



Sector Columbia River – Area Committee Meeting

September 24, 2024: 0900-1530

Agenda

Time	Event	Speaker/Presenter
0900 - 0915	Roll Call/Introductions	All Record of Attendees
0915 - 0930	Opening remarks	Sector Columbia River (FOSC) EPA WA Dept of Ecology (WA DOE) OR Dept of Environmental Quality (OR DEQ) ID Dept of Environmental Quality (ID DEQ) Tribal Nations
0930 –1030	OSC report/Recent cases	Coast Guard Sector Columbia River EPA WA DOE OR DEQ ID DEQ
1030 - 1045	Networking break	All
1045 - 1115	CTCLUSI Presentation	Ms. Sarah Hardesty, CTCLUSI
1115 - 1130	Agency Staffing Updates	USCG SCR WA ECY OR DEQ
1130 – 1245	Lunch break	All
1245 – 1315	ACP Boom Exercise Overview	Mr. Jim Merten, USCG SCR
1315 – 1330	ACP Restructuring Plan/Progress	CWO Brian O’Neil, USCG SCR Mr. Don Pettit, OR DEQ Ms. Karen Denny, WA ECY
1330 – 1345	Networking break	All
1345 – 1500	OR/WA Mystery Oiling Event – Unified Command Panel	USCG SCR WA ECY OR DEQ
1500 - 1515	Round Robin	Agency/Industry Reps
1515 - 1530	Closing remarks	Sector Columbia River (FOSC) EPA WA Dept of Ecology (WA DOE) OR Dept of Environmental Quality (OR DEQ) ID Dept of Environmental Quality (ID DEQ) Tribal Nations



Sector Columbia River

Captain Justin Noggle, Sector Commander



Since May 1, 2024

NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
51	0 Surface Washing Agents 0 In-Situ Burns 0 Dispersants	3	0



CGPS24024 - CFV OCEAN PRODUCER



RRT Activation:	No
Type and amount of product:	Unknown red oily mixture, 75 gal removed, OSLTF fund opened for up to \$45,000
Cause:	Derelict vessel actively sinking
Date of spill:	24 July 2024
Location:	IWO Warrenton, OR, abutting the Skipanon River
Responsible Party:	Undetermined: Deceased vessel owner & landowner not taking responsibility
Key operational activities:	<ul style="list-style-type: none">- Examination of the vessel-Site reconnaissance/photo documentation-Activation of the OSLTF fund-Deployment of 250 feet of hard boom and sausage boom-Removal of external pollution sources (fuel tanks, solvent cans, generators, batteries)-Suction operations on fuel/oil tanks onboard the vessel using divers.
Major lessons learned:	Importance of: Timely response Effective containment strategies
Lead Coordinator Contact Information:	LT Norton (USCG) IMD Astoria (617) 291-5341





USCG



Training

Description	Dates
UAS/Drone Training	In progress. 5 personnel qualified on the Parrot ANAFI and 3 personnel awaiting CG ground training.
NW Oil Spill Control Course	19-22 Aug



USCG



Federal, State, Tribal, and Local Planning and Coordination Efforts

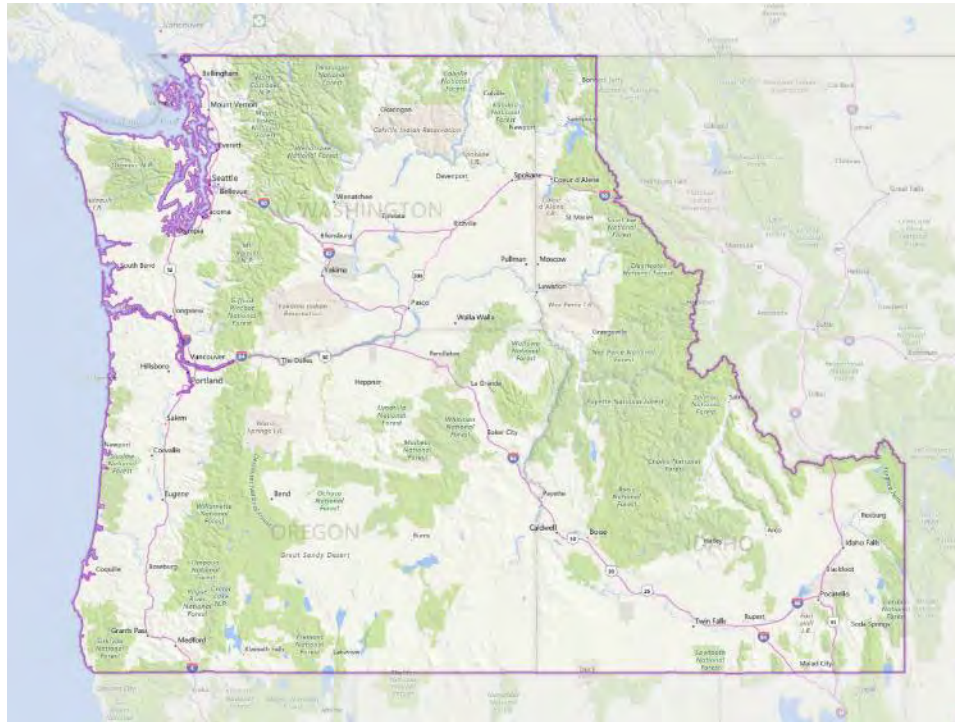
Description	Dates
Ruckelshaus Center facilitated process	Ongoing
ACP Architecture Transition	Ongoing
NWAC Region-wide Planning Body	Ongoing

Exercises and Workshops

Description	Dates
ACP Boom Deployment FSE	Sep 9-13, 2024
NuStar Energy WCD	Oct 16, 2024
McCall Oil WCD	Oct 30, 2024



EPA Region 10



NRC Notifications	RRT Activations	OPA Projects	CERCLA Projects
<p>434 Total Reports 302 Oil 132 Other (HazMat, etc.) (June 17, 2024 to Sept. 17, 2024)</p>	<p>None</p>	<p>2 - The Mermaid Vessel and Cardiff Gasoline Explosion</p>	<p>3 ERs</p>



Radius Recycling Fire

Portland, OR (Multnomah County)

RRT Activation:	No
Contaminant and Amount:	Firewater runoff, unknown chemicals of concern
Release Type:	Scrap Metal Fire
Date of Release:	July 17, 2024
Potentially Responsible Party:	Radius Recycling
Key operational activities:	<ul style="list-style-type: none">– Sample firewater runoff– Analyze for presence of VOCs, S/VOCs, PCBs, TAL metals, and ignitability analysis.– EPA currently evaluating analytical results
Lead Coordinator Contact Information:	Randy Nattis, OSC EPA Region 10





P/V Mermaid Response

Columbia River, Port Of Arlington, OR & WA (Gilliam County, OR)

RRT Activation:	No
Contaminant and Amount:	900 gallons diesel oil
Release Type:	Sunken vessel
Date of Release:	August 13, 2024
PRP:	Vessel Owner, Port of Arlington
Key operational activities:	<ul style="list-style-type: none">– FOSC/SOSC UC, GRPs activated– Boom deployment, dewatering, oil recovery– Vessel removal by crane, transferred to barge– Waste profiling and disposal
Lead Coordinator Contact Information:	Monica Tonel, OSC EPA Region 10





Cardiff Service Station Explosion Cardiff, Idaho (Clearwater County)

RRT Activation:	No
Contaminant and Amount:	Gasoline – 6,500 gal Diesel – 5,000 gal
Release Type:	Explosion
Date of Release:	September 11, 2024
Potentially Responsible Party:	Atkinson Distributing
Key operational activities:	<ul style="list-style-type: none">– Determine nexus to navigable waters of the US– Assess potential impacts to Trail Creek
Lead Coordinator Contact Information:	Jeff Fowlow, OSC EPA Region 10





JH Baxter Time Critical Removal Action Eugene, OR (Lane County)

RRT Activation:	No
Contaminant and Amount:	700,000 Gallons of hazardous material
Release Type:	Chemicals stored in tanks
Date of Release:	Ongoing TCRA
Potentially Responsible Party:	JH Baxter
Key operational activities:	<ul style="list-style-type: none">– Safely removing hazardous chemicals/waste from site and contaminated soils– Collecting air samples and real time air monitoring to verify EPA activities are not releasing hazardous chemicals
Lead Coordinator Contact Information:	Randy Nattis, OSC EPA Region 10





EPA Region 10

Training

Description	Dates
Transcaer Rail Safety Training	June 25-28

Exercises/Workshops

Description	Dates
Phillips 66 Equipment Drill	June 20
Li-Ion Car Carrier TTX	June 26

Federal, state, and local planning and coordination efforts

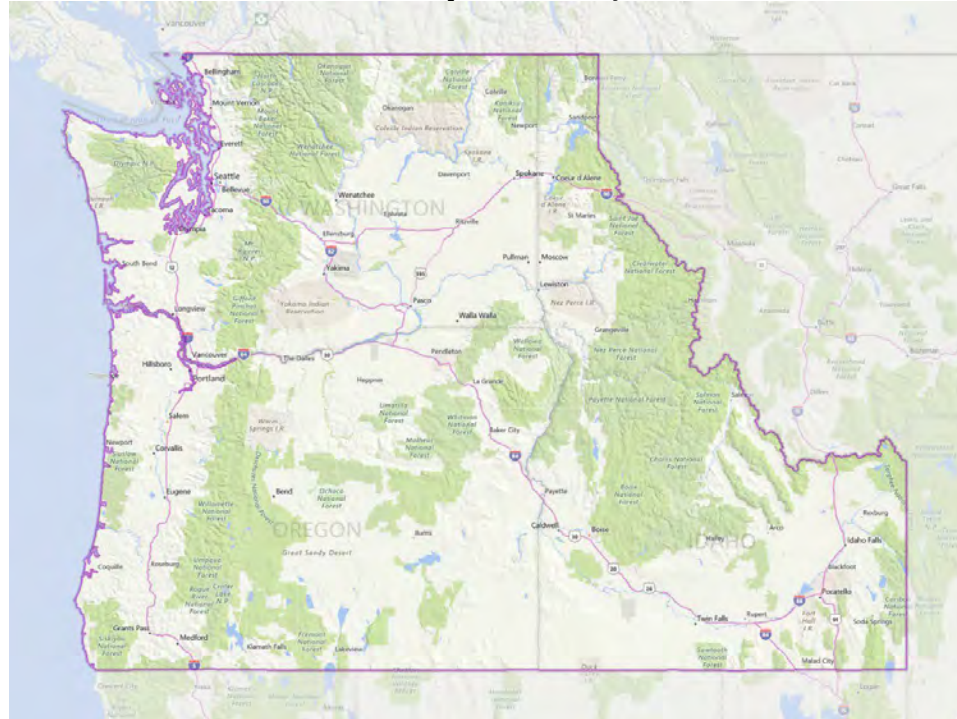
Description	Dates
Chelan-Douglas LEPC Meeting	June 18



Oregon DEQ

Kevin Chan, SOSC NWR

March to September, 2024



Notifications	Petroleum Incidents	Chemical	Other
426	151	58	217



Golf Club Waste Oil Discharge

Type and amount of product release:	- Max potential discharge of 500 gallons of waste oil into catch basin and onto local creeks.
Cause of release:	Single walled waste oil tank corrosion.
Date of release:	07/05/24, reported date 07/08/24.
Responsible Party:	Golf Club
Key operational activities:	<ul style="list-style-type: none">- Immediate boom/sweep combo layered throughout the length of impacted creek/wetlands.- Environmental consultant hired.- Low pressure ambient temperature flushing on part of creek.- Passive collection utilized through out weeks and months.- Enforcement pends.
Major lessons learned:	- More eyes on field, less damage, more product recovery.
Lead Coordinator Contact:	Kevin Chan Kevin.Chan@deq.Oregon.gov





Mid Clean up Jul 22



AUG 31 post clean up













Map generated from Clean Water Services Storm Sewer map. All locations are approximate, and not to scale.



- | Oil-sorbent containment boom location
- Sediment Sample Location
- Surface Water Sample Location
- Areas with residual oil film; oil-sorbent pads have been added/removed as needed
- Former Monitoring Location (Removed)

Each Monitoring Location has sorbent booms and a sweep, except ML 1 and ML 6, which have sorbent booms only. MP 9 has a boom, sweep, and one downstream boom.

After week of 7/24 clean up & flushing, perform 7 day inspection, then 14 day inspection, and 21 day inspection. If saturated, switch booms. Manually clean up, visible materials at MLs. If substantial cleanup is needed, consider switching back to 7 day inspection. If rain event of 0.2 inches or greater in vicinity of site, inspection required within 24 hours or next business day if weekend.

Former ML 7 - Removed

Former ML 6 - Removed

Monitoring Location 9
(Former 5)

Monitoring Location 5 - under foot bridge

Monitoring Location 4
(Former 2)

Monitoring Location 8
(Former 4)

Monitoring Point 3 - "Camp site"

Consolidated to one downstream boom set below MP 9

Monitoring Location 2
(Former 1)

Release Location, Tank Content Sample location

Monitoring Location 7
(Former 3)

Monitoring Location 6

Solid waste drop box

Outfall ML with oil-sorbent boom - **Monitoring Location 1**

SW-1(070924)

Oil-sorbent containment in catch basin

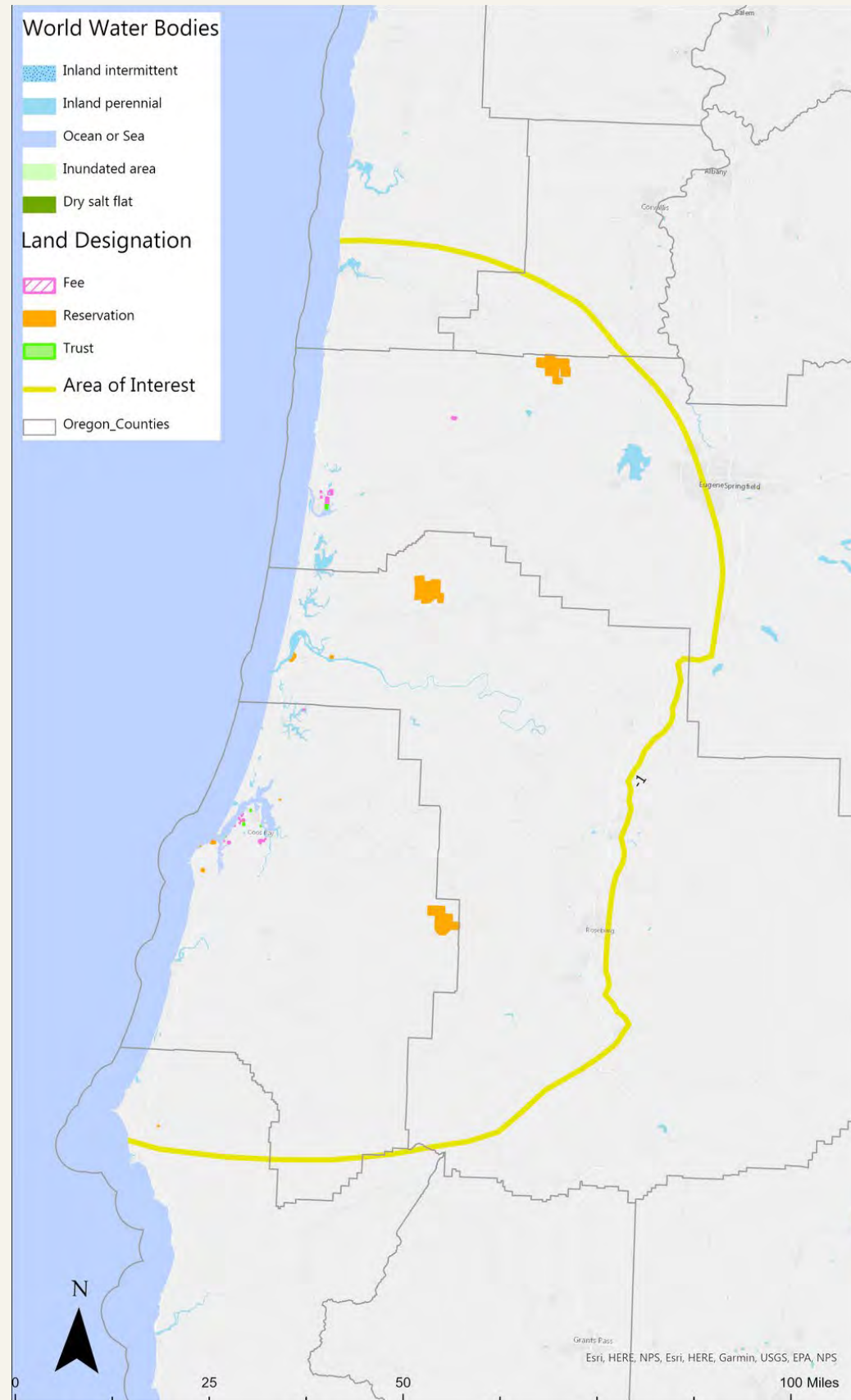


TRIBAL SPILL RESPONSE

Sarah Hardisty, Tribal Response Resource
Specialist, CTCLUSI



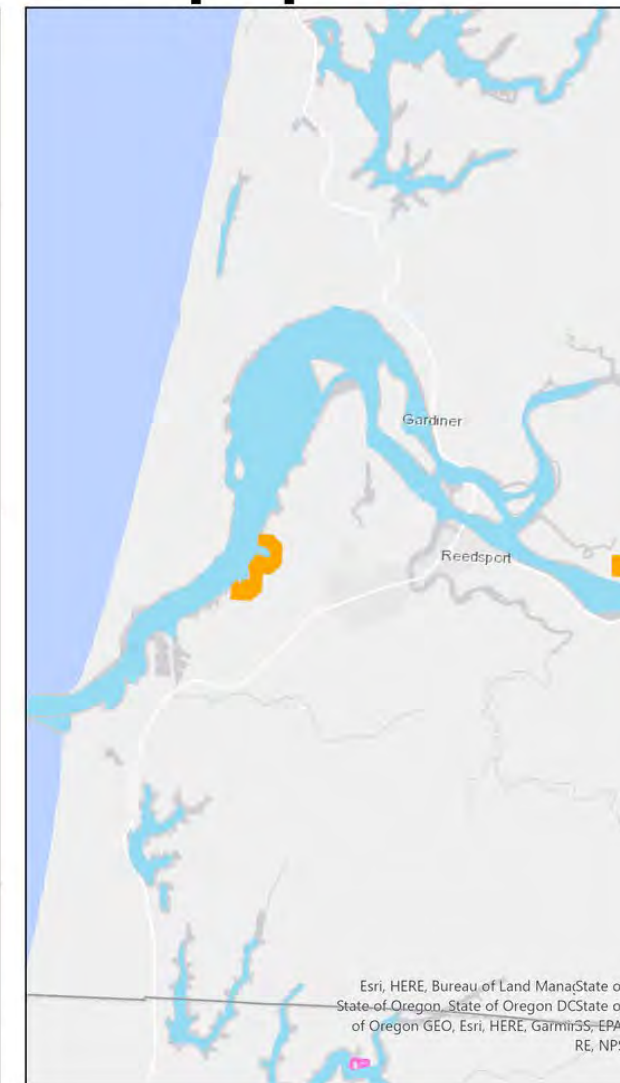
Area of Interest for Notifications



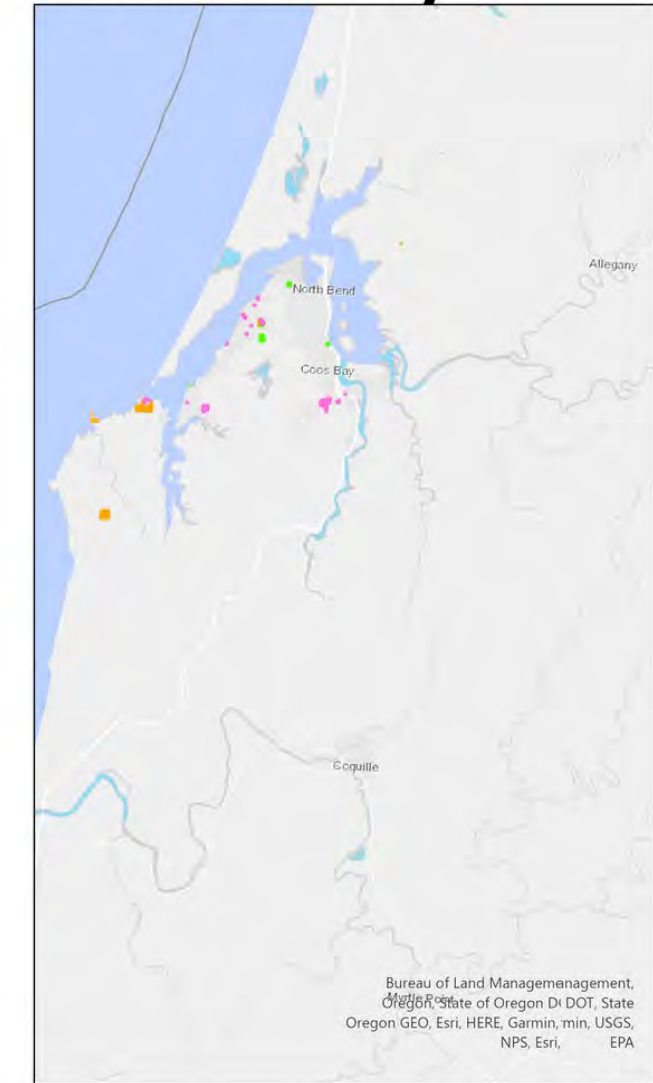
Siuslaw



Umpqua



Coos Bay



World Water Bodies

- Inland intermittent
- Inland perennial
- Inundated area
- Dry salt flat

Land Designation

- Fee
- Reservation

Trust

Oregon_Counties

Water Quality Standards

Treatment as State - Designated Uses of the Waters of the Tribe and Protections in Place - All surface waters of the Tribe shall be free from pollutants in concentrations or combinations that do not protect the most sensitive use of the water body.

Table 1: Designated Uses of the Waters of the Tribe

Tract	Location	Surface Water	Cultural and Ceremonial Uses Including Primary Aquatic Life	Resident Fish and Anadromous Fish Passage	Salmonid Rearing	Salmonid Spawning
Freshwater						
Sixes	Curry County	Sixes River	X	X	X	X
Sixes	Curry County	Wetlands associated with Sixes River	X	X	X	X
Talbot	Coos County	Big Creek	X	X		
Talbot	Coos County	Streams and wetlands immediately adjacent to Big Tributary	X	X		
Macy	Douglas County	Streams and wetlands immediately adjacent to the Umpqua River	X	X		
Pkilti (Upper Lake Creek)	Lane County	Lake Creek	X	X	X	X
Pkilti (Upper Lake Creek)	Lane County	Pucker Creek	X	X	X	X
Lower Smith	Douglas County	Spencer Creek	X	X	X	X
Lower Smith	Douglas County	Bear Creek	X	X	X	X

Tract	Location	Surface Water	Cultural and Ceremonial Uses Including Primary Aquatic Life	Resident Fish and Anadromous Fish Passage	Salmonid Rearing	Salmonid Spawning
Lower Smith	Douglas County	Coon Creek	X	X	X	X
Lower Smith	Douglas County	Cedar Creek	X	X	X	X
Lower Smith	Douglas County	Johnson Creek	X	X	X	X
Lower Smith	Douglas County	Rachel Creek	X	X	X	X
Tioga	Coos County	Tioga Creek	X	X	X	X
Tioga	Coos County	Gooseberry Creek	X	X	X	X
Tioga	Coos County	Wilson's Folly Creek	X	X	X	X
Tioga	Coos County	Bear Gulch	X	X	X	X
Tioga	Coos County	Burnt Tributary	X	X	X	X
Estuarine						
Hatch	Lane County	North Fork Siuslaw River	X	X	X	X
Hatch	Lane County	Wetlands immediately adjacent to NF Siuslaw	X	X	X	X
Umpqua Eden	Douglas County	Umpqua River	X	X	X	X
Umpqua Eden	Douglas County	Streams and wetlands immediately adjacent to the Umpqua River	X	X	X	X
Wu'a'ach	Coos County	Coos River, Coos Bay	X	X	X	X
Fossil Point Unit 1 & 3	Coos County	Coos River, Coos Bay	X	X	X	X

Tract	Location	Surface Water	Cultural and Ceremonial Uses Including Primary Aquatic Life	Resident Fish and Anadromous Fish Passage	Salmonid Rearing	Salmonid Spawning
Kentuck Slough	Coos County	Kentuck Slough	X	X	X	X
Marine						
Gregory Point	Coos County	Pacific Ocean	X	X	X	
Gregory Point	Coos County	Wetlands immediately adjacent to the Pacific Ocean	X	X	X	
Coos Head	Coos County	Pacific Ocean	X	X	X	
Coos Head	Coos County	Wetlands immediately adjacent to the Pacific Ocean	X	X	X	

WQS are science-based criteria describing the conditions necessary to sustain healthy human and aquatic life within the Tribe's waters. These WQS apply only to waters within the boundaries of the Tribe's trust and reservation lands and are not applicable to public or privately owned waters of the State of Oregon.

Tribal Response Program

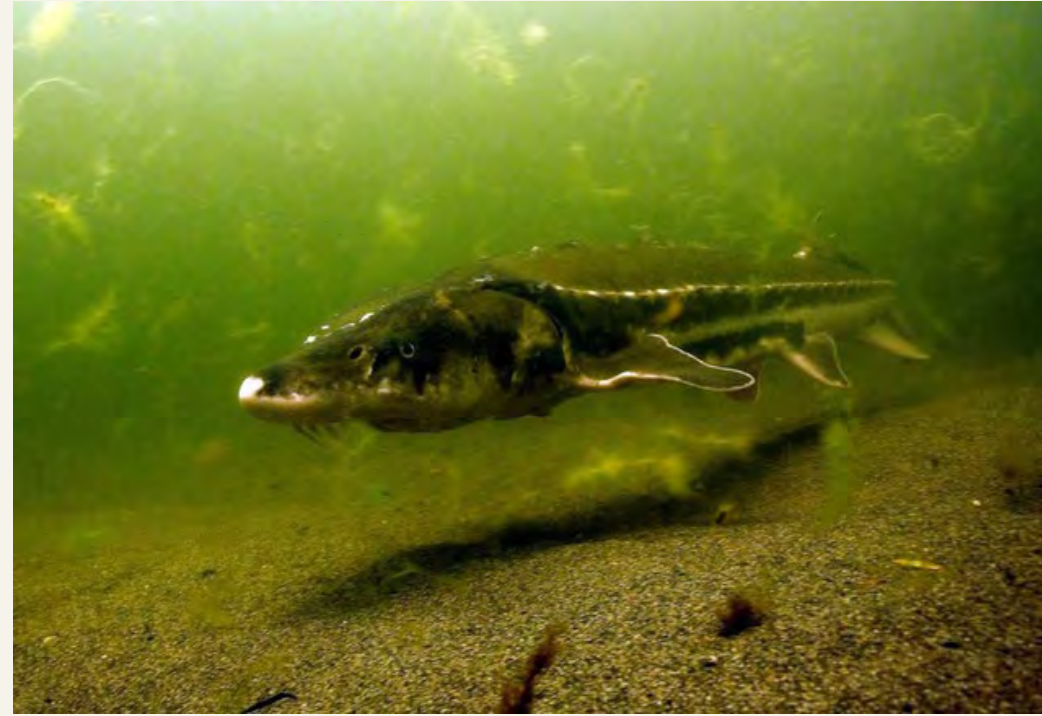
Brownfield Development

Review Spill Notification, assist in NRDA process and safety notices for tribal personnel.

Tribal Spill Response Plan - RAR, Internal Notices Notification System through CTCLUSI.

**Environmental Assessment and Cleanup Trainings, Development, Conferences (SOS, TLEF)
Lab Toxicology Analysis**

Resources at Risk



first foods (estuarine)



first foods (estuarine)



first foods (inland)



first foods (marine)

Inadvertant Discovery Plan

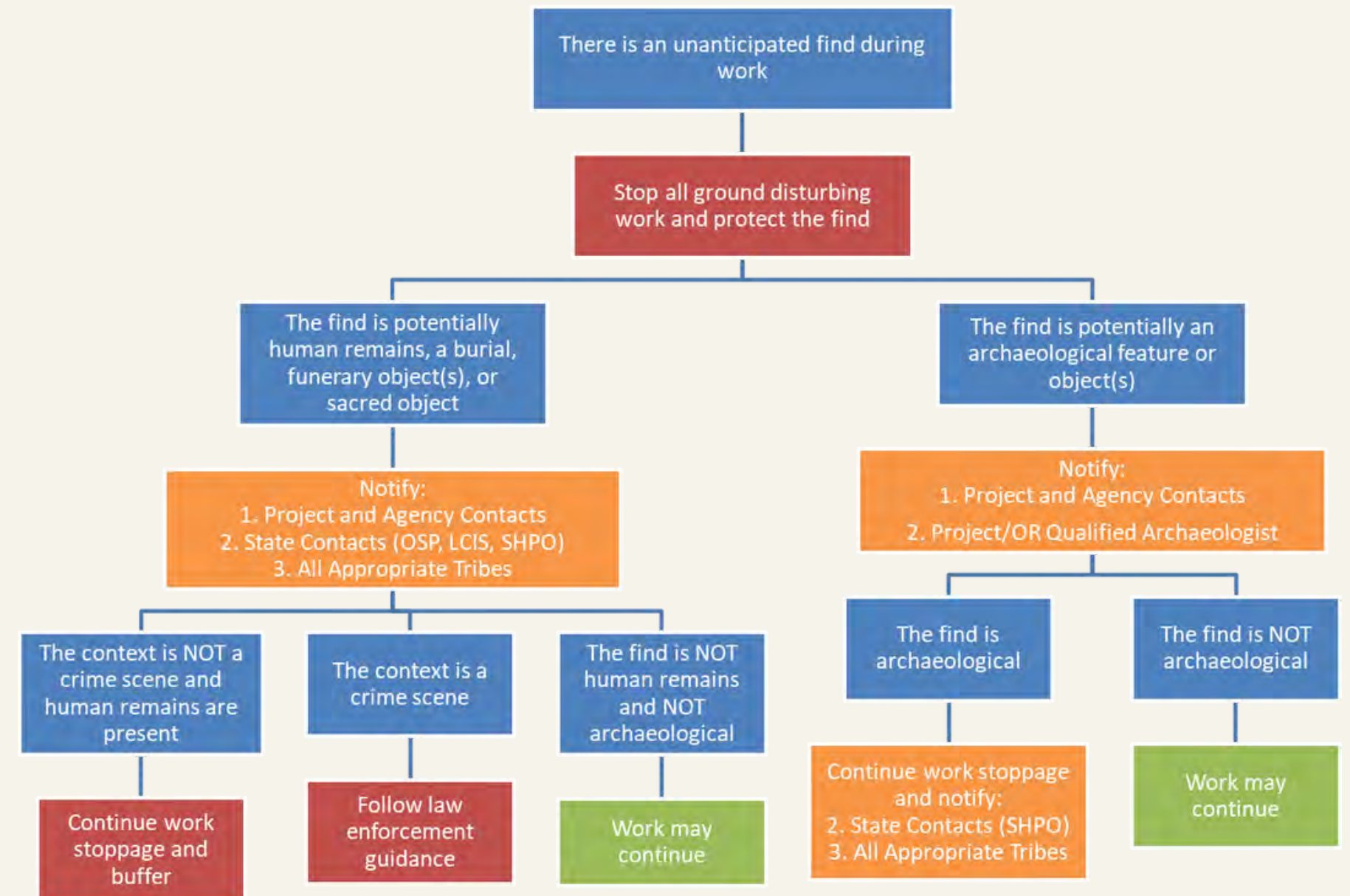
Oregon law prohibits destruction of archaeological sites or objects. ORS 358.920 provides that a “person may not excavate, injure, destroy or alter an archaeological site or object or remove an archaeological object located on public or private lands in Oregon unless that activity is authorized by a permit issued under ORS 390.235.” Moreover, Coos County, the Cities of North Bend and Coos Bay have local requirements that require protection of archeological, historic and cultural resources within Coos Bay.

archaeological object located on public or private lands in Oregon unless that activity is authorized by a permit issued under ORS 390.235.” Moreover, Coos County, the Cities of North Bend and Coos Bay have local requirements that require protection of archeological, historic and cultural resources within

Inadvertant Discovery Plan

**2024 IDP Updated Available,
Collaboration between Tribes,
SHPO, and LCIS (Legislative
Commission on Indian Services).**

**For Non-Emergency Documents,
LCIS would like to work on an
emergency version of the
document to be distributed.
Shared with contractors?**

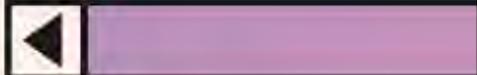


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What would
you like to see
in an
emergency
version of the
IDP?



Inadvertant Discovery Plan

- o Stone flakes, arrowheads, tools, ground stone, bone or wooden tools, baskets, beads**
- o Historic building materials such as nails, glass, metal such as cans, barrel rings, farm implements, ceramics, bottles, marbles, beads**
- o Layers of discolored earth resulting from hearth fire Structural mains such as foundations**
- o Shell Middens and Fish Weirs o Human skeletal remains and/or bone fragments which may be whole or fragmented.**



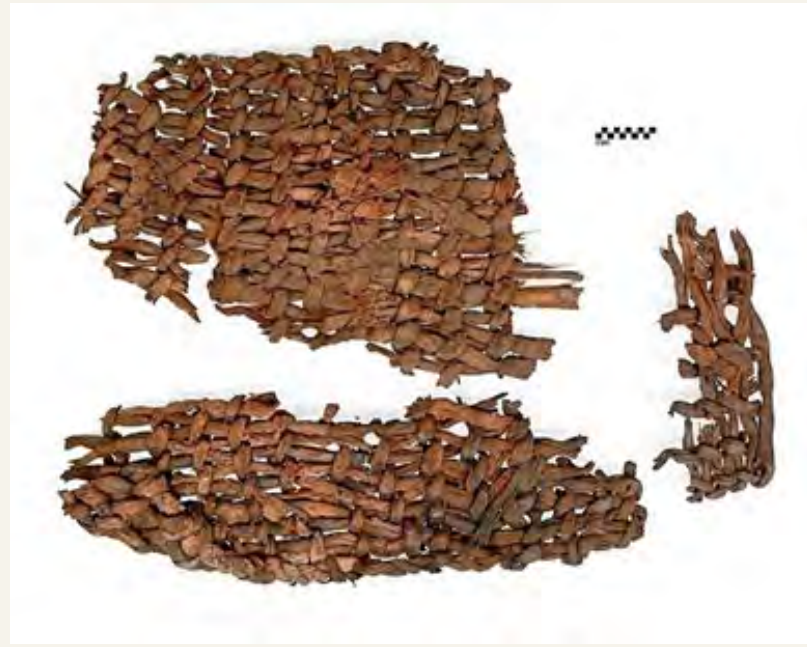
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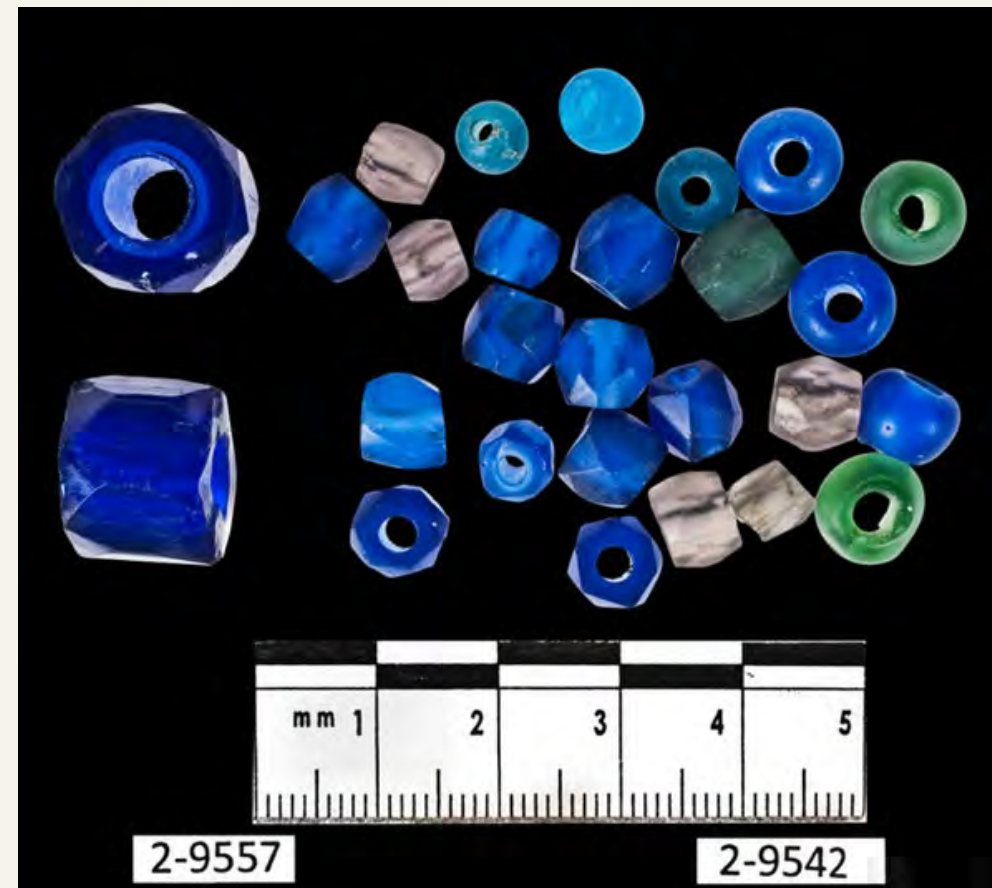
4



5



6



7



8



9



10

Notification Systems

As Described in the Contingency Plan

In Region 10, we are committed to:

- ☐ **Zero missed internal notifications. [*[and zero missed notifications to Tribal governments]**
- ☐ **A bias towards a rapid, aggressive, and well-coordinated response when spills or incidents occur.**
 - ☐ **Joint decision making through Unified Command.**
- ☐ **Maintaining our organization's expertise on the area plan and serving as full participants in the planning process.**
- ☐ **Ensure that organized transitions occur when Regional Response Team (RRT)/Northwest Area Committee (NWAC) agencies experience turnover of key people.**

Notification Systems

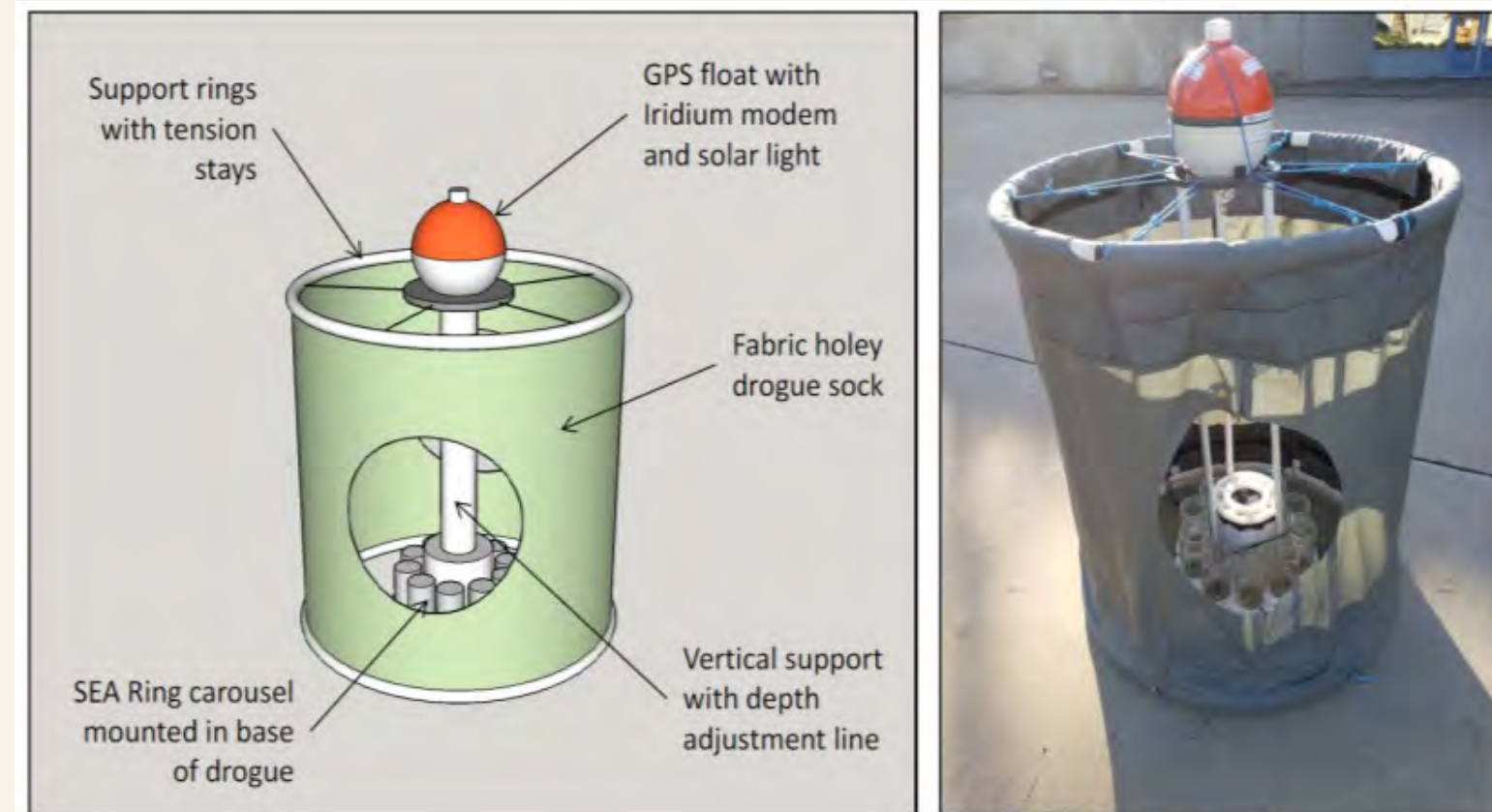
- + Efficient notifications now through the NRC
- + Efficient Manual Contacting in large spill situations (Thank you for your communication and outreach during the tar ball event!)
 - + Notification systems my shift between Tribes and among Tribal Staff
- + Improvements: App-based notification system (such as Alertable, through ORAlert, FEMA) with options for responses from Tribal Staff.



Future Technologies and Directions



Marine Debris/Oil Clearing Device (15 L small scale recovery, primarily for debris removal)



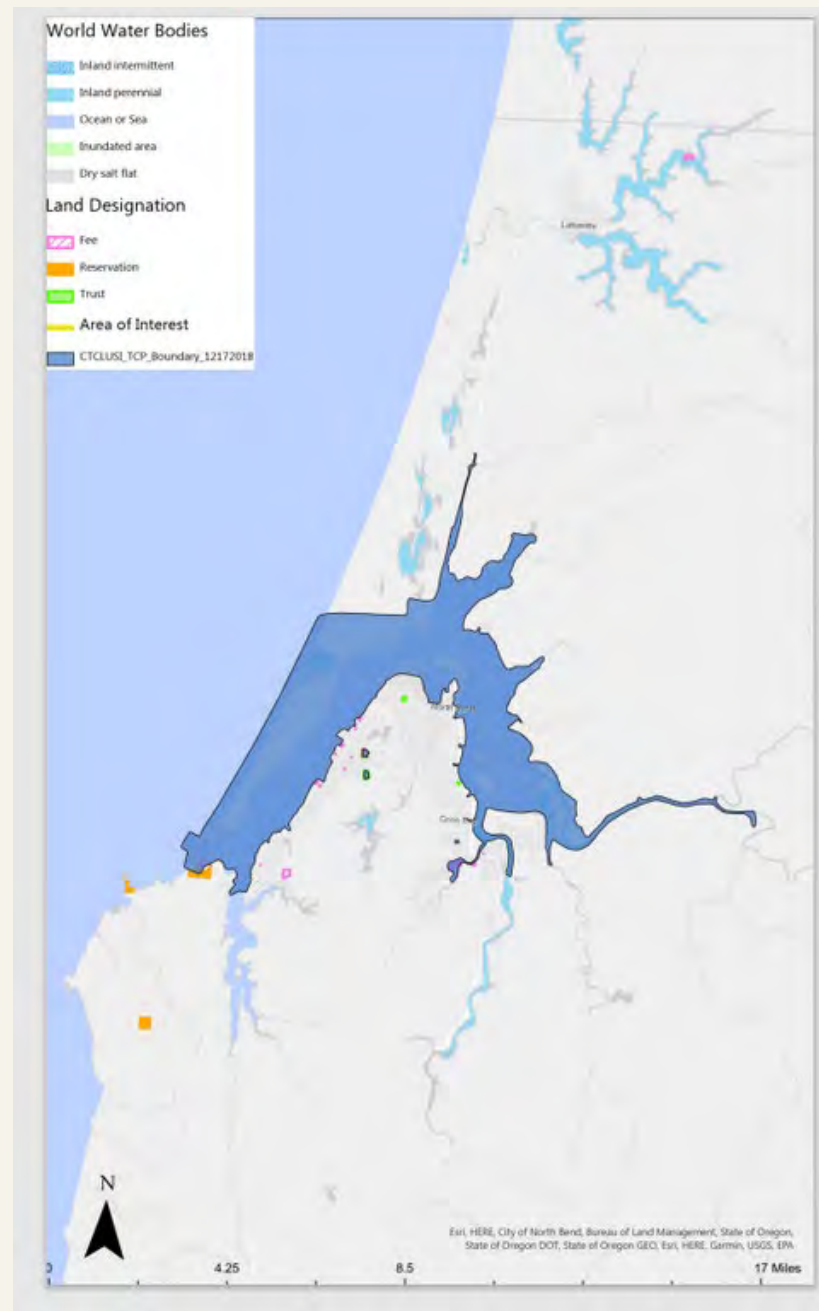
**As an Example, developed by Megan Ewald and Sara Allen,
In - situ Oil Spill Assays for Toxicity on Tribal Resources**

Future Technologies and Directions



- **Work on training program with Community College or other educational institutions to develop for long-term growth**

Q'alya Ta Kukwis Shichdii Me translates to Jordan Cove and the Bay of the Coos People.



Opportunity for Collaboration in the protection of the TCP

Thank you. Questions?

The background of the slide is the official logo of the U.S. Coast Guard Sector Columbia River. The logo is circular with a gold border and a blue background. It features a central illustration of a white and red helicopter hovering over a body of water. A white U.S. Coast Guard cutter is shown in the water, with a red boom extending from its deck. In the background, there are snow-capped mountains, a forest of green evergreen trees, and a small red and white airplane flying in the sky. The text "U.S. COAST GUARD" is written in gold along the top arc, and "SECTOR COLUMBIA RIVER" is written in gold along the bottom arc. A gold star is located in the bottom right corner of the logo.

Sector Columbia River

ACP Boom Deployment Exercise

Jim Merten, MA, CEM

Port Security Specialist (Recovery/
Salvage)

Two weeks ago, Sector Columbia River conducted a successful ACP (Area Contingency Plan) boom deployment exercise aimed at enhancing our preparedness for marine casualty and pollution incidents. The exercise was designed to accomplish six critical objectives, all of which were met with some needing some work and others were performed well.

This exercise demonstrated our ability to coordinate complex responses and ensure operational readiness in real-world scenarios.

These objectives included:



1. Utilizing proper checklists/Quick Response Cards to ensure timely notifications, initial actions, and seamless handoff to the Coast Guard Incident Command staff.
2. Fully staffing the incident organization and operating within the response management system outlined in the Area Contingency Plan to complete one full planning cycle.
3. Determining and implementing tactical response options using the Area Contingency Plan, taking into account the situational and environmental conditions.
4. Following sound investigation procedures to manage a product sampling plan, enabling the identification of an unknown source and responsible party.
5. Coordinating and deploying resources using the Oil Spill Liability Trust Fund to manage boom deployment with a third-party Oil Spill Response Organization (OSRO), prior to identifying a Responsible Party.
6. Establishing a Joint Information Center to provide unified messaging before identifying a Responsible Party.



Why Conduct a drill in Portland on the Willamette River?





Critical Energy Infrastructure (CEI) Hub



Multnomah County Report- Feb 2022



The purpose of this study is to identify the magnitude and extent of potential fossil fuel releases at the CEI Hub from a CSZ earthquake and to evaluate the resulting damages. ECONorthwest, Salus Resilience, and Enduring Econometrics prepared this report for the City of Portland and Multnomah County. For more information about this report, contact: Laura Marshall, Project Manager at marshall@econw.com.

WHAT IS THE CEI HUB?

The Critical Energy Infrastructure Hub (CEI Hub) is a six-mile area in Northwest Portland along the Willamette River (Figure ES-1). There are 10 companies on 31 properties located at the CEI Hub that vary in size from 0.1 to 31.27 acres for a total of 219.85 acres. The CEI Hub facilities are critical to Oregon's fossil fuel infrastructure — over 90 percent of the state's liquid fuel supply is transported through CEI Hub facilities, including gasoline and diesel. The CEI Hub supplies all the jet fuel to Portland International Airport. There are over **150 different types of materials** stored at the CEI Hub, most of which are petroleum-based. There are **630 tanks** of varying sizes throughout the CEI Hub holding a combined active storage tank capacity of at least **350.6 million gallons**.



WHAT IS THE RISK?

The CEI hub is located on unstable soils that are subject to liquefaction and lateral spreading in an earthquake, and the tanks are vulnerable to seismic activity because many were built prior to modern knowledge about earthquake risk. The proximity of the CEI hub to natural assets, like the Willamette River and Columbia River, and the dense urban core in the City of Portland, make

FIGURE ES-1. Location of CEI Hub Properties



Oregon Solutions Assessment- May 2019



Critical Energy Infrastructure Hub Assessment Findings

May 2019

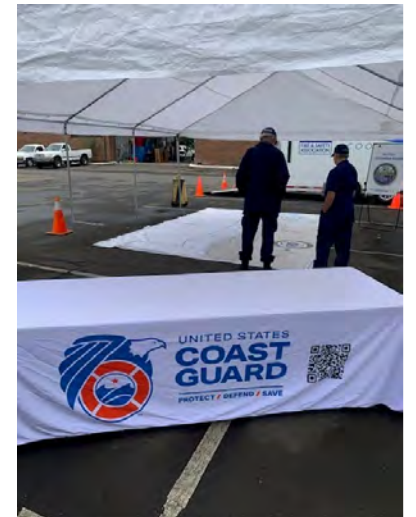
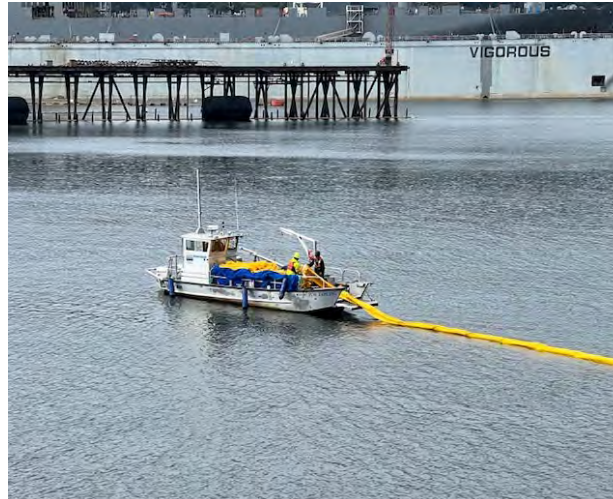


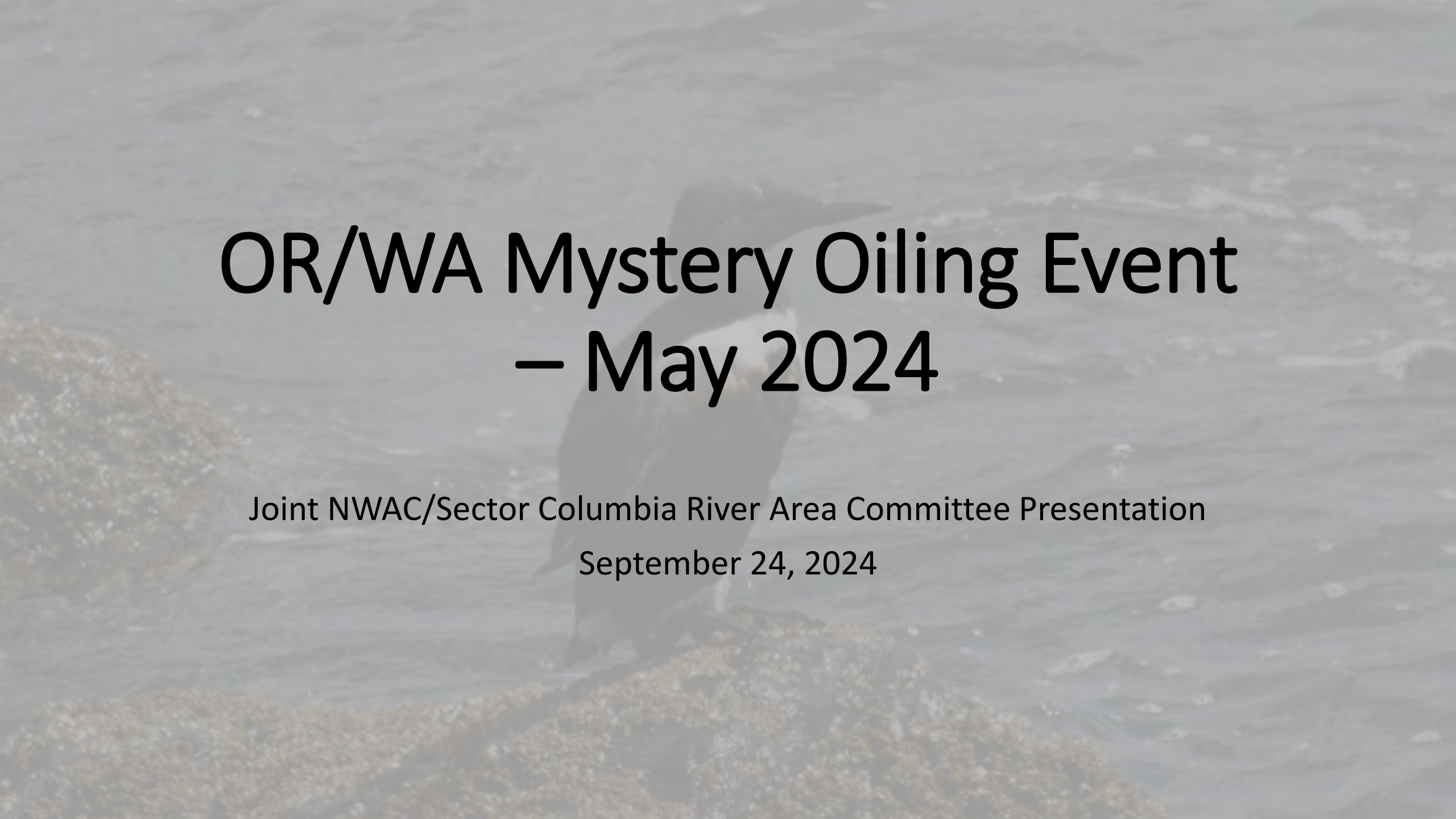
Exercise Stats

- 52 exercise players, evaluators, controllers, and industry partners.
- 50 injects delivered on the Second day.
- 6 injects delivered to the Command Center on day 1.
- 4 on water vessels.
- 1 -53ft command trailer.
- 800 ft of boom successfully deployed at GRP SIL-0.4.

Thank you to our partners in this exercise for lending us your expertise!

- Washington Department of Ecology
- Oregon Department of Environmental Quality
- Clean Rivers Cooperative
- NOAA





OR/WA Mystery Oiling Event – May 2024

Joint NWAC/Sector Columbia River Area Committee Presentation

September 24, 2024



Today's Agenda

- Brief on the Initial Incident and how the Event Unfolded
- GIS tool presentation
- Panel Question and Answer period

Initial Event

On May 19, 2024, Ecology (ECY) received a report from a private individual of an oiled common murre on the shoreline of Seaview, WA. ECY responders investigated. They discovered tar balls on the beach and began picking up what they could.



5/19 Observations

- Oiling of Long Beach Peninsula
- Oiled Wildlife in Cannon Beach and Tillamook areas
- USCG Overflights could not determine source... suspect winds out of NW pushing birds/oil SE

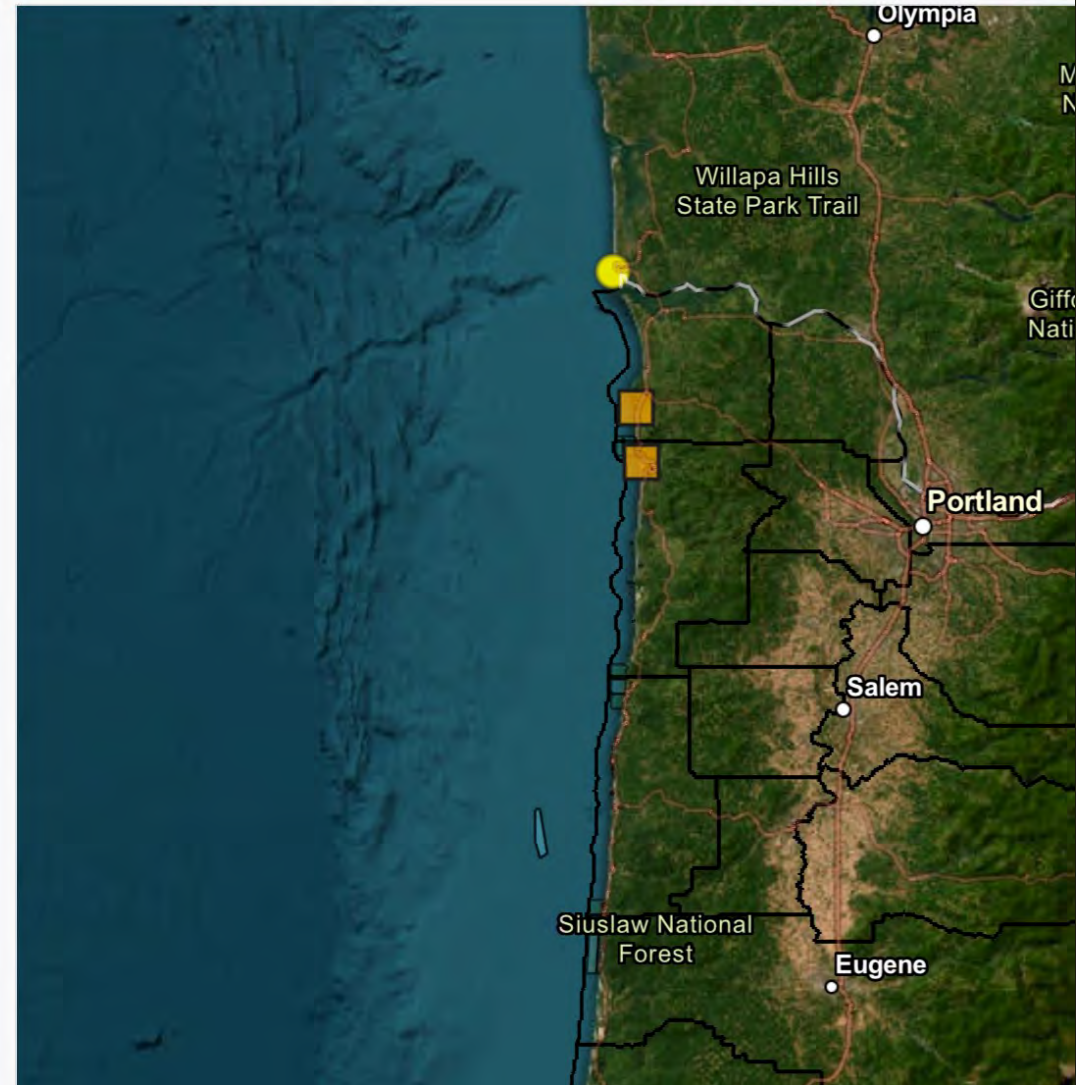
Tarball Response COP

SCAT

- Continuous (91-100% cover)
- Broken (51-90% cover)
- Patchy (11-50% cover)
- Sporadic (1-10% cover)
- Trace (<1% cover)
- No Oil

Wildlife Impacts from Spills

- Heavily Oiled
- Lightly Oiled
- Oil Not Detected



Response from May 19 – May 24

Over the next few days, reports of oiled birds in both Washington and Oregon continued.

On May 20, 2024, ECY hired Focus Wildlife and ECY responders surveyed the shoreline. They found that the oil impacts extended from Benson Beach to Bolstad Beach Approach.



5/20 Observations

- Continued oiling of Long Beach Peninsula
- Oiled Wildlife in Canon Beach and Newport areas
- USCG contracts with NWFF for cleanup of LBP

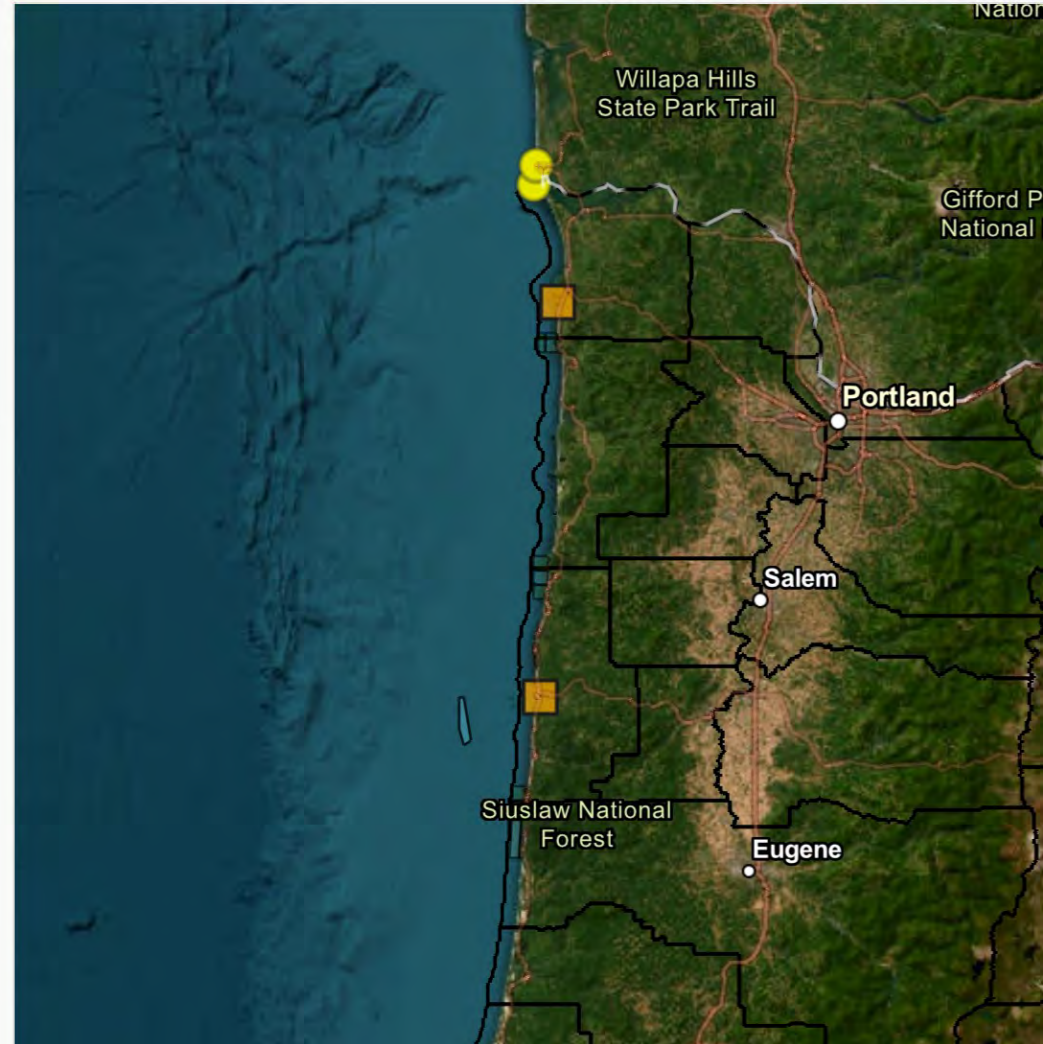
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Wildlife Impacts from Spills

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- Oil Not Detected



Response from May 19 – May 24

The USCG hired NWFF Environmental (NWFF) to conduct a cleanup on Benson Beach.

On May 23, 2024, ECY responders conducted another survey of Benson Beach and found it was re-oiled. ECY hired Republic Services to clean the beach on May 24, 2024.



5/21 Observations

- No new oiling of Long Beach Peninsula
- NWFF continues beach cleanup LBP
- Oiled Wildlife on Salishan Spit, Lincoln City/Siletz Bay area
- No oiling of Oregon beaches yet

Tarball Response COP

SCAT

- Continuous (91-100% cover)
- Broken (51-90% cover)
- Patchy (11-50% cover)
- Sporadic (1-10% cover)
- Trace (<1% cover)
- No Oil

Wildlife Impacts from Spills

- Heavily Oiled
- Lightly Oiled
- Oil Not Detected



5/22 Observations

- No new oiling of Long Beach Peninsula
- Much Oiled Wildlife on LBP, Salishan Spit, Lincoln City/ Siletz Bay area
- No oiling of Oregon beaches yet
- USCG concludes WA operations

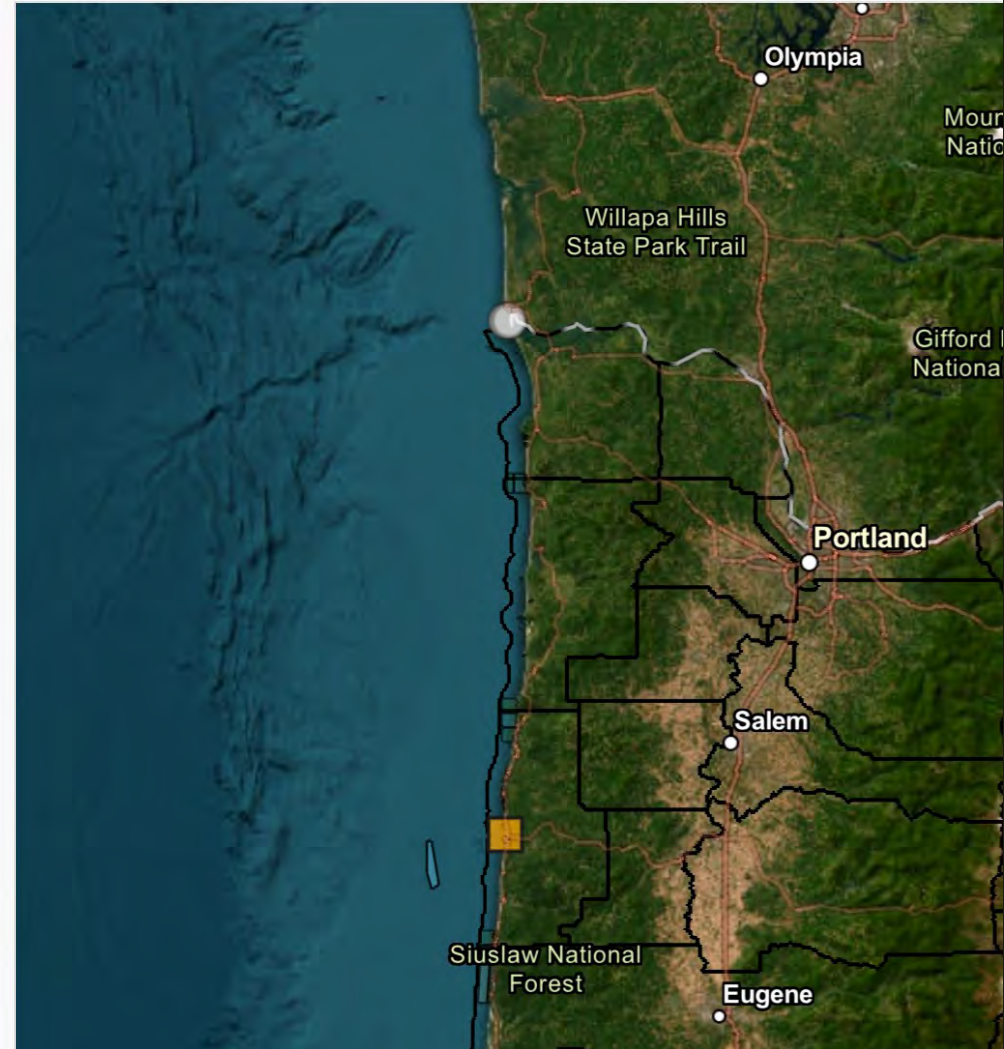
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Wildlife Impacts from Spills

- Heavily Oiled
- Lightly Oiled
- Oil Not Detected





Response from May 19 – May 24

Shoreline oil impacts in Oregon were not confirmed until the afternoon/evening of May 23, 2024.

5/23 Observations

- New oil at Benson Beach/Beards Hollow on LBP...Cleanup completed at these beaches
- Sea Otter oiled/dec. Cannon Beach...and birds
- Murre and Cormorant oiled/dec. Lincoln Co.
- Tarball discovered at Road's End Beach in Lincoln County
- Satellite images negative
- Samples of product for TPH-HCID

Tarball Response COP

SCAT

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- Broken (51-90% cover)
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- Trace (<1% cover)
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Wildlife Impacts from Spills

- Heavily Oiled
- Lightly Oiled
- Oil Not Detected



5/24 Observations

- New oil at Beard's Hollow on LBP
- Cannon Beach heavily impacted by tar balls/ patties ...cleanup by PST/Contractor
- Sporadic oiling of many shorelines across most of Lincoln County from Road's End Beach to South Jetty at Newport
- DEQ stands up Shoreline Observation Team (pre-SCAT) and preps 232 for North Coast
- Integrate ODFW & OPRD into Observations Teams
- DEQ contracted Terminus to provide Virtual Response Platform (5/24 launch)

Tarball Response COP

SCAT

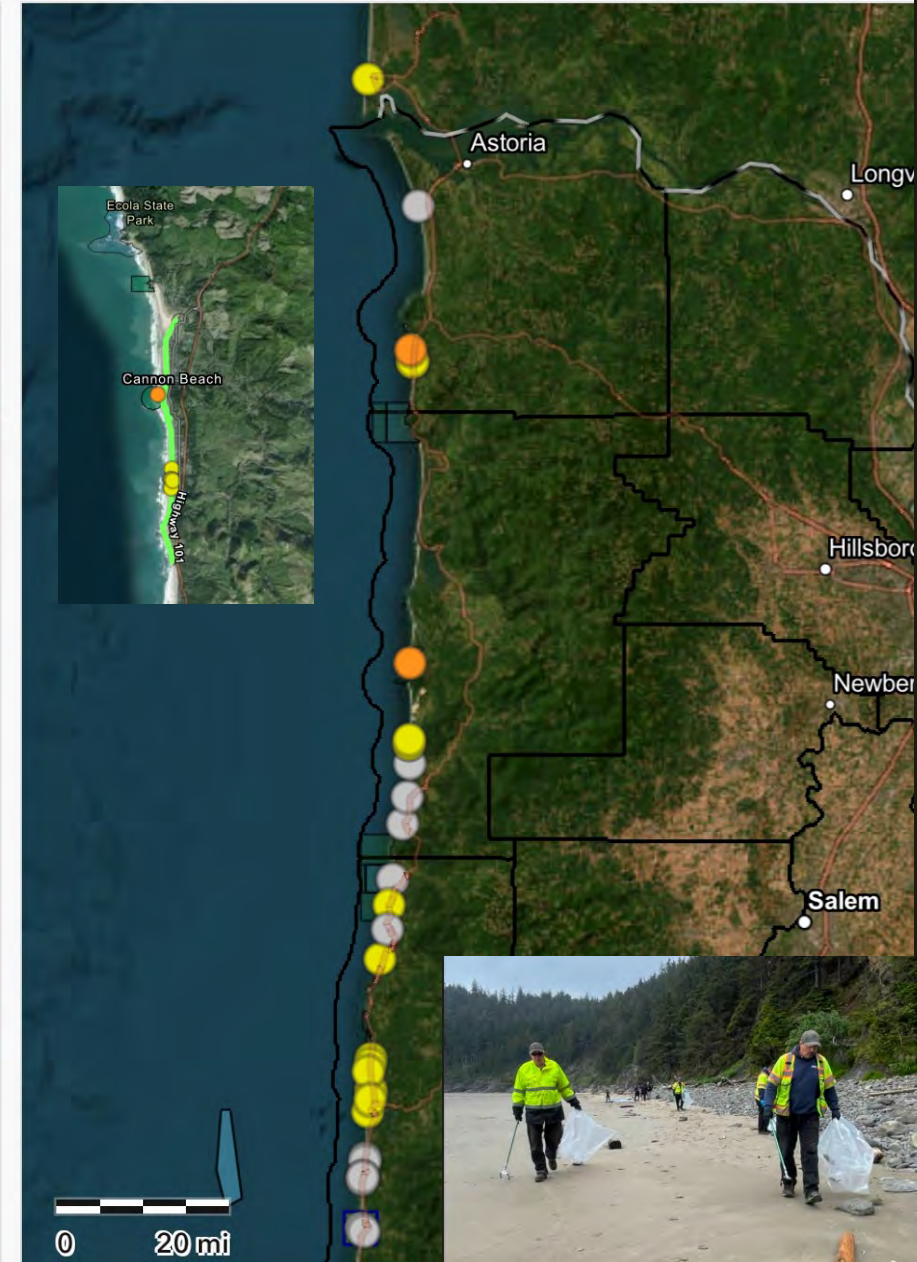
- Continuous (91-100% cover)
- Broken (51-90% cover)
- Patchy (11-50% cover)
- Sporadic (1-10% cover)
- Trace (<1% cover)
- No Oil

Wildlife Impacts from Spills

- Heavily Oiled
- Lightly Oiled
- Oil Not Detected

Marine and Beach Clean-Ups

- Scheduled
- In-Progress



Moving forward:

- As the oil spill effects were now being observed across two states, the incident response scaled up and became more formalized
- Initial lab results showed diesel/lube oil equivalent to bunker oil



BOA Contractor Support

NWFF Environmental

- Hired May 20 through end of incident
- Provided up to 3 teams per day for shoreline cleanup
- Subcontracted Northwest HAZMAT
- Provided collection containers at 4 OR state parks



BOA Contractor Support (Cont.)

Ballard Marine

- Hired May 27 – June 01
- Provided up to 2 teams per day for shoreline cleanup



BALLARD
MARINE CONSTRUCTION

Pacific Strike Team Support

- Requested May 24 to augment local SCAT and contractor oversight teams and support site safety
- On scene May 25 to Jun 5
- Provided 6 responders, 2 trucks, C2 trailer, utility trailer, UTV, ATV, and UAS capabilities



Source Investigation

- Samples sent to USCG Marine Safety Lab, NOAA LSU Lab, and state labs in Oregon and Washington
- Analysis indicated a heavily weathered light crude oil
- CG conducted several overflights. Some offshore sheening observed without any potential sources in the area
- Attempted to coordinate sample collection from a vessel that was in the area and eventually moored in Canada

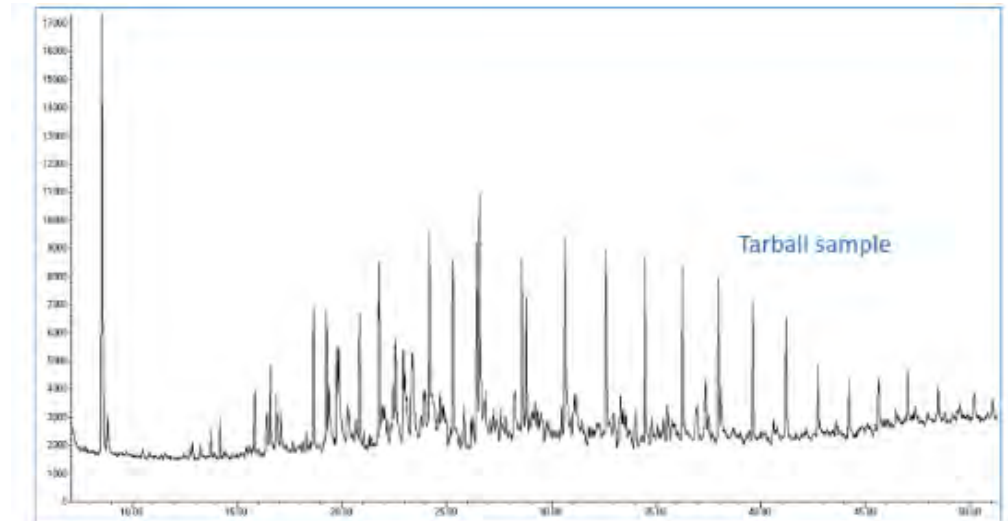
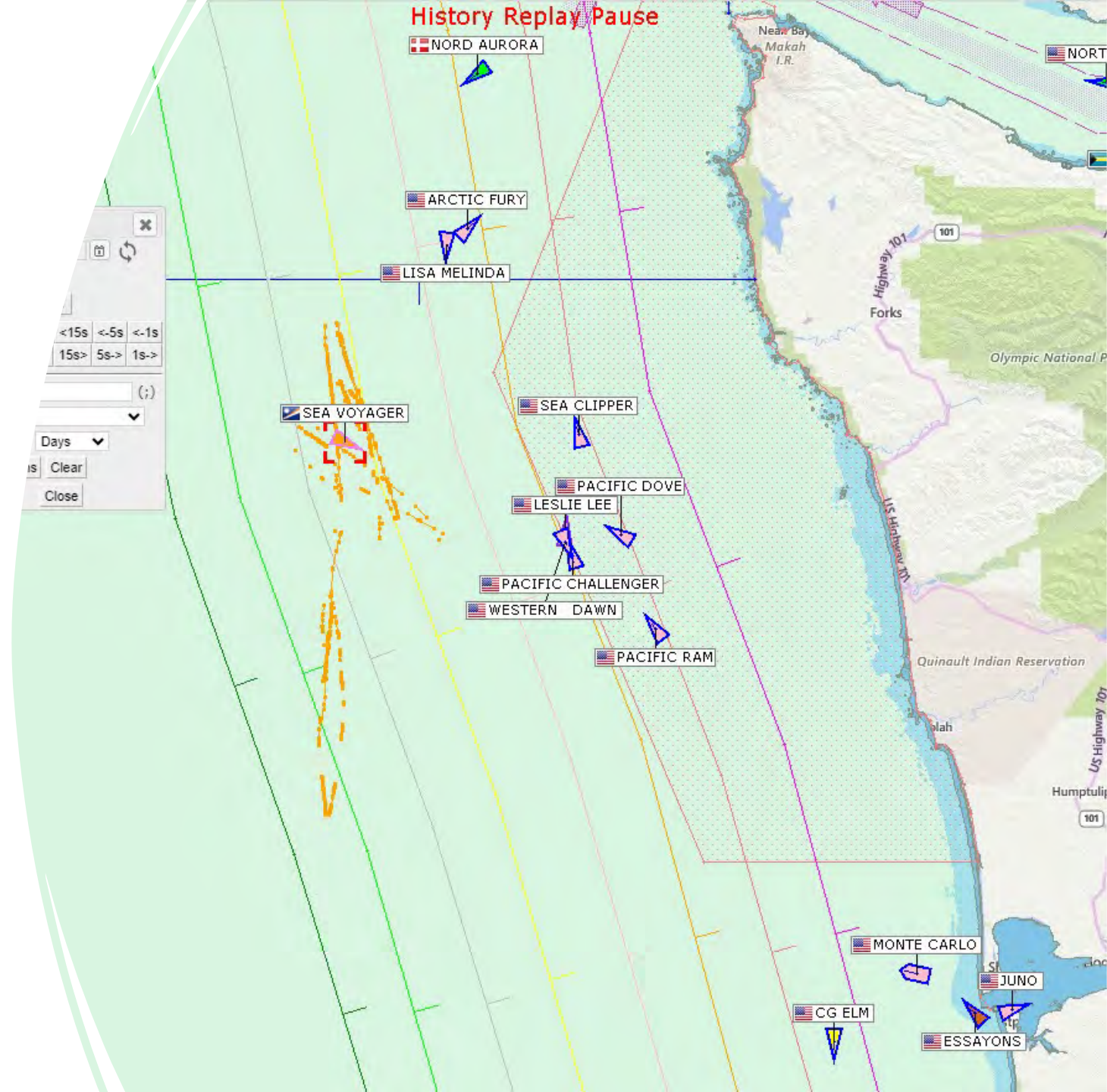


Figure 1. Total ion chromatograph (TIC) for tarball sample. Shows typical patterns of crude oil constituents in a weathered matrix.

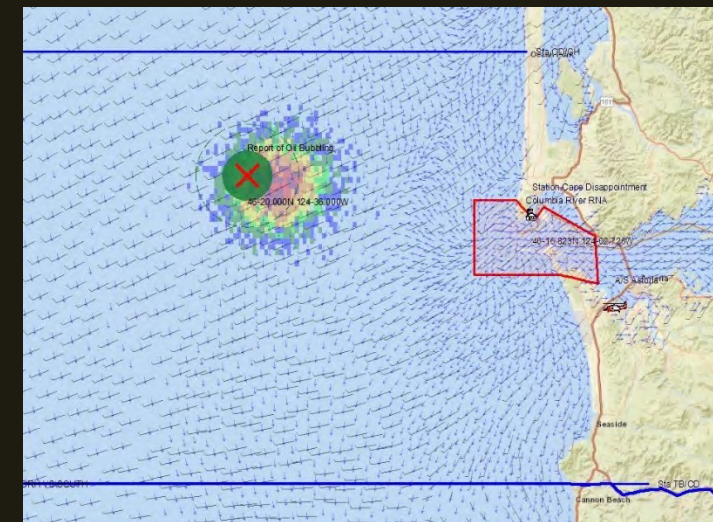
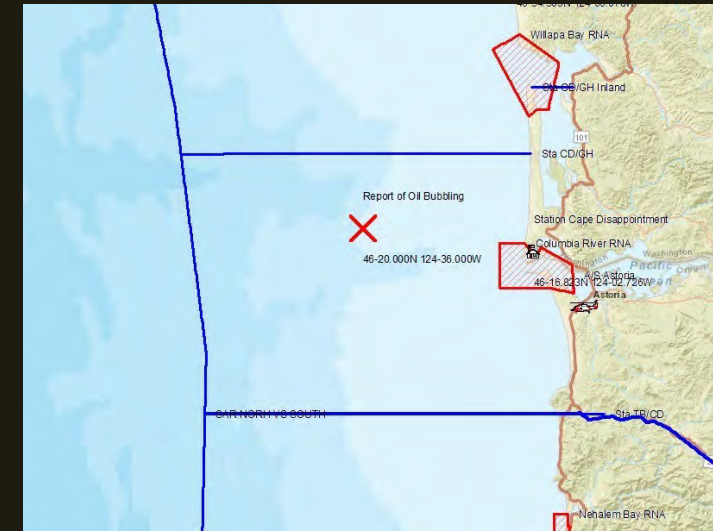
Source Investigation (Cont)

- Two RULET vessel were considered but ruled out by lab results/confirmed product
- No known natural seep in the area
- Source unidentified/mystery



Source Investigation

- Reports of Offshore “bubbling”
- Investigation could not locate the zone, but ocean circulation from that point could have resulted in the shoreline oiling observed
- Situation is similar to 1999 Mystery Oiling Event...also never found



SCAT (& pre-SCAT)

- Standard SCAT was used as well as the Survey 123 app on cell phones.
 - This allowed for multiple agencies to participate and populate the COP in real-time in gathering many more data points than a traditional SCAT method.
- Over 400 datapoints fed into COP with Survey 123



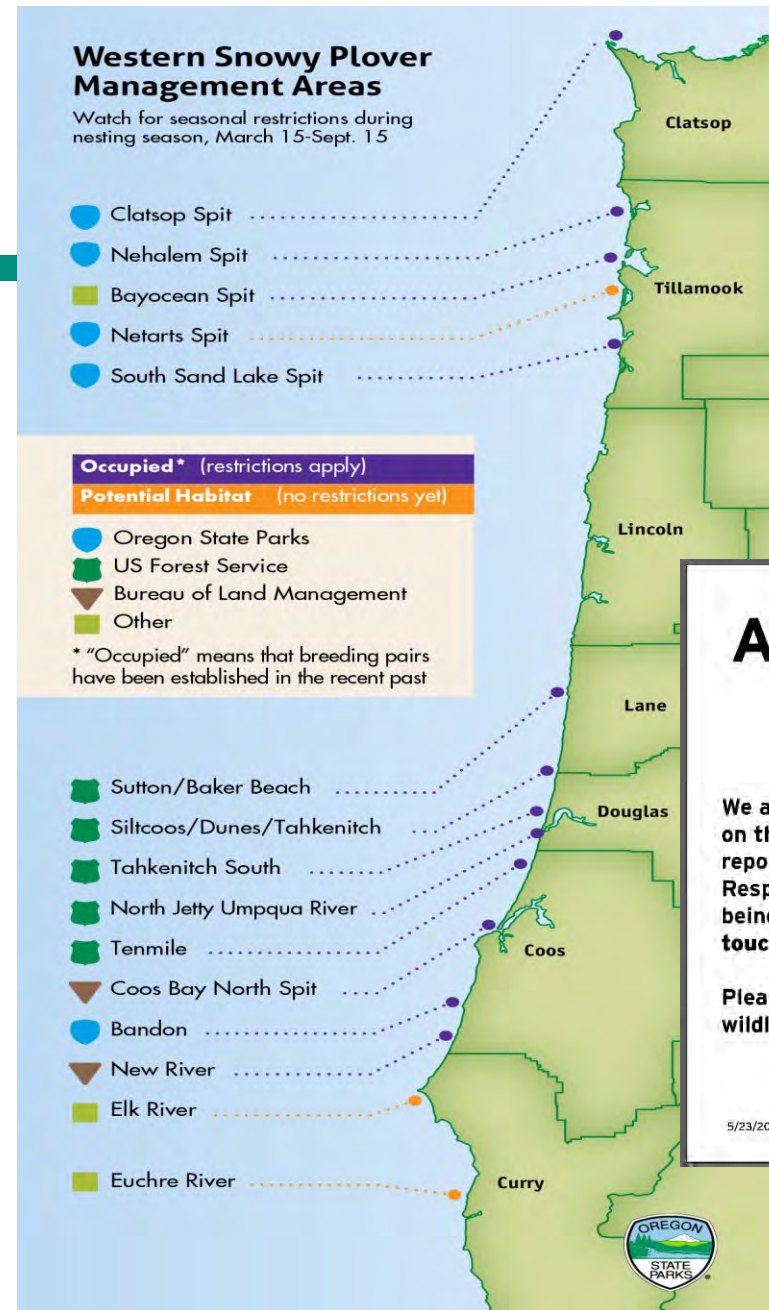
SCAT continued



- Multiple calibration meetings held with contractors, state agency reps. and USCG members
- Over 400 lbs of oiled debris was collected by USCG contractor
- Survey 123 training provided to Tribes along OR Coast and was invaluable in providing data to the response

Plover Nesting Areas

- Coordination with OPRD and ODFW required along with NOAA and USFWS
- Unique jurisdiction of OR beaches (Oregon State Parks and Recreation management)
- Plover habitat (map from OPRD)



ATTENTION

We are aware of reports of tar balls on the beach. This incident has been reported to Oregon Emergency Response System (OERS) and is being addressed. **If found, do not touch**

Please report any potentially oiled wildlife: **1-800-22-BIRDS**

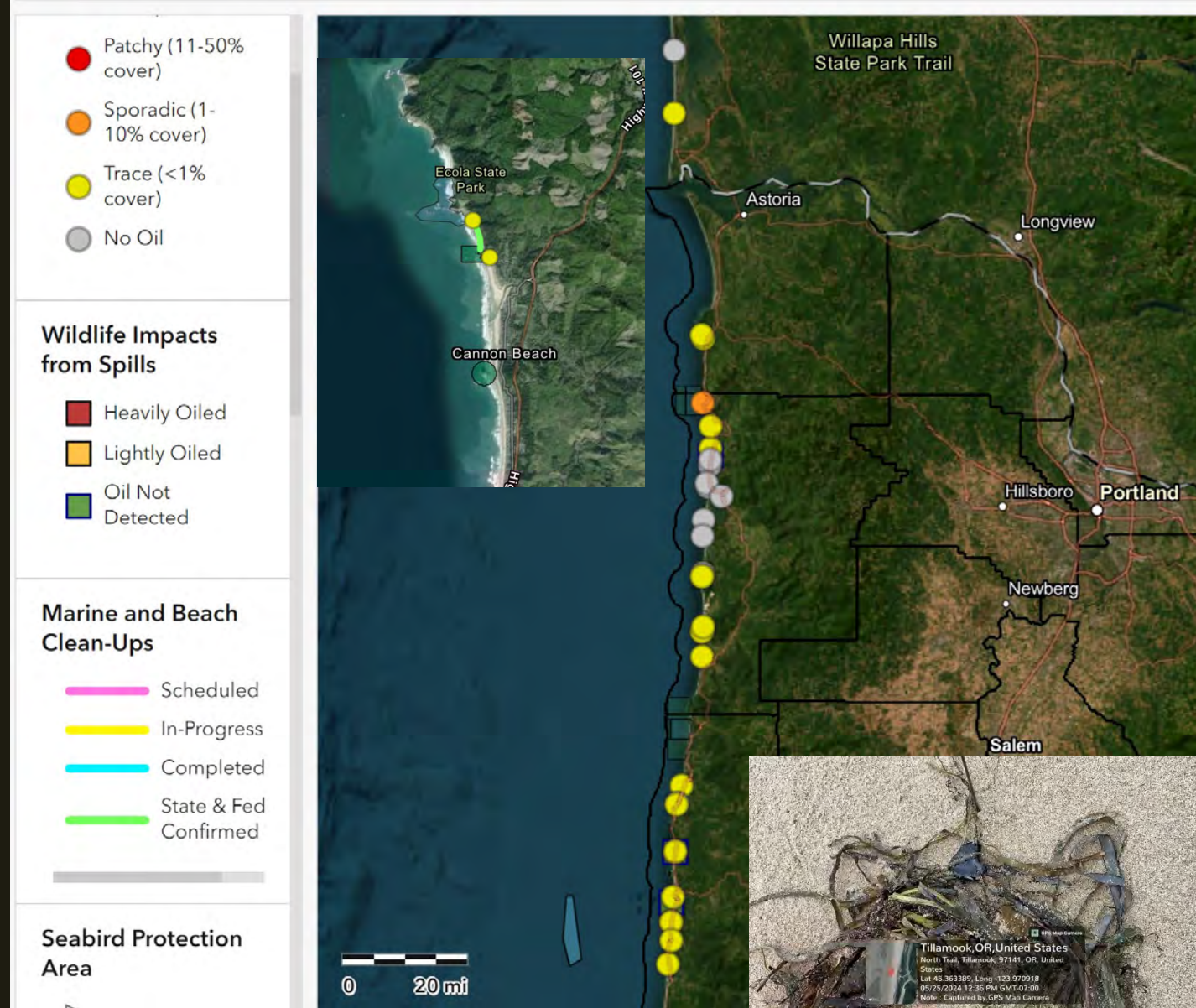
stateparks.oregon.gov

5/23/2024

5/25 Observations

- Recurring observation on LBP
- Tarballs along Tillamook and Lincoln County... new oil at Ecola St. Park... cleanup of Ecola Beach completed by Contractor
- Samples collected for fingerprinting analysis & disposal characterization
- No new wildlife impacts
- USCG Overflight

Tarball Response COP

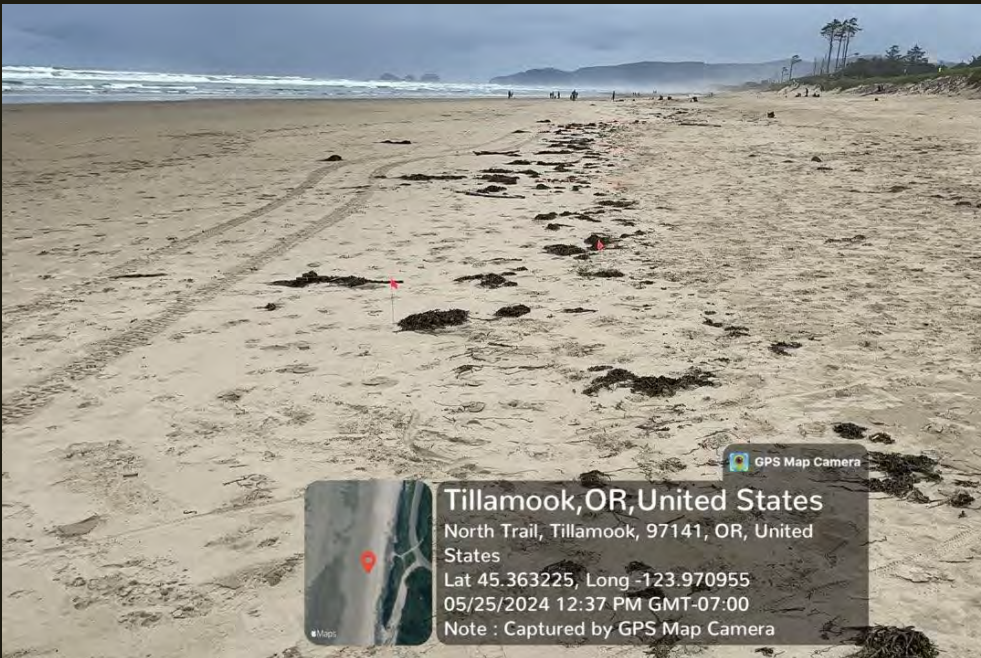
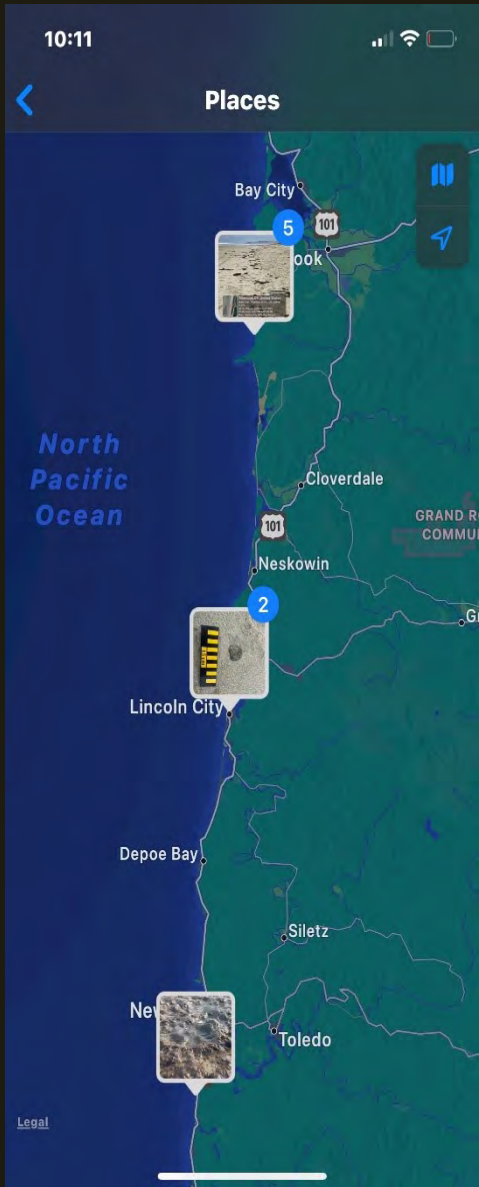


Big Issues Managed...

- Waste Management
- Animal transport and rehabilitation
- BMPs for Plover Areas/arranging beach monitors
- Coordinating Beach Assessments
- Prioritizing beaches for cleanup
- Agreeing with multiple agencies/trustees on what needed to be cleaned and on what constituted “Cleaned Up” status



Beach Cleanup Operations



Overflight 5/25/2024

- Utilized USCGC C-27J out of Sacramento
- Staffed by OR DEQ, USCG, WA ECY and WA Fish and Wildlife
- Oil sheen observed south of Newport



Overflight continued...

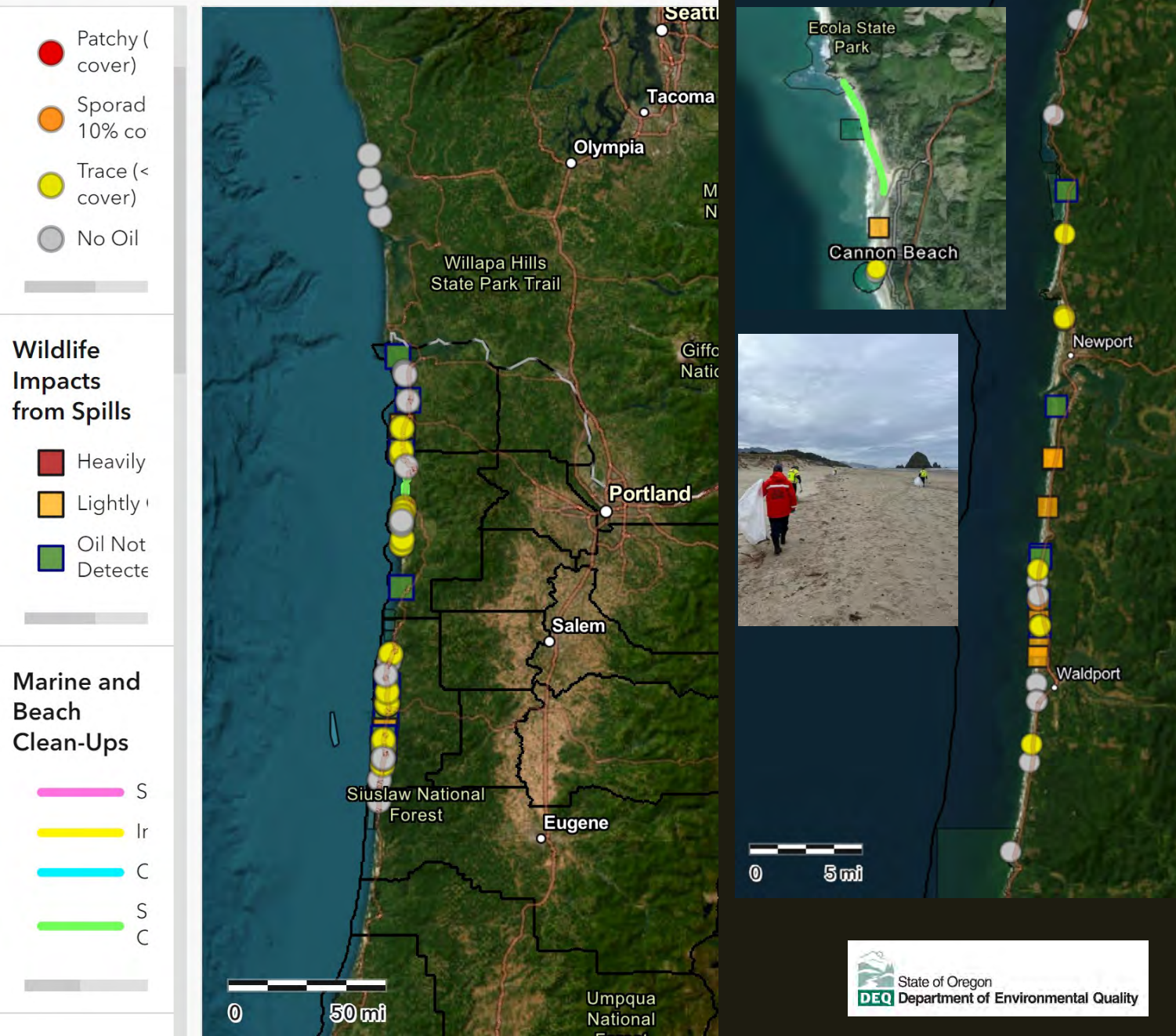


- Sheen 1 mile to 1.5miles long
- Approximately 30' wide
- Varying between 1 mile to 6 miles off shore

5/26 Observations

- Expansion of monitoring... no new observations on LBP
- Tarballs along Tillamook and Lincoln County... heaviest in Southern Lincoln Co.
- Bay Ocean Spit / Netarts Spit / Salishan Spit / Lincoln County to Waldport
- Additional cleanup at Ecola State Park
- Wildlife impacts in Southern Lincoln County

Tarball Response COP



The Incidents within the Incident

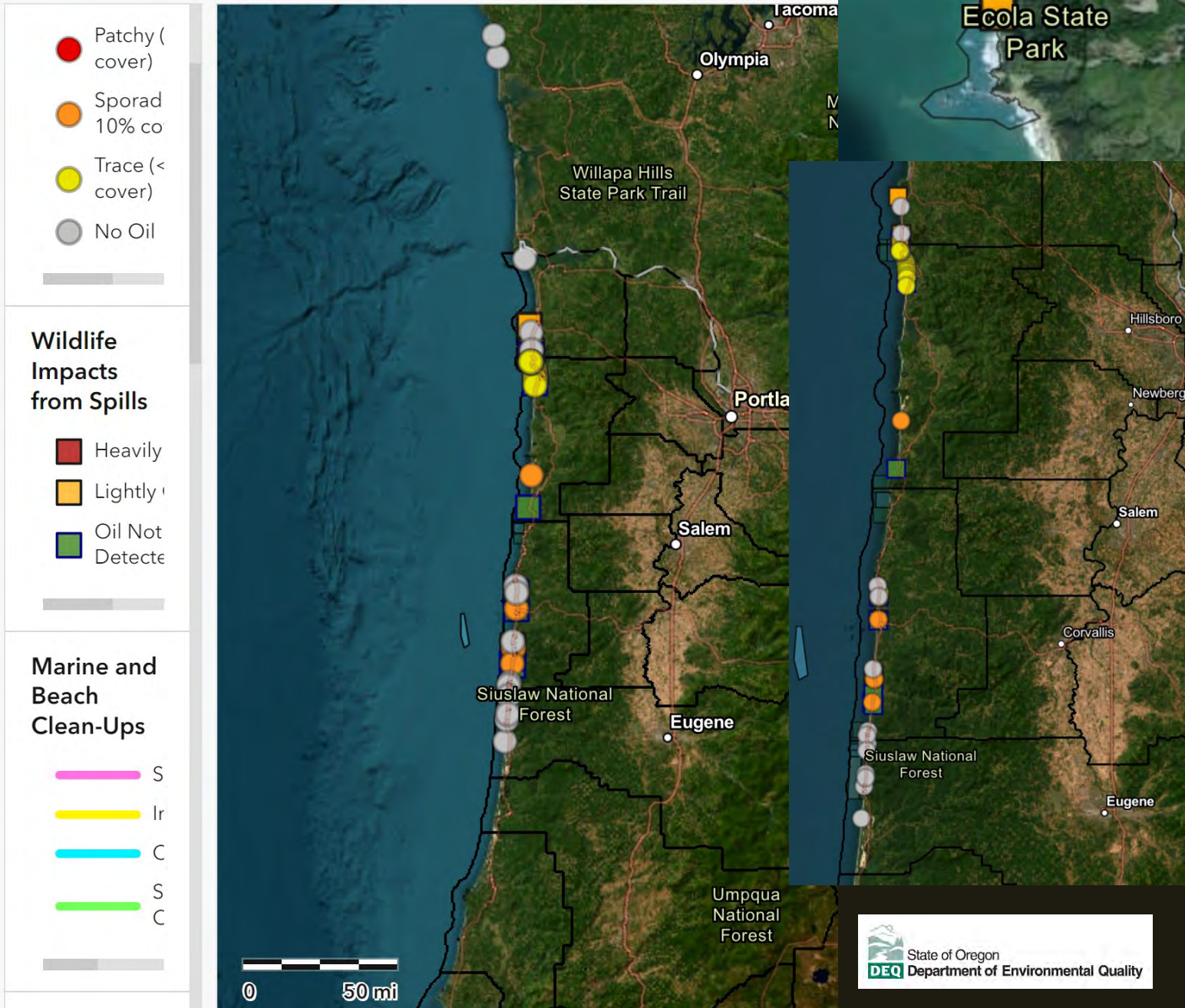
- Shellfish Poisoning!
- Clamming on beaches and in estuaries
- Beached Whale!
- Public Beach Use/Festivals



5/27 Observations

- Expansion of monitoring...no new observations on LBP
- Tarballs along Tillamook and Lincoln County...heaviest in Southern Lincoln Co.
- Wildlife impacts at Ecola and Cannon Beach

Tarball Response COP



5/27 Other Action

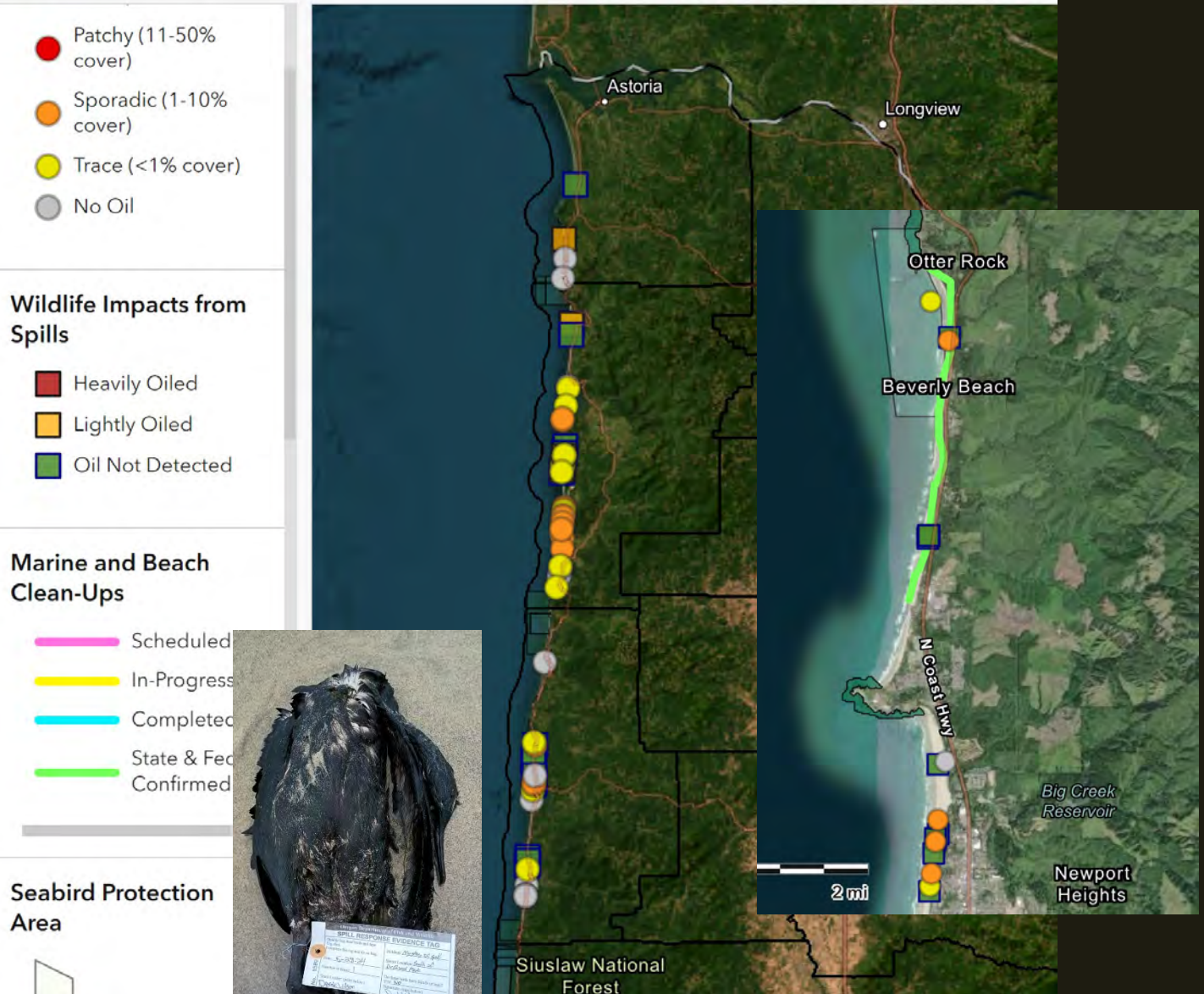
- Calibration Meetings – Pacific Strike Team and Oregon Agencies
- Coordination with California
- Waste Mgmt Issues...especially public collection and wildlife cleaning operations
- OPRD/ODFW escorts during shoreline activities
- Mapping of newly established plover nesting areas
- Coordinating with ODFW assessment contractor Focus Wildlife



5/28 Observations

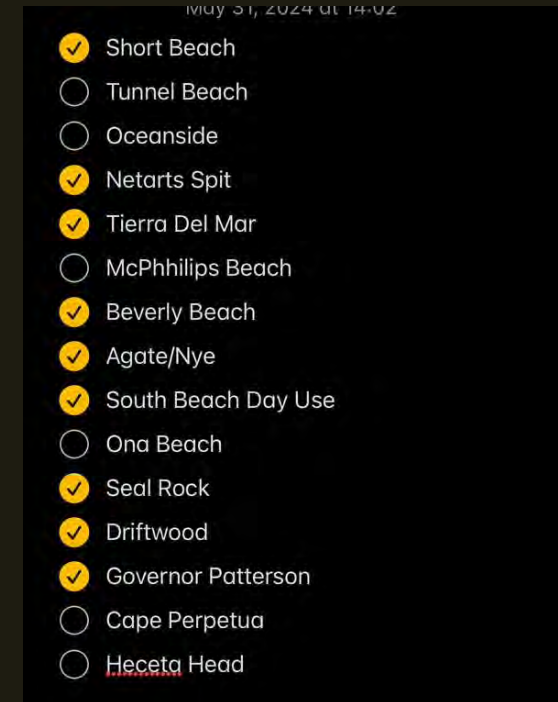
- No new observations on LBP
- Tarballs along Tillamook and Lincoln County (Sitka Sedge)...heaviest in Southern Lincoln Co.
- Cleanup of Otter Rock to Beverly Beach
- Wildlife impacts at Cannon Beach and Nehalem Spit and Driftwood Beach/Bayshore

Tarball Response COP



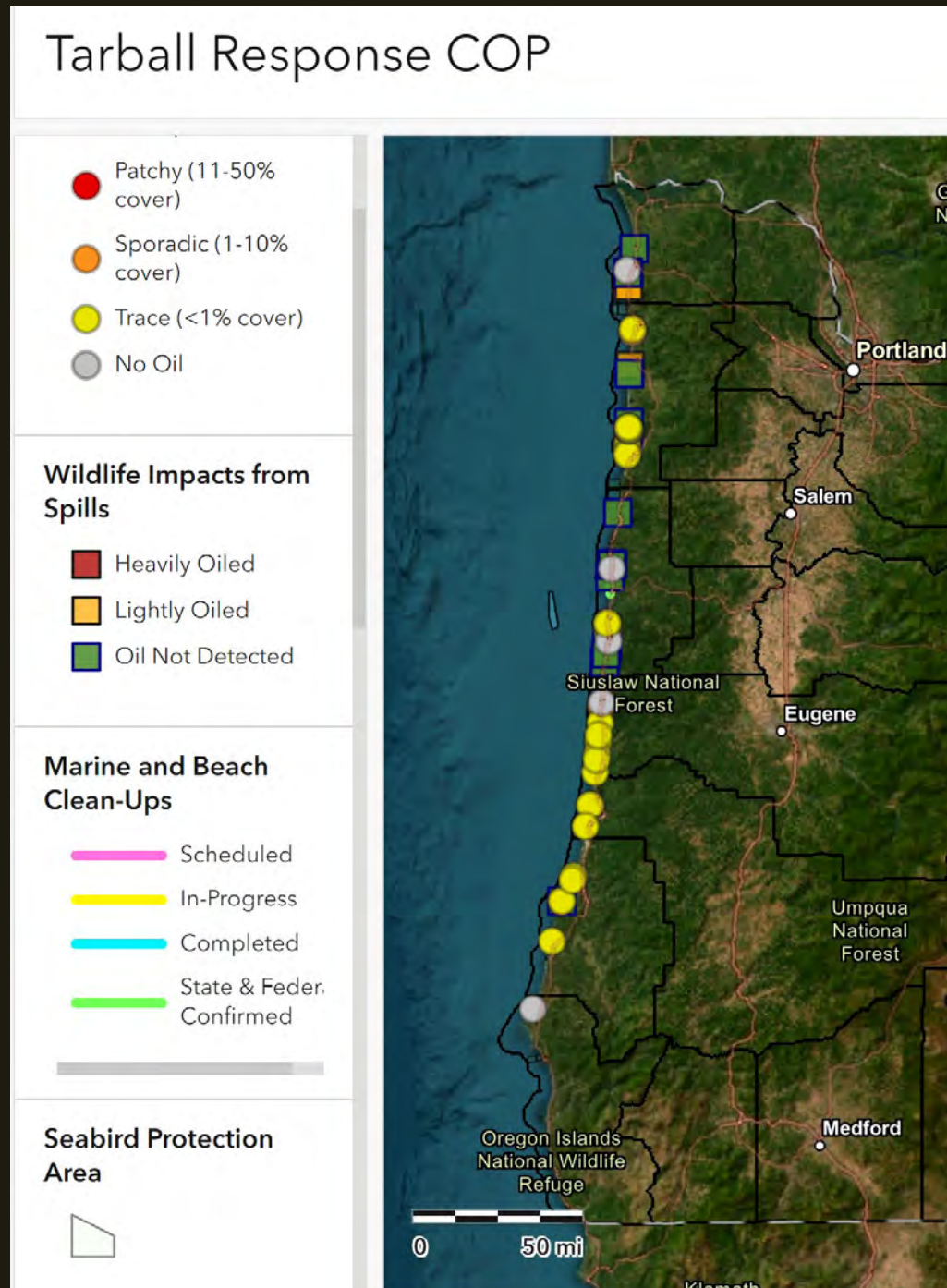
5/28 Other Action

- Cleanup Endpoints – Discussion about basis for recommendations
- Prioritized public use beaches and plover nesting beaches
- More Calibration! USCG Ops/Strike Team + NOAA + ODFW + DEQ
- Changing Operations Periods



5/29 Observations

- No new observations on LBP
- Expansion of oiling to Lane, Coos and Douglas Counties
- Cleanup of Yaquina Head to Yaquina River and Driftwood Beach to Bayshore Spit
- Wildlife impacts at Cannon Beach and Nehalem Spit continue

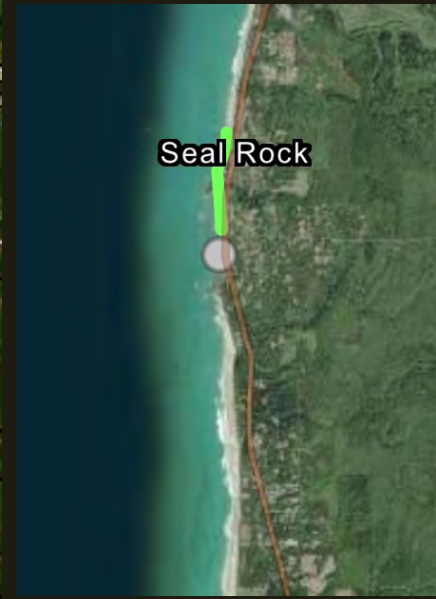
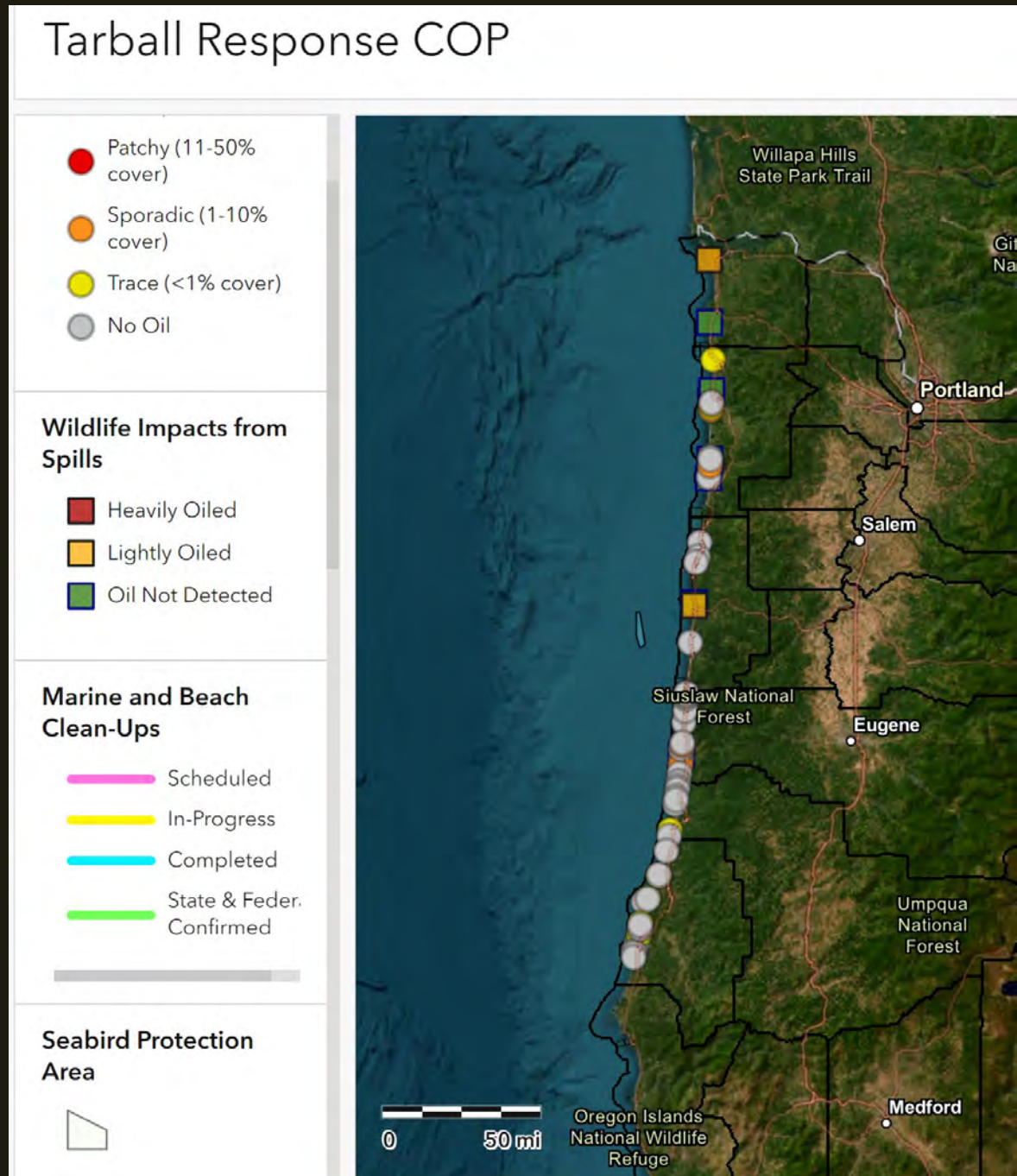


5/29 Other Action

- OHA/ODA - Shellfish safe unless visibly oiled
- Changing Critical Information Requirements – Reporting for Leading Edge of tarball deposition...a moving target led to...
- Request for additional NOAA modeling of plume...not possible
- New plover areas identified
- Additional samples for laboratory analysis submitted to lab

5/30 Observations

- No new observations on LBP
- Continued observations of oiling to Lane, Coos and Douglas Counties, sporadic observations north
- Cleanup of Seal Rock Beach (450lbs)...
- Sporadic wildlife impacts North Coast to Mid Coast



Mid-response matters...

- Change CIRs for southernmost oiling...had to be repeatedly moved further south
- Updates/Improvements to COP and create new tools to help organize/document cleanup and checkoffs that beaches were clean
- CleanSCAT™ ...created some logistical issues



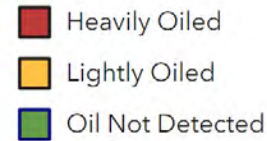
5/31 Observations

- No new observations on LBP
- No new observations in previously un-surveyed areas!
- Meetings at already cleaned areas (Neakahnie and Tierra del Mar)...clean enough?
- Limited cleanup Ops...develop Cleanup Checkoff Process..prioritize beaches
- Move CIR to Cape Blanco

Tarball Response COP



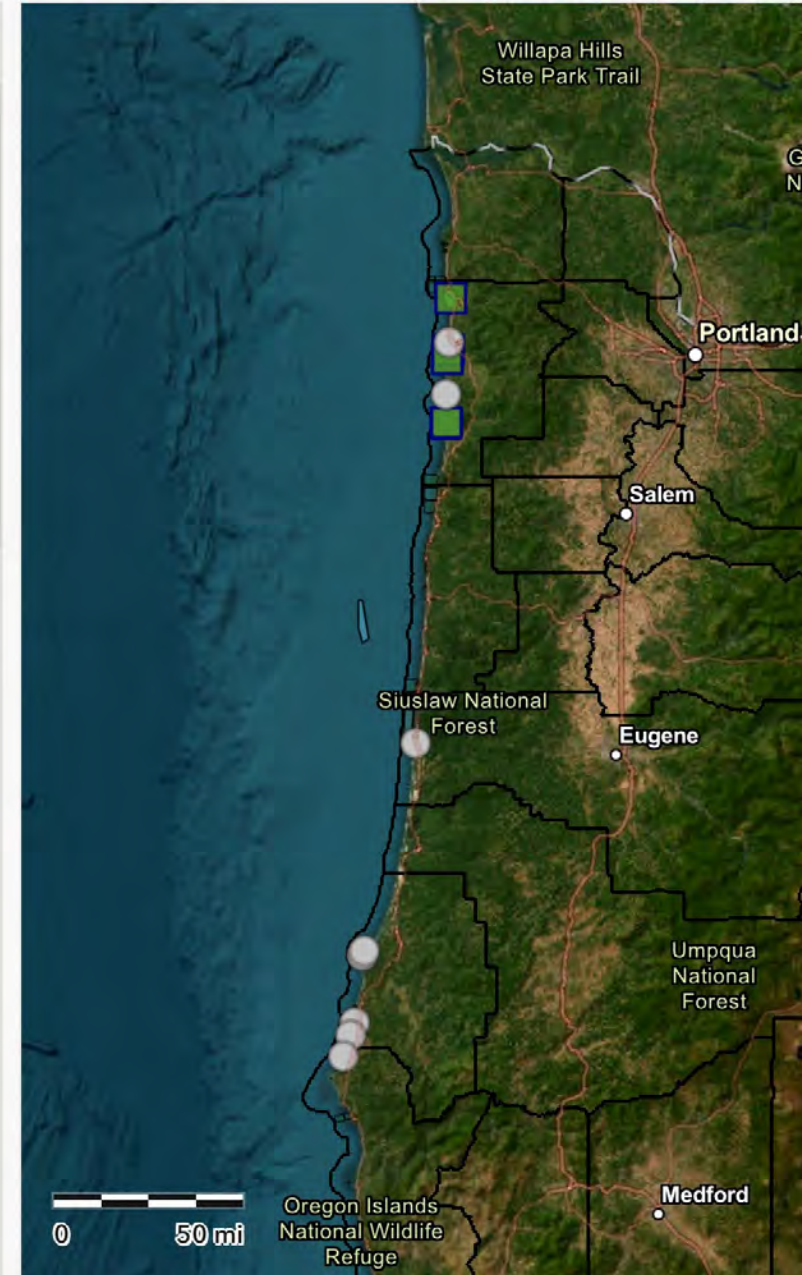
Wildlife Impacts from Spills



Marine and Beach Clean-Ups



Seabird Protection Area



6/1 Observations

- New observations on North Coast and few South Coast
- No expansion of oiling footprint
- Cleanup of Nehalem and Nestucca Spits, Short Sands Beach
- Using 2.5cm tarball standard...plover area

Tarball Response COP

- Patchy (11-50% cover)
- Sporadic (1-10% cover)
- Trace (<1% cover)
- No Oil

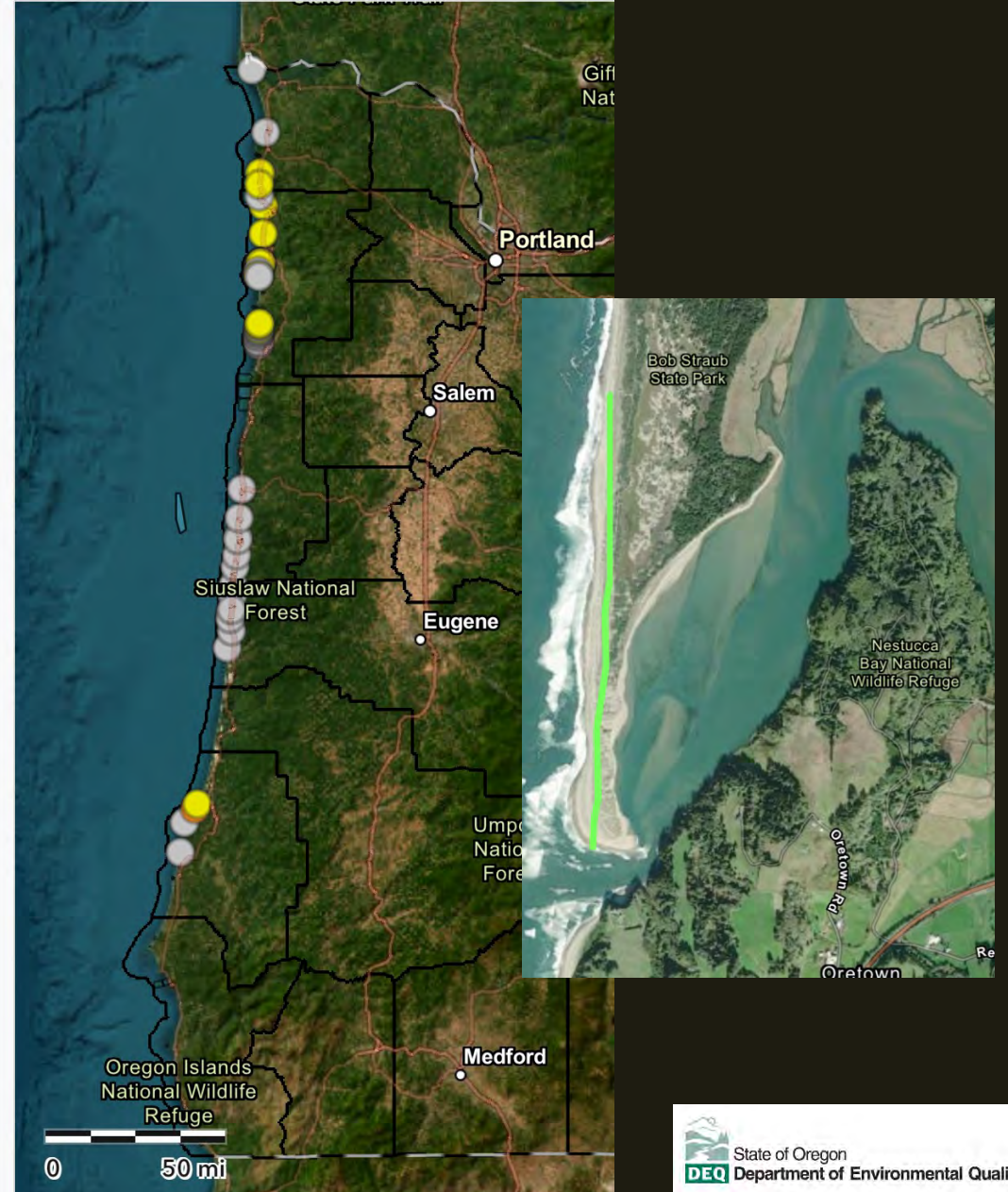
Wildlife Impacts from Spills

- Heavily Oiled
- Lightly Oiled
- Oil Not Detected

Marine and Beach Clean-Ups

- Scheduled
- In-Progress
- Completed
- State & Feder. Confirmed

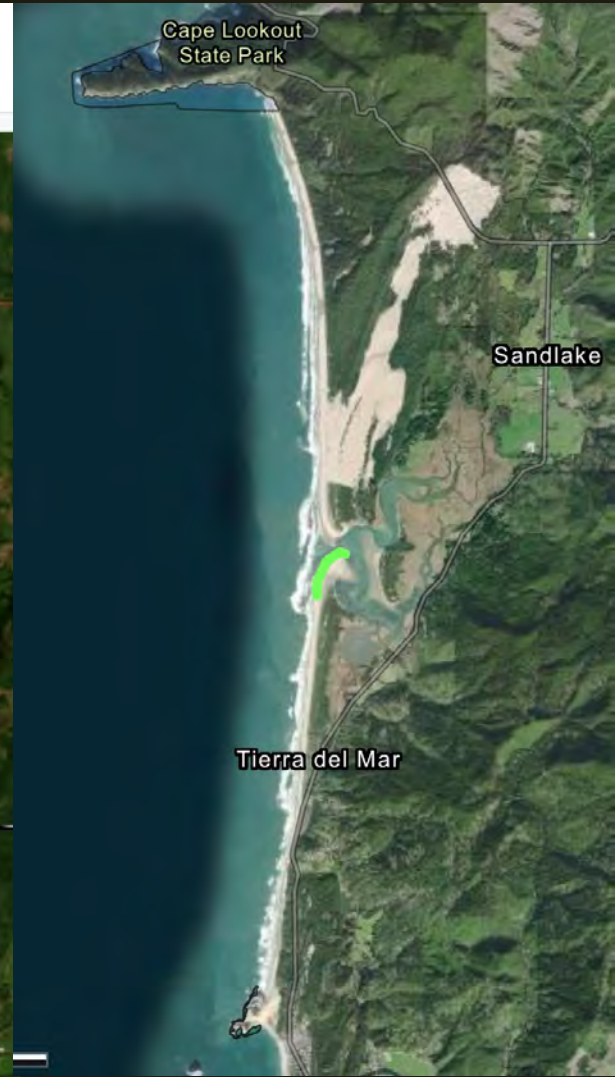
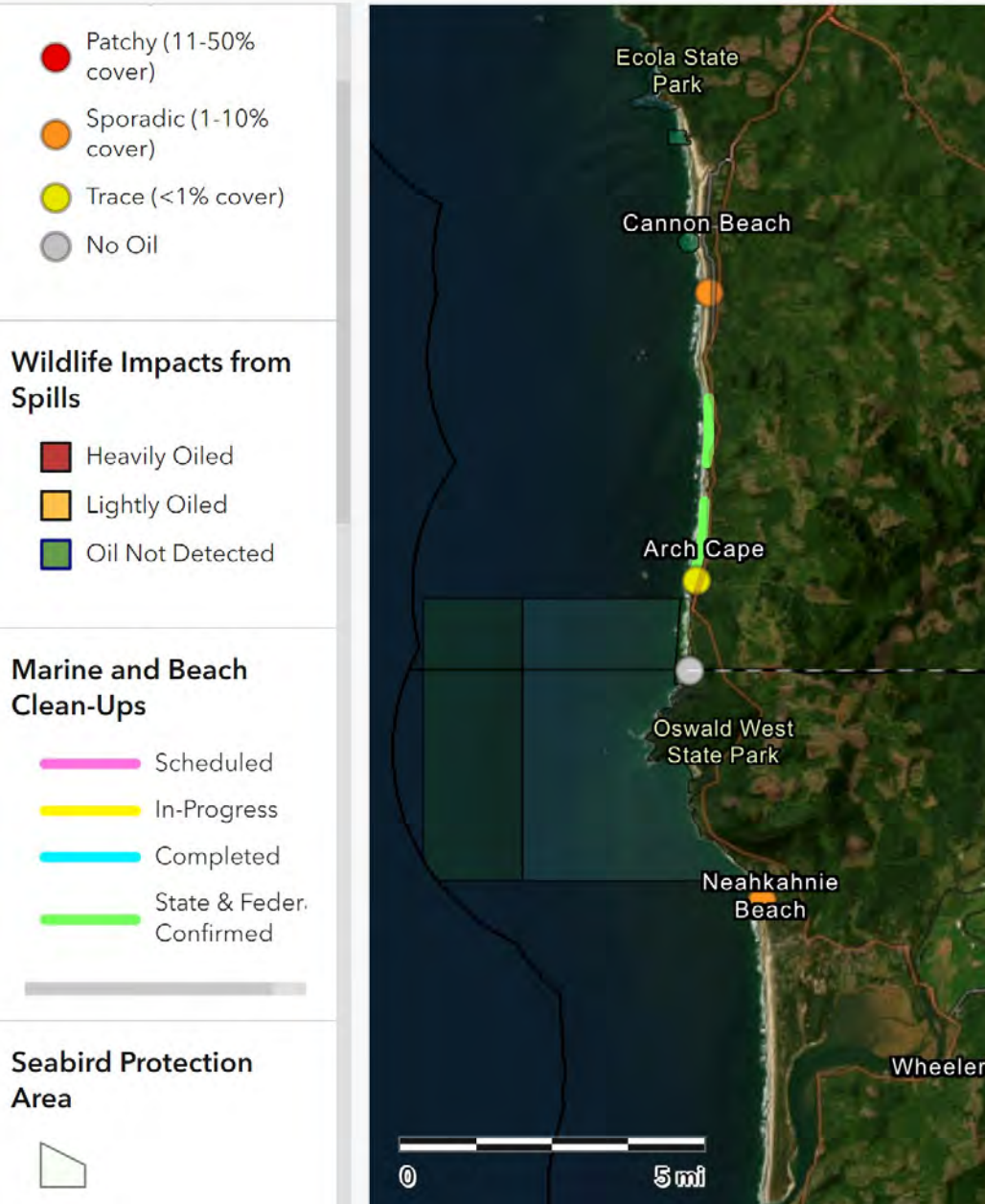
Seabird Protection Area



6/2 Observations

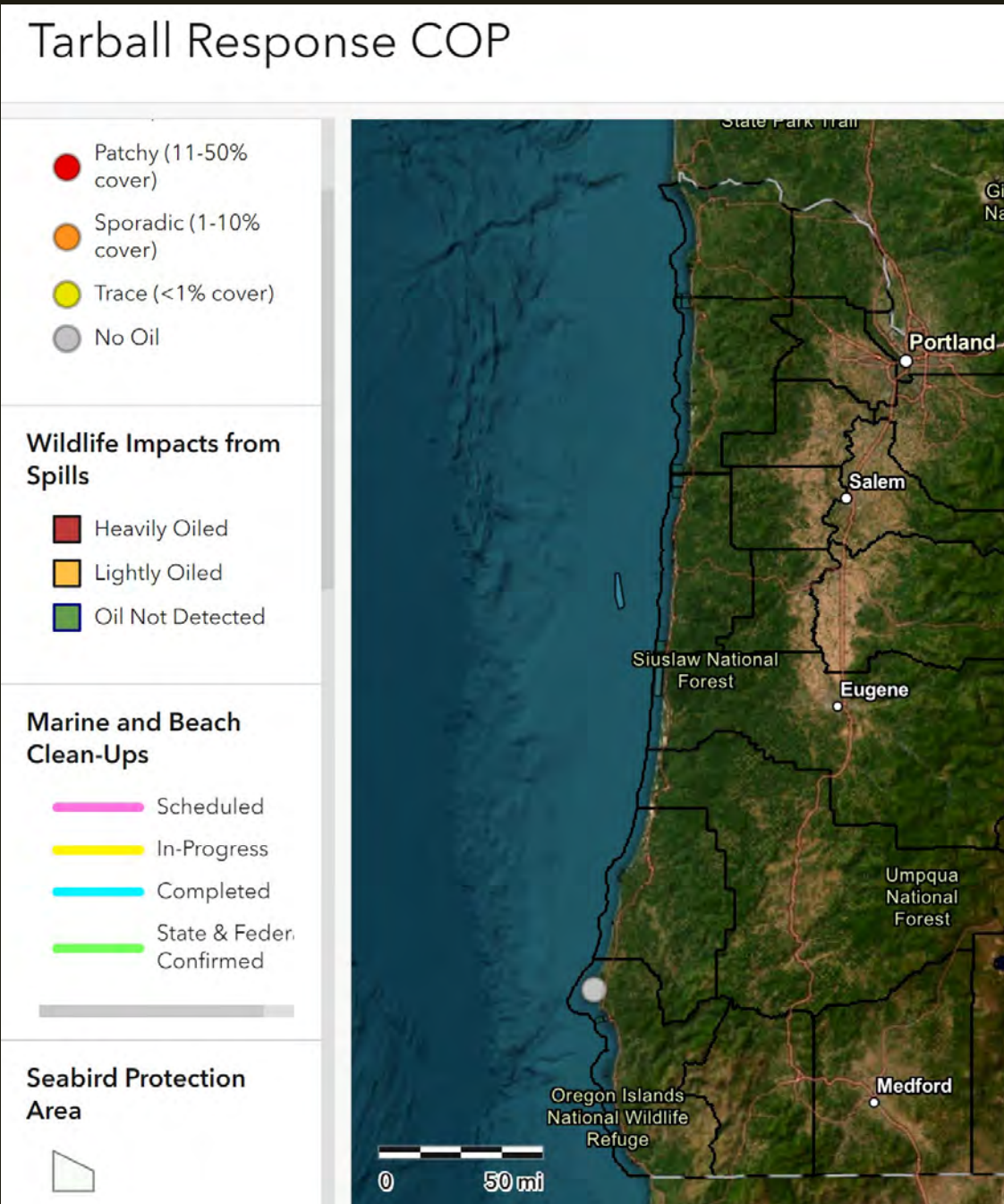
- Few new observations on North Coast
- No expansion of oiling footprint
- Cleanup Ops on Arch Cape and Tierra del Mar + Manzanita to Neakahnie Beach
- Joint Assessment Cannon Beach to Arch Cape, Short Sands, Sand Lake (TdM)

Tarball Response COP



6/3 Observations

- Few operations conducted
- Stand down for incoming storm
- Calibration with field crews
- Finalized Treatment Endpoints



6/4 Observations

- Stand down Operations for storm
- Catch up, finalize plans (WMP, STRs SCAT/priority beaches, Beach Checkoff, etc.)
- Ready for final push of cleanup... Cannon Beach/Tolovana & Neakahnie Beaches priority for cleanup

Shoreline Type: Primary - Sand Beaches Secondary - Exposed Rocky Shores

Oiled Areas for Treatment:

- Prioritized list provided by EU

Cleanup Recommendations:

- Minimize removal of oiled wrack. A
 - affected areas while leaving clean wrack
 - Use the clippers to break apart if can't cut through the driftwood, knife and coat the residue with s

Cleanup Endpoints:

- **For Plover Areas (all nesting and I)**
 - Remove all tar balls from beach
 - Any wrack that has been oiled, sl
 - Maximum of 2 people in Plover branch (designated Plover SME) to monitor and direct cleanup op
 - Goal is no observable oil
 - Review attached documents: BM
- **For High Use Public Beaches (Tier**
 - Remove tar balls from beach that
 - Any wrack that has been oiled, sl
 - No tar balls greater than 2cm x 2
 - OPRD Staff to monitor and direc
- **For Rocky Shores/ Pocket Beaches**
 - TBD
 - No observations to date
- **For areas with Tribal interests, co**
 - EU will work with Tribes to dev

Staging and/or Logistics Constraints/V

- Refer to response policies and guida
- Staging and beach access from existi

Ecological Concerns:

- Snowy plover and other wildlife – R Wildlife branch as appropriate. BMI guidelines for dealing with Snowy P Environmental Unit will prioritize b presence or absence of Snowy Plove

Incident Waste Management and Disposal Plan

Incident Name	WA/OR Mystery Oiling Event 2024
Responsible Party	Unidentified
Spilled Material	Crude Oil
Spill Location	Pacific Ocean NW of Longview Peninsula Washington
Spill Date/Time	Unknown
Spill Source	Unknown

This plan is written at the request of the Incident Command. The maximum feasible amount of oil spilled during the incident will be recovered. In addition an unknown quantity of oily waste debris (including debris, sediment, etc.) will be recovered. All applicable state, local, and federal laws and regulations will be followed when recycling or disposing of the recovered material. Disposed material will be tracked to provide an accurate means of estimating total oil recovered. All materials will be categorized, segregate or disposal. Materials disposed or recycled n

This plan may be amended or updated as needed. Amendment r OSC (USCG/EPA), a

Waste Management an

Approved by USCG/EPA

Approved by WDOE/OD

Approved by Responsib

Submitted for approval

The Disposal Plan has been incorporated into the Inci the Operations Section will

Incident Name: WA-OR 1

Beach No	Division Name	Alias	North End Coord (Lat)	North End Coord (Long)
1	Cannon Beach		45.91327	-123.972563
2	Arch Cape Beach		45.79955	-123.969283
3	Short Sands Beach (C Smuggler's Cove		45.76392	-123.97057
4	Neakahnie Beach		45.72852	-123.946064
5	Rockaway Beach		45.65205	-123.94344
6	Cape Meares Spit		45.56377	-123.953781
6.6	Short Beach		45.48187	-123.97072
6.8	Tunnel Beach		45.46542	-123.97448
6.9	Oceanside			
7	Netarts Spit		45.43403	-123.959333

Beach name	Date Cleaned	Plover Hab	Includes				Meeting location	Comment
			DEQ Rep	OPRD Rep	ODFW Rep	USCG Rep		
North Division (about 9 miles)								
8,7								
12	Crescent/Campbell	26-May No	Kyrion Gray	Ben Cox	rely on DEQ/OPRD			
13	Cannon	24-May No	Kyrion Gray	Ben Cox	rely on DEQ/OPRD			Notify Ben Cox when at Tolovana
14,2	Tolovana	24-May No	Kyrion Gray	Ben Cox	rely on DEQ/OPRD			
14,6	Arctadia	2-Jun No	Kyrion Gray	Ben Cox	rely on DEQ/OPRD			
14,6	Hug Point	2-Jun No	Kyrion Gray	Ben Cox	rely on DEQ/OPRD			
14,8	Arch Cape	26-May No	Kyrion Gray	Ben Cox	rely on DEQ/OPRD			
15								
North Central Division (about 5 miles)								
16,1	Short Sands Beach (Oswald West State Park)	26-May No	Cassandra Lundy	Brian Dodge	rely on DEQ/OPRD			Brian Dodge (OPRD) is Plover monitor
17	Neakahnie Beach	26-May No	Cassandra Lundy	Brian Dodge	rely on DEQ/OPRD			Brian Dodge (OPRD) is Plover monitor
17	Manzanita	26-May Yes	Cassandra Lundy	Brian Dodge	rely on DEQ/OPRD			Brian Dodge (OPRD) is Plover monitor
25	Nehalem Spit	26-May Yes	Cassandra Lundy	Brian Dodge	rely on DEQ/OPRD			Brian Dodge (OPRD) is Plover monitor
Central Division (about 8 miles)								
	Sitka Sedge	31-May Yes	Brandon Bertlesen	Simon Freeman	rely on DEQ/OPRD			
	Tierra del Mar	?	No	Brandon Bertlesen	Simon Freeman	rely on DEQ/OPRD		
	Cape Kiwanda (North of Cape Kiwanda)	?	No	Brandon Bertlesen	Simon Freeman	rely on DEQ/OPRD		
South Central Division (about 9 miles)								
	Beverly Beach (Otter Rock to Yaquina Head)	28-May No	Dylan Eckert		rely on DEQ			Wade Creek best access, Dylan Anderson (OPRD)
	Agate/Nye (Yaquina head to North Jetty Yaquina)	29-May Yes	Dylan Eckert		rely on DEQ			Need Plover monitor (ODFW)
South Division (about 4 miles)								
Potential at								
Notes	Seal Rock	30-May No	Anthony Chavez		rely on DEQ			Dylan Anderson (OPRD) best access info
	Driftwood/Bayshore	29-May Yes	Anthony Chavez		rely on DEQ			Need Plover monitor (ODFW)
Note: Teams to determine in the field using the COP, where plover habitat is and where the 1 cm x 1 cm x 100 meter standard will be used All non plover beaches will received the 2 cm x 2 cm x 50 meter standard								

6/5 Observations

- Field cleanup operations...last big push
- ...final checkoff of some beaches
- False positive near Smith River in California
- Last observed wildlife

Tarball Response COP

- Patchy (11-50% cover)
- Sporadic (1-10% cover)
- Trace (<1% cover)
- No Oil

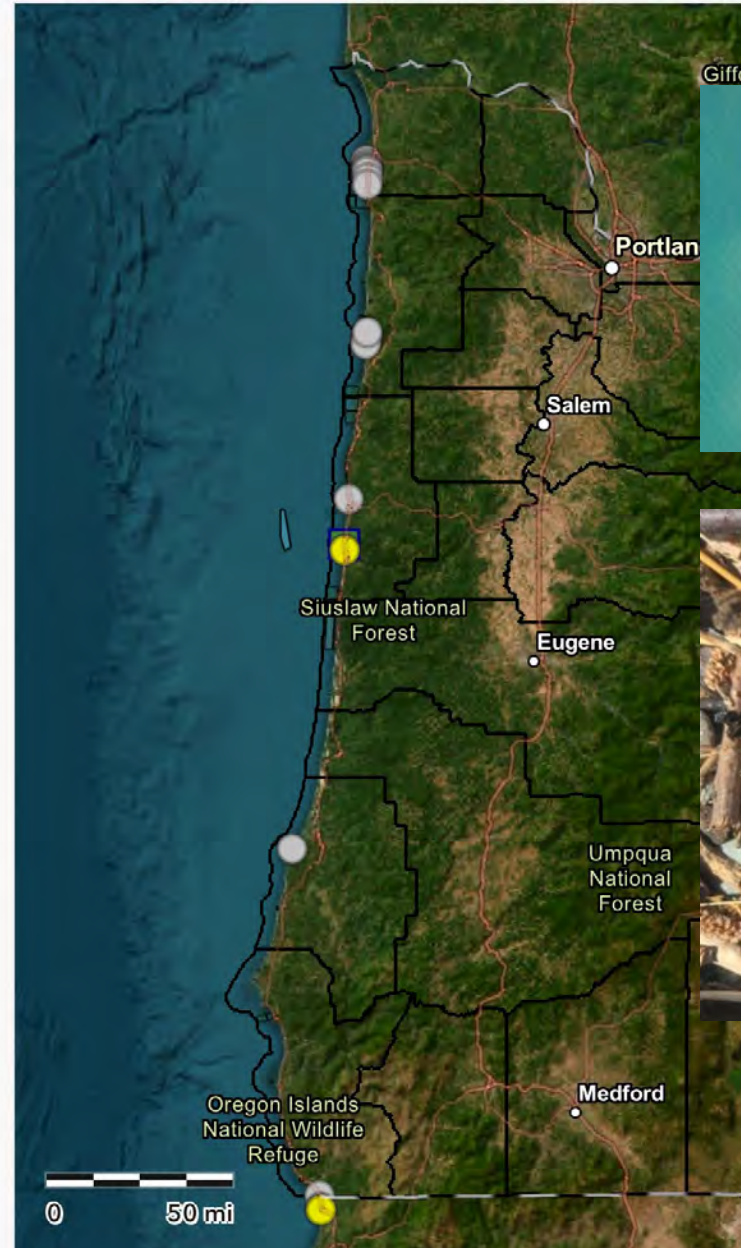
Wildlife Impacts from Spills

- Heavily Oiled
- Lightly Oiled
- Oil Not Detected

Marine and Beach Clean-Ups

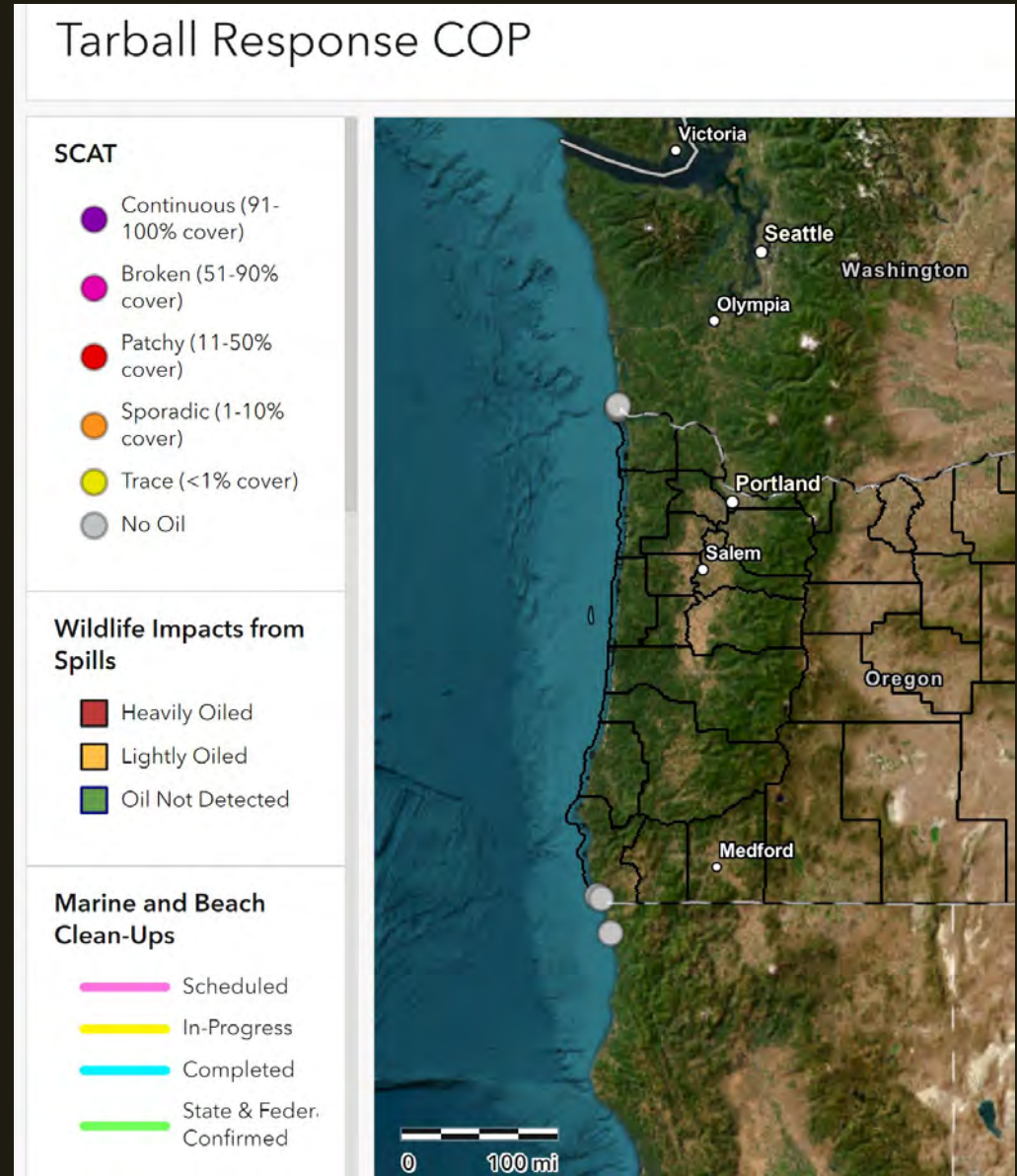
- Scheduled
- In-Progress
- Completed
- State & Feder. Confirmed

Seabird Protection Area



6/6 Observations

- Few operations conducted
- Final beach cleanups and check offs completed...but documentation not in COP
- Arrangements for final waste disposal made
- UC Stood down 6/7



Summary Statistics

- Over 300 miles of shoreline in southern Washington, Oregon, and northern California was surveyed for oil and oiled wildlife, including almost the entirety of the Oregon shoreline
- More than 35 miles of shoreline oiled with tar balls was cleaned, specifically 30 miles in Oregon and 5 miles in southern Washington
- Total beach miles surveyed and cleaned: More than 300 miles surveyed and 36 miles cleaned in Oregon and Washington
- Total oily debris collected: Nearly 2,000 pounds (almost a ton) across Oregon and Washington

	Dead	Alive	Total
Birds	69	2	71
Marine Mammals	5	0	5
Terrestrial Mammals	1	0	1
Invertebrate	12	0	12
Fish	1	0	1
Total	88	2	90

A partnership in response...100+ people & 25+ agencies, tribes, companies and USCG involved

- U.S. Coast Guard – Sector Columbia River, Pacific Strike Team, National Pollution Fund Center
- National Oceanic and Atmospheric Administration Office of Response and Restoration
- U.S. Fish and Wildlife Service
- Tolowa Dee Ni Nation
- Shoalwater Bay Tribe
- Confederated Tribes of the Coos Lower Umpqua and Siuslaw Indians
- Coquille Indian Tribe
- Oregon Department of Environmental Quality
- Oregon Department of Fish and Wildlife
- Oregon Department of Emergency Management
- Oregon Parks and Recreation Department
- Oregon Department of Human Services
- Oregon Department of Forestry
- Oregon Department of Transportation
- Washington Department of Ecology
- Washington Department of Fish and Wildlife
- Washington State Parks and Recreation Commission
- Pacific County Emergency Management Agency
- California Department of Fish and Wildlife
- Terminus
- Focus Wildlife
- NWFF Environmental
- Republic Services
- Ballard Marine Construction
- Others...probably many others in fact...

After Action Review

- DEQ contracted with Terminus (supplier of the response platform) to conduct an After Action Review
- The AAR review aims to capture lessons learned and make recommendations to enhance future response capabilities and operations
- The AAR process included analysis of documentation and logs, Unit and Section hotwash meetings (8) and individual interviews
- The AAR is being finalized and will be made available soon...

Some other bits...

- Establish Cleanup Endpoint Recommendations as NW Policy before the next incident, use MOE event as starting point
- Get better at deploying and using GIS to support all parts of ICS (training, practice, use)
- West Coast Repository for Samples...samples from MOE are on ice at California Dept. of Fish and Wildlife's Laboratory

How GIS was used to support the response...

- Alyssa Leidel – GIS Specialist on borrow from Drinking Water Program for the response...

Title VI and alternate formats

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Contact: 800-452-4011 | TTY: 711 | deqinfo@deq.state.or.us

**Northwest Area Committees Meeting
24 September 2024 – Florence, OR
Sign In Sheet**

Name	Agency/Affiliation	Email	Add to NWAC List Serve?
Hilary Gaffard	EPARIO START	/	N
JASE Brooks	WA Ecology	jase.brooks@ecy.wa.gov	N
MIKE RUSHANZ	USCG	Michael.T.Rushanz@USCG.mil	Y
JUSTIN NOGLE	USCG	JUSTIN.W.NOGLLE@USCG.mil	N
BONNIE STEWART	USCG	bonnie.m.stewart@uscg.mil	N
Greg Buie	USCG NPFC	Gregory.W.Buie@uscg.mil	N
Geoff Brown	DEQ	geoff.brown@deg.oregon.gov	Y
Randy Mattis	EPA	Mattis.Randy@EPA.gov	Y
MARK GREGORY	USCG D11	MARK.G.GREGORY@USCG	N
Gus BANNAN	USCG DU	AUGUSTUS.J.BANNAN@uscg.mil	N
Erica Bates	WA Ecology		
Paul Van Der Bosch	CITES	Cleanharbors.com vanderbosch.paul@	N
Matt Solum	NOAA/WWS	matt.solum@noaa.gov	
Jamie Waterman	USCG D13	Jamie.n.waterman@uscg.mil	Y
Holly Robinson	Gallagher Marine Systems.	hrobinso@gallagher marine.com.	

Name	Agency	Email	Add to List Serve.
Jacob Haas	USCG	Jacob.j.haas@uscg.mil	✓
Kevin Chan	ODEQ	Kevin.Chan@deg.oregon.gov Kevin.Chan@deg.oregon.gov	1
Ian Thompson	USCG	Ian.J.Thompson@uscg.mil	1
Dan Giles	OSFM	dan.giles@osfm.gov	Yes
Mike Szumski	USFWS	mike_szumski@fws.gov	Yes
ARROW MAGGERS	NOAA	ARROW.MAGGERS@noaa.gov	Yes
Kyle Vincent	NOAA	Kyle.vincent@noaa.gov	yes
Jacqueline Hunnicutt	USCG	Jacqueline.Hunnicutt@uscg.mil	1
Rich Hosmer	OSFM	Richard.hosmer@osfm.oregon.gov	✓
ANDY CONNOR	USCG D3	andrew.v.connor@uscg.mil	ON IT.
Rick Fehan	EPA	Rick.Fehan@epa.gov	✓
Bryan Alexander	EPA	bryan.alexander@epa.gov	✓
Beth Sheldrake	EPA	Sheldrake.beth@epa.gov	✓
Kimberlee Van Patten	DEQ	KimberleeVanPatten@deg.oregon.gov	✓
Charles Kennedy	ODEQ	charles.kennedy@deg.oregon.gov	✓ yes
Armando Martinez	CTCLUSI	amartinez@ctclusi.org	Yes
Rainer Lührs	Stillaguamish Tribe	Rluhrs@stillaguamish.com	
Don Pettit	ODEQ	don.pettit@deg.oregon.gov	✓

