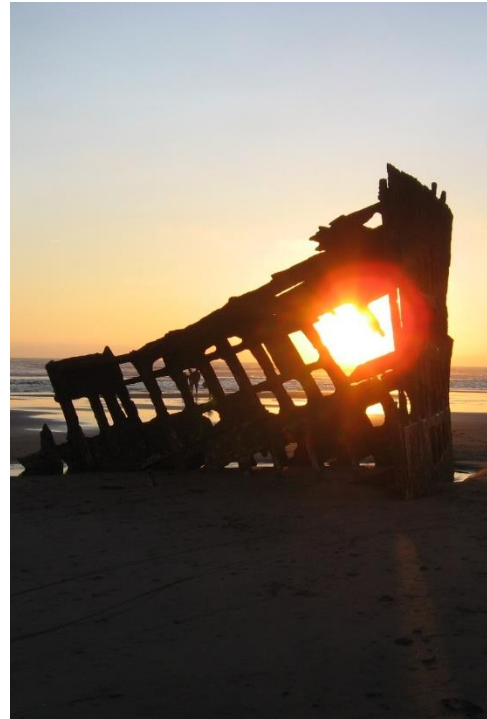
November 16, 2023

Presented by:

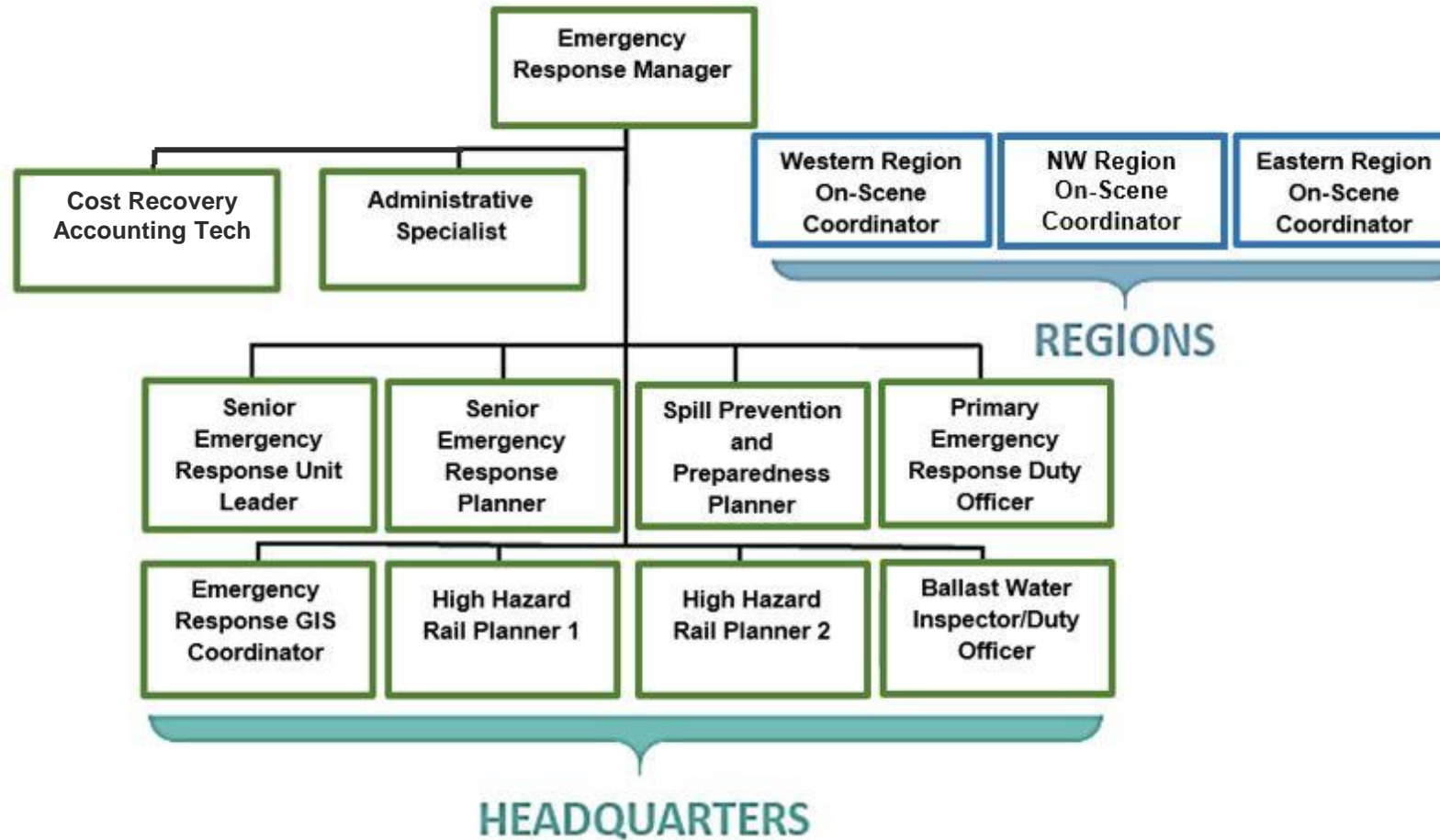
Kimberlee Van Patten on behalf of  
Lydia Emer, Land Quality Administrator

# DEQ's Mission

To be a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.



# Emergency Response





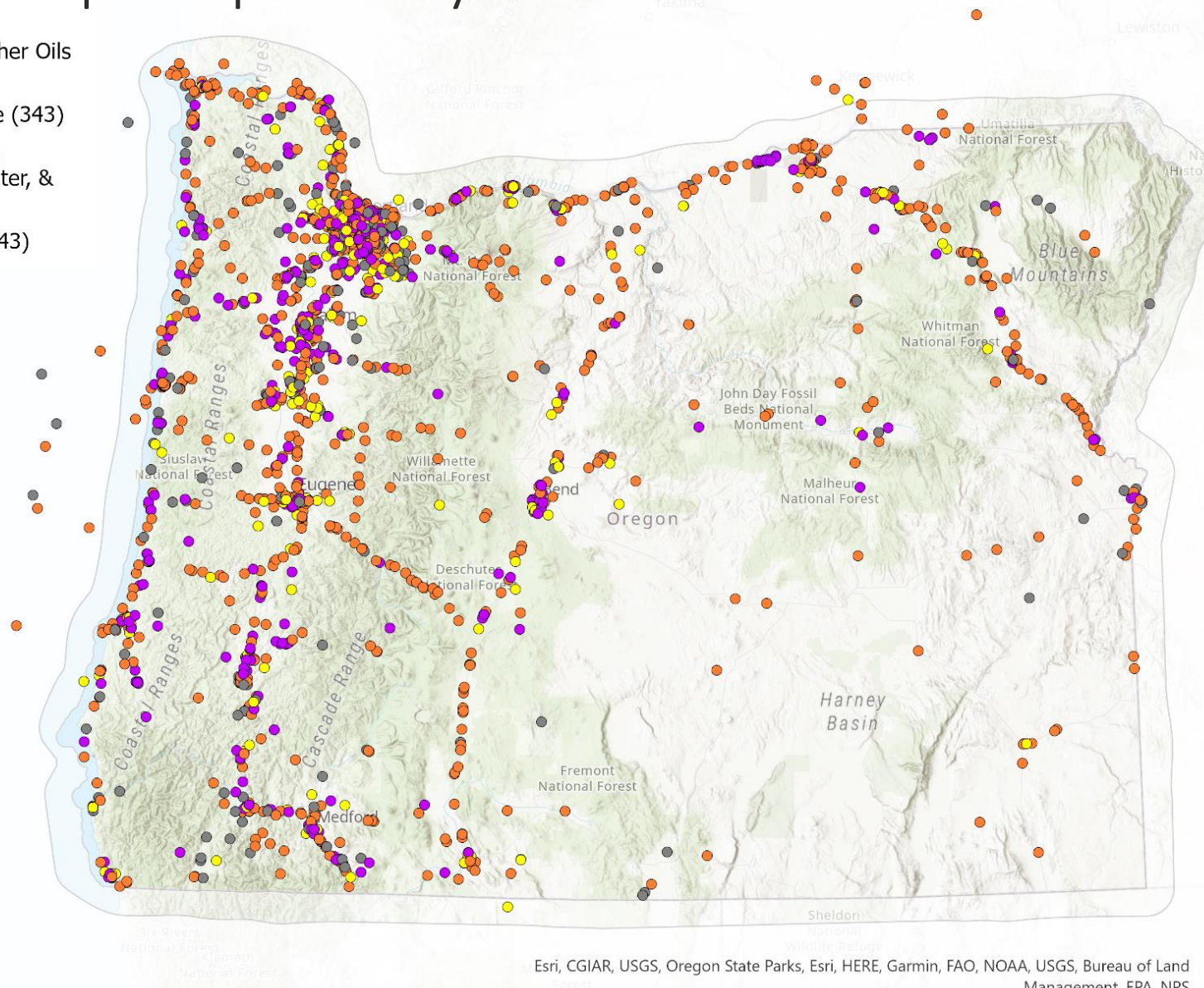
Reported Spills (July 2021-  
June 2023) (all spills)

# Spills Reported July 2021-June 2023

2,751 Total

- Petroleum and All Other Oils (1,310)
- Hazardous Substance (343)
- Sewage, Stormwater, Wastewater, Floodwater, & Biological (755)
- Other & Unknown (343)

Source	No. of Spills (Total Statewide)
Businesses & Fixed Facilities	402
Commercial Vehicles	540
Drug Lab	5
Drums & Containers	108
Other & Unknown	738
Petroleum Storage & Pipelines	74
Railway	117
Sewer, Stormwater, & Wastewater	572
Tank Trucks	29
Vessels	166



Esri, CGIAR, USGS, Oregon State Parks, Esri, HERE, Garmin, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS

# Emergency Response Program Funding

## **Oil Spill Prevention Fund**

Oregon Revised Statute 468B.405 establishes fees to fund DEQ's oil spill contingency planning program. The allowable uses of the prevention fund include reviewing required contingency plans, conducting inspections of the facilities, exercises, training, and plan development activities required under ORS 468B.345 to 400.

## **Oil Spill Control Fund**

The original Oil Spill Contingency Planning Act, passed in 1991, established the Oil Spill Control Fund (Oregon Revised Statute 468B.455). All penalties recovered through civil penalties for violations related to the willful or negligent discharge of oil are to be deposited in this fund.

## **Additional Funding Sources**

Cost Recovery, Hazardous Substance Remedial Action Fund (HSRAF), Highway Emergency Response Fund, the Drug Lab Cleanup Fund, and the Orphan Site Account.

# Oil Spill Contingency Planning & Exercises

## DEQ Regulates:

- 17 Plan Holders
- 21 Plans
- 5-year review cycle
- Required Drills and Exercises
  - 2 Deployment Exercises per plan holder
  - 1 Annual Tabletop Exercise
  - 4 Notification Drills
  - GIUE – Government Initiated Unannounced Exercises





# High Hazard Rail Planning



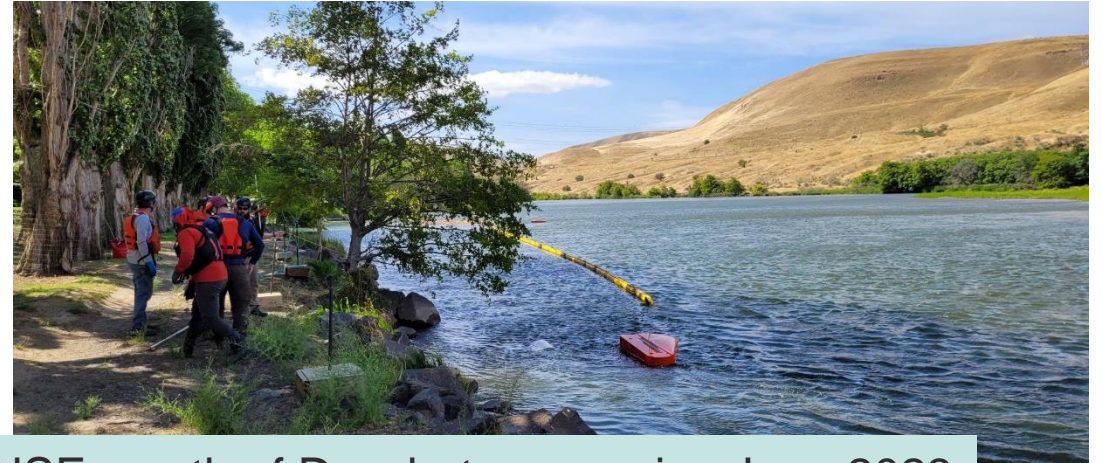
UPRR exercise on the Willamette River June 2023



# Training and Collaboration



DEQ & ECY at the BNSF mouth of the Deschutes River in June 2023



BNSF mouth of Deschutes exercise June 2023





# SB 1567 – Fuel Tank Seismic Stability Program

- Oregon requires large fuel storage facilities to upgrade to minimize risk from a Cascadia Subduction Zone earthquake - SB 1567 (2022)
- DEQ completed implementation rules September 14, 2023 (OAR 340-300-0000 to 0007)
- Facility assessment submittals are due June 2024
- Facilities have 10 years to complete the improvements after mitigation plan approval



Portland's Critical Energy Infrastructure (CEI) Hub

Google Earth Photo

# Fuel Tank Seismic Stability Program (cont.)

- Most are in the Critical Energy Infrastructure (CEI) Hub which is situated near downtown Portland
- 6-mile zone previously wetlands and lakes
- Filled with dredge spoils
- Vulnerable to liquefaction
- 17 tank farms in total
  - 14 tank farms in Portland
  - 2 in Clatskanie
  - 1 in Eugene
- 3 pipelines
- 537 tanks
- 350 million gallons of all types of oil
- <2% of tanks built since 1993
- Accounts for 90% of Oregon's oil supply



## Who to Contact:

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Oregon Dept. of Environmental Quality

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[www.oregon.gov/deq/ss/Pages/default.aspx](http://www.oregon.gov/deq/ss/Pages/default.aspx)



# Geographic Response Planning



USCG deployment drill to test some of the new GRP strategies for Tillamook Bay.



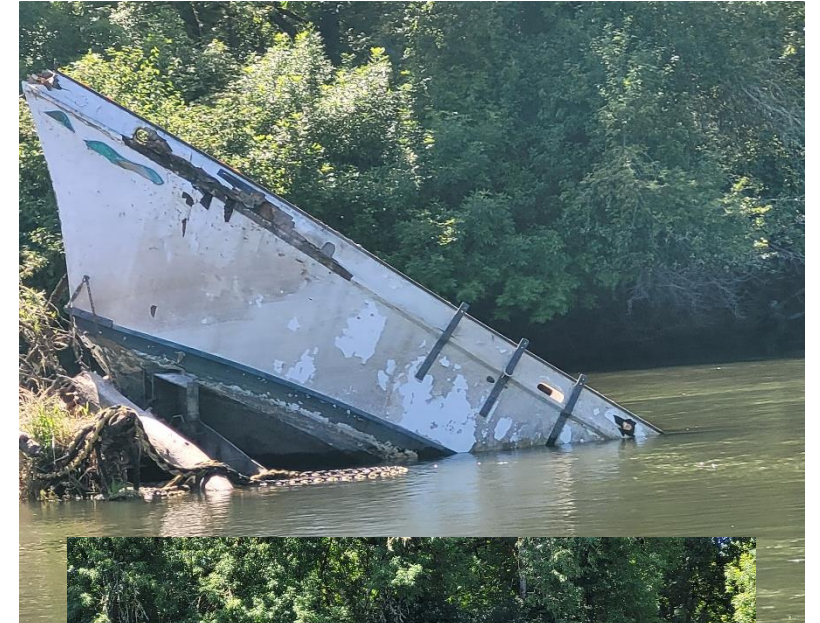
Photos courtesy of USCG



# Abandoned and Derelict Vessels

- 277 known abandoned and derelict vessels in Oregon
- Vessels are recreational, commercial and former military

ADVs continue to plague Oregon waterways





# ADV Authorities and Jurisdictions

- US Coast Guard authorities are limited to the removal of oil and hazardous materials
- OR State Marine Board is mostly limited to recreational vessels outside of marinas.
- Department of State Lands funds are intended for removing derelict docks and floats
- Department of Environmental Quality has the authority to inspect vessels, but not to remove them
- Oregon State Parks funds were designed for SOLVE type projects
- County Sheriffs limited funds normally are spent towards law enforcement or removing vessels from right of ways such as marina entrances
- Local Authorities lack jurisdiction away from city owned areas such as city parks.



State of Oregon  
Department of  
Environmental  
Quality



# Fishing Vessel Tiffany



The F/V Tiffany re-floated on the Columbia

Garbage overflows on the listing F/V Tiffany



Photo Credits: DEQ/Global Diving & Salvage



# Fishing Vessel Tiffany (cont.)

The F/V Tiffany Deconstruction at Tongue Point, Astoria, OR

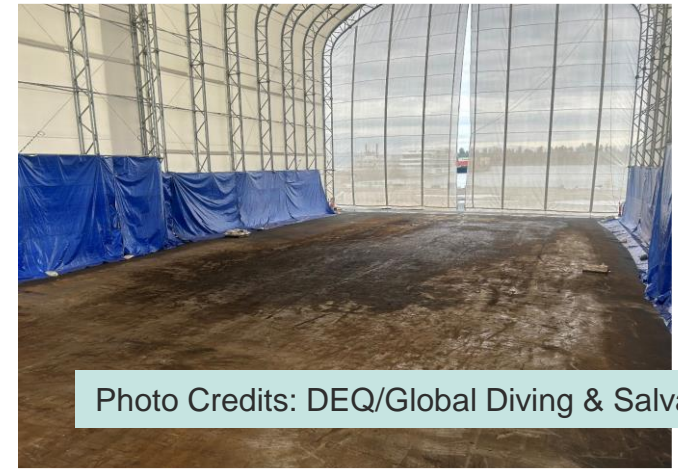
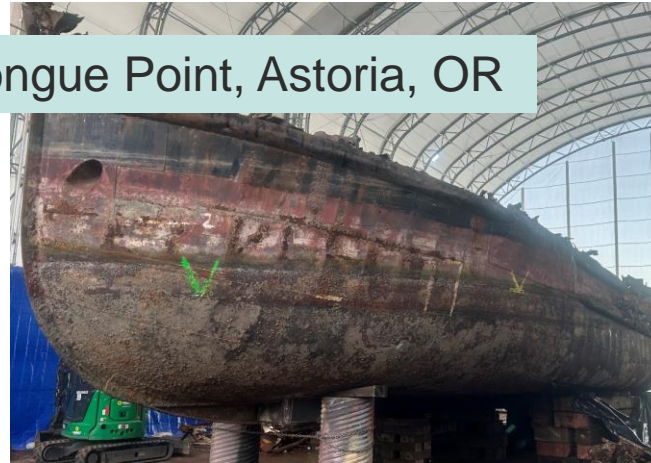


Photo Credits: DEQ/Global Diving & Salvage



# Georgia Pacific Toledo



Crews work to cleanup the oil spill in Toledo



Red-dye diesel impacts to Depot Slough, Yaquina Bay



# Thank You



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