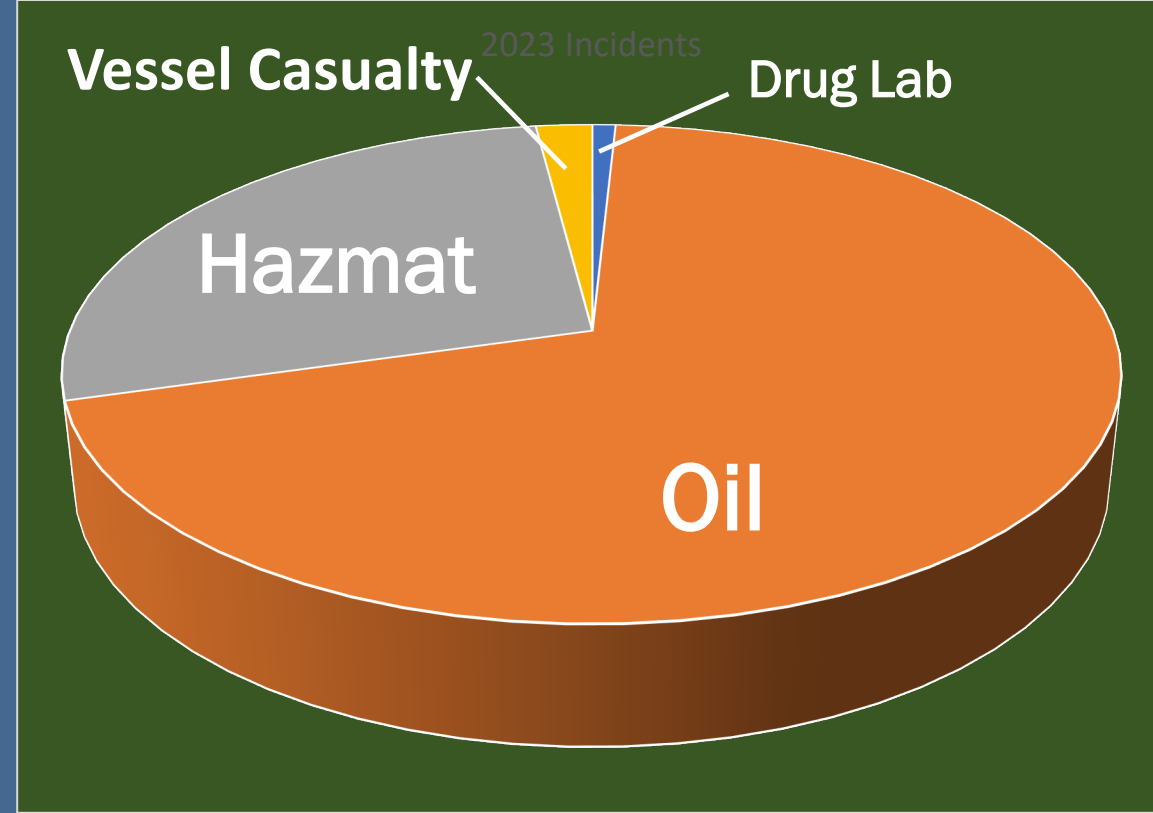


Oil	3,187
Hazmat	1,253
Vessel Incident	93
<u>Drug Lab</u>	<u>38</u>
	4,571

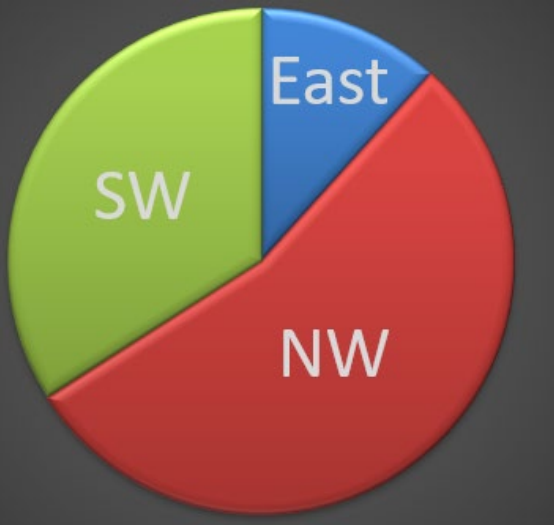


# Response Section

Spills Prevention, Preparedness, and Response Program

# Incidents Reported by County

County	2024	2023	County	2024	2023
King	1586	1441	Island	40	50
Pierce	542	573	Walla Walla	29	25
Snohomish	323	332	Kittitas	28	33
Whatcom	261	241	Pacific	27	51
Kitsap	211	198	Chelan	26	24
Clark	192	196	Franklin	26	24
Spokane	147	116	Columbia	22	15
Thurston	135	165	Klickitat	20	17
Skagit	122	121	Stevens	15	18
<b>Vessel</b>	<b>94</b>	<b>73</b>	Okanogan	14	8
Yakima	73	130	Pend Orielle	12	12
Grays Harbor	70	84	Whitman	11	14
Cowlitz	67	88	Douglas	10	7
Jefferson	60	74	Wahkiakum	7	8
Lewis	54	60	Lincoln	6	4
San Juan	51	32	Adams	5	8
Benton	50	29	Asotin	4	1
Clallam	47	64	Skamania	4	13
Grant	42	44	Ferry	0	4
Mason	41	49	Garfield	0	4



# Statewide Responder Staffing

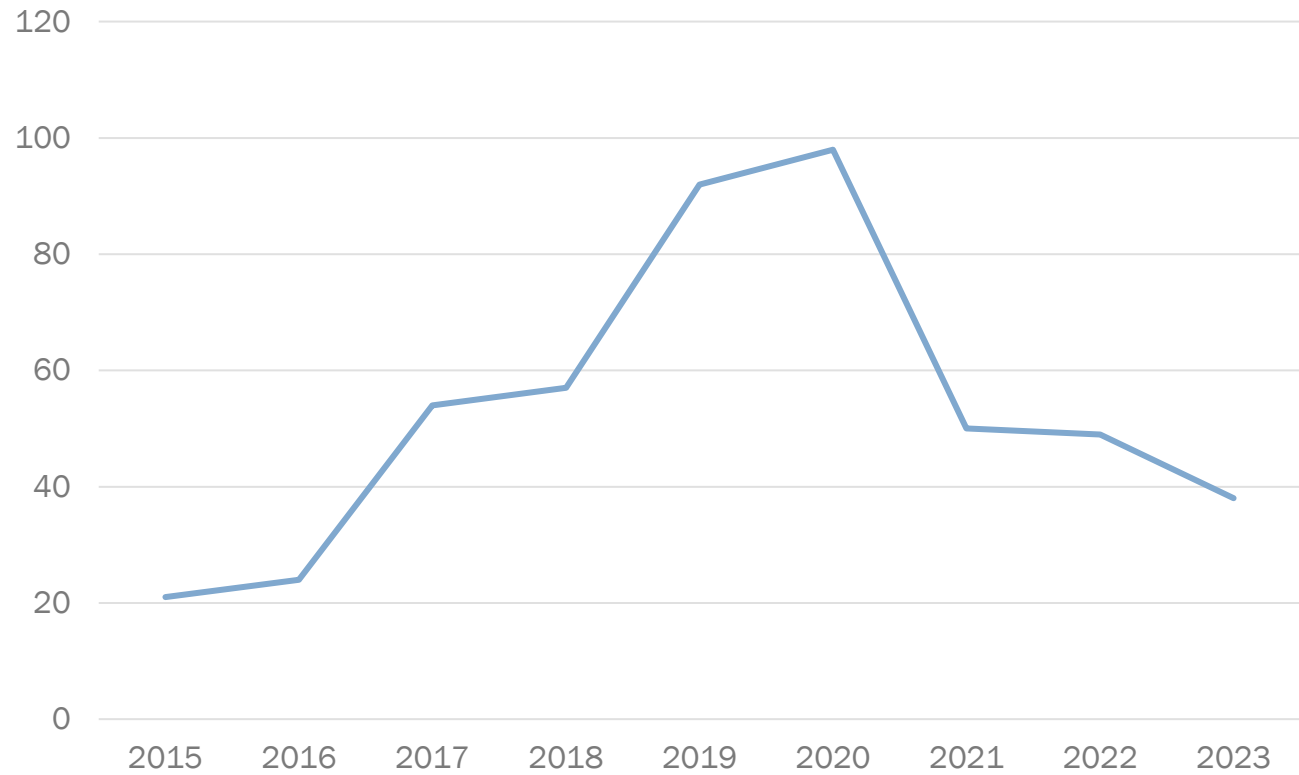


# Illegal Drug Production



# Illegal Drug Manufacturing Facilities

Drug Labs per Year  
2015 to 2023



# Illegal Drug Manufacturing Facilities

## 49 Illegal Drug Manufacturing Facilities

- Evidence Disposal - 4
- Meth Lab – 7
- BHO Extraction – 1
- Illegal Cannabis Grow – 19
- Fentanyl – 6
- Other\* – 1

\*DMT, MDMA, Cocaine, Anabolic Steroid, etc.





# Dangerous Waste Management

- Drug Lab Waste (2.5 tons) removed in 2023
- Response Section has a full-time Dangerous Waste manager





# Five Most Expensive Recent Incidents

## State-Funded Response Actions

Spill Date	Incident	Total
Sept. 14, 2023	Walla Walla Gasoline	2,255,979
July 19, 2023	Minnie Creek, Cheney	800,604
Dec. 10, 2023	Olympic Pipeline, Conway	562,416
Dec. 22, 2022	Crystal Creek, Roslyn	102,195
Aug. 30, 2023	Black River, Renton	32,832
	<b>Total</b>	<b>3,754,026</b>



# Fuel Tank Truck Crash

Colfax  
Jan 15, 2023



# Tug TULALIP Sinking and Spill

## Lopez Island

### February 22, 2023

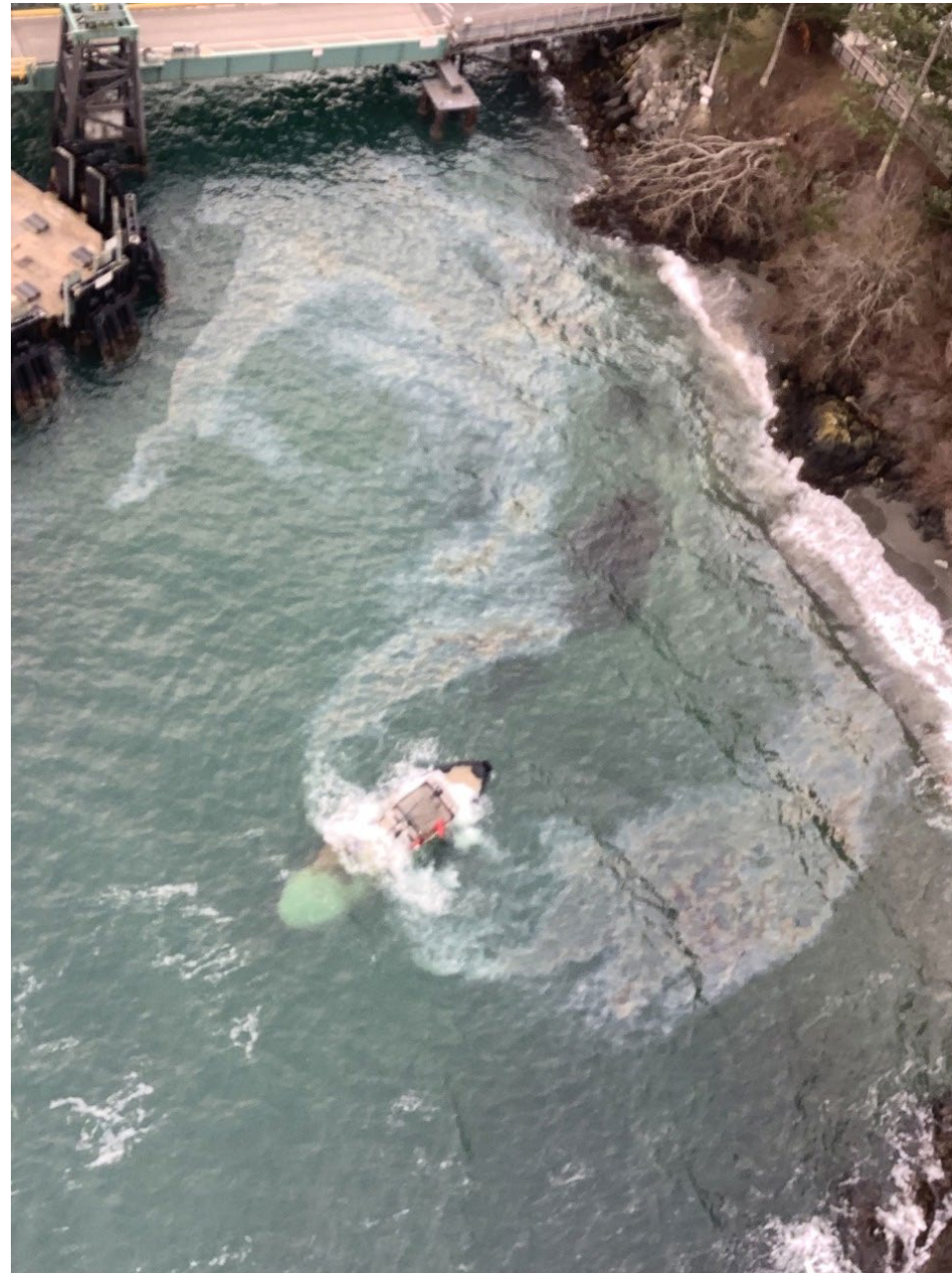


Photo: Courtesy USCG





Photo: Courtesy IOSA



Photo: Ecology

# Fuel Tank Truck Crash

Lacey  
Mar 13, 2023



# Anacortes Derailment

Anacortes  
Mar 16, 2023







SS-01	
Analyte	Surface
DRO	< 25
HO	< 50
Benzene	< 0.005
Toluene	< 0.010
Ethylbenzene	< 0.010
Xylenes	< 0.020
Naphthalene	
cPAHs	

SS-02	
Analyte	Surface
DRO	< 25
HO	< 50
Benzene	< 0.005
Toluene	< 0.010
Ethylbenzene	< 0.010
Xylenes	< 0.020
Naphthalene	
cPAHs	

SS-03	
Analyte	Surface
DRO	< 25
HO	< 50
Benzene	< 0.005
Toluene	< 0.010
Ethylbenzene	< 0.010
Xylenes	< 0.020
Naphthalene	
cPAHs	

SS-04	
Analyte	Surface
DRO	< 25
HO	< 50
Benzene	< 0.005
Toluene	< 0.010
Ethylbenzene	< 0.010
Xylenes	< 0.020
Naphthalene	
cPAHs	





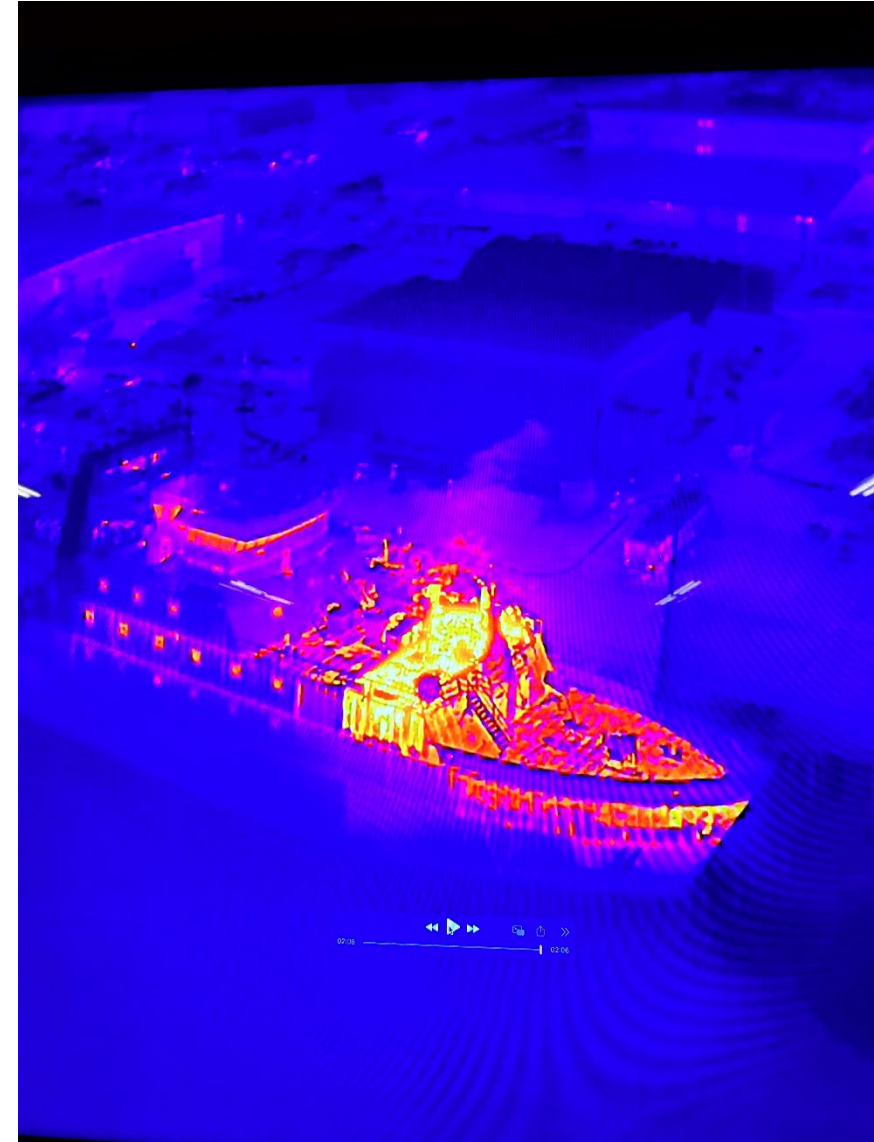
TPH-Gx		Analyte	Screening Value (ug/kg)
B	T	TPH-Gx: Total Petroleum Hydrocarbons – Gasoline Range	30,000
E	X	B: Benzene	30
		T: Toluene	7,000
		E: Ethylbenzene	6,000
		X: Xylenes	9,000
		Below screening value	Above screening value

**Soil Boring Grid**

- 00-N/A
- 01 - Pending Excavation
- 02-Pending Headspace and Sample Collection
- 03-Ready for Backfill
- Operational Division

# Kodiak Enterprise Fire

Tacoma  
Apr 8, 2023



# Minnie Creek Diesel Spill

Cheney  
July 19, 2023



Underground  
Above-ground  
Tanks





# Pacific Producer

Tacoma  
Aug 13, 2023



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**OGY**  
ashington



# Black River Vegetable Oil Spill

Renton  
August 30, 2023



# Natural Area Surrounded by Industry



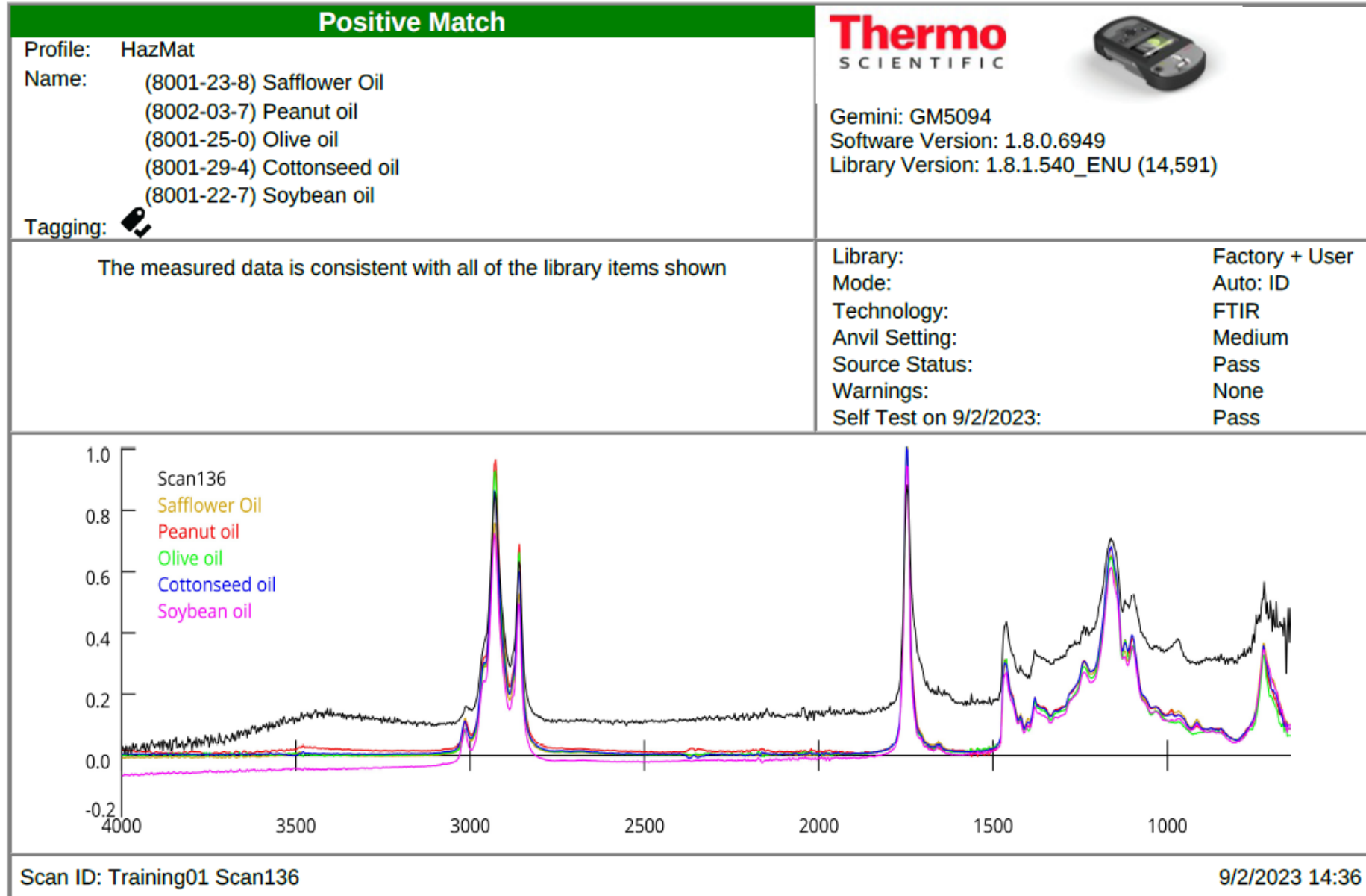




# Illegal Dumping

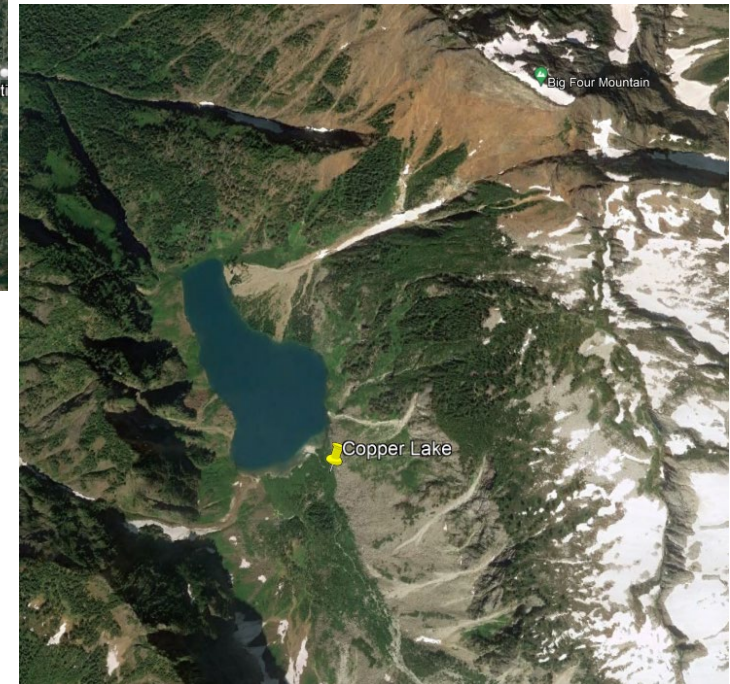
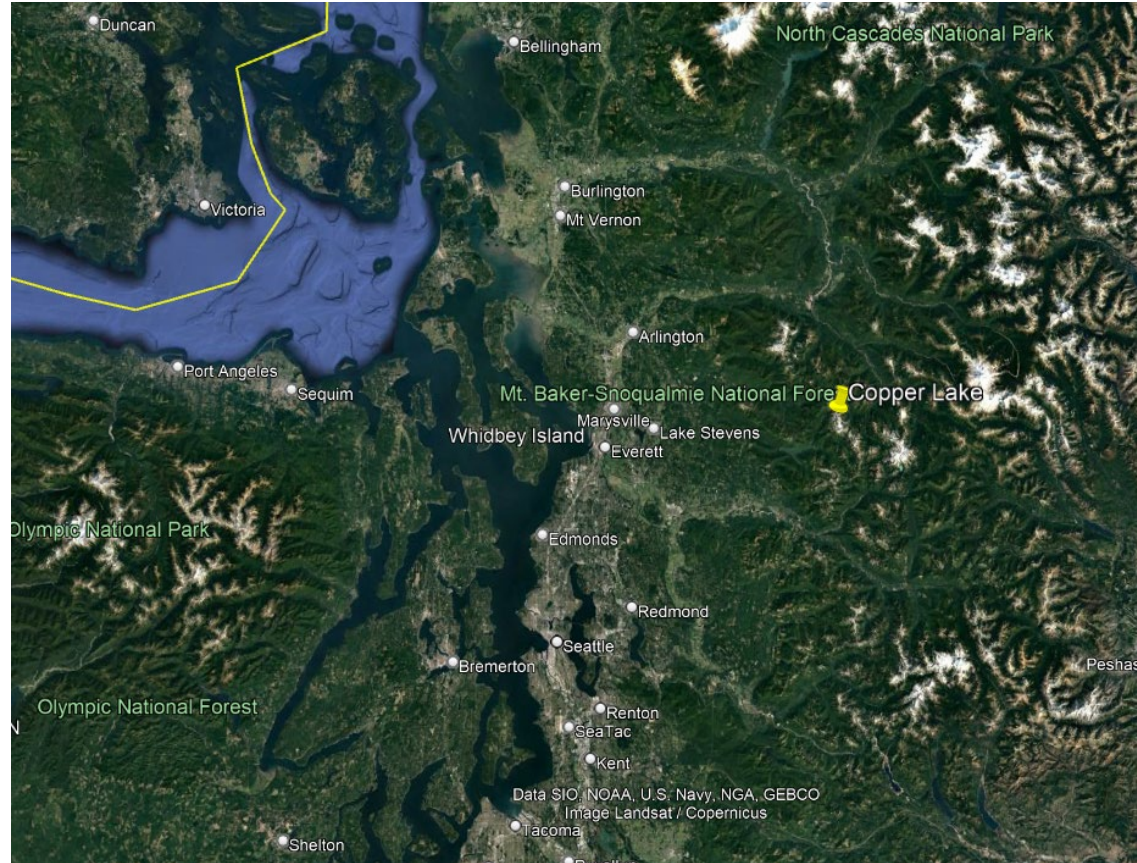
# FTIR Field Analysis

## Cooking Oil



# Copper Lake Helo Crash

Mount Baker Nat. Forest  
Sept. 8, 2023



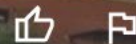


# Walla Walla Gasoline Plume

Walla Walla  
Sept. 14, 2023



light







Sanson  
Ave.  
Fentanyl  
Manufacturing

Spokane  
Nov. 30, 2023





# OPL Gasoline Release

Mount  
Vernon  
Dec 10, 2023









# SSB 6164

- CEMPs must include: expeditious notification of citizens who can reasonably be determined to be at risk during a hazardous material spill or release
- For Type 1 or 2 incidents: Ecology must provide for one public meeting.
  - Provide for remote participation
  - May be held jointly with county's regular meeting
  - Must include
    - Ecology
    - Local organization or emergency management
    - Responsible Party

# Inland Empire Paper

Spokane  
Dec 26, 2023



Downriver Fish  
Kills...

Coincidence?



# Lithium Batteries

## SSB 5812 Electric Vehicle Fires – Study - WSP

- Impacts to environment, health to responding firefighters
  - Best practices for fire response
  - Best practices for clean-up and disposal
- 
- Call Ecology Immediately
  - Disposal is complicated





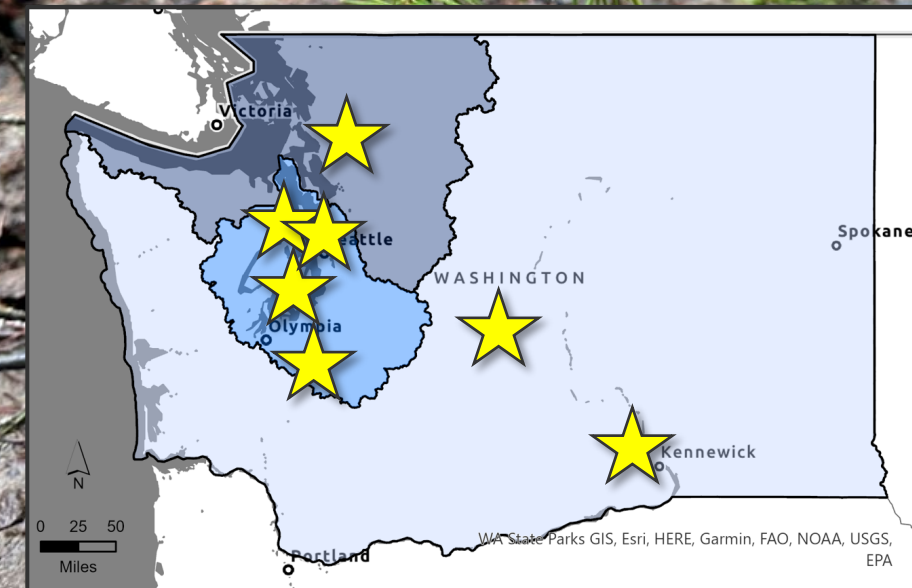
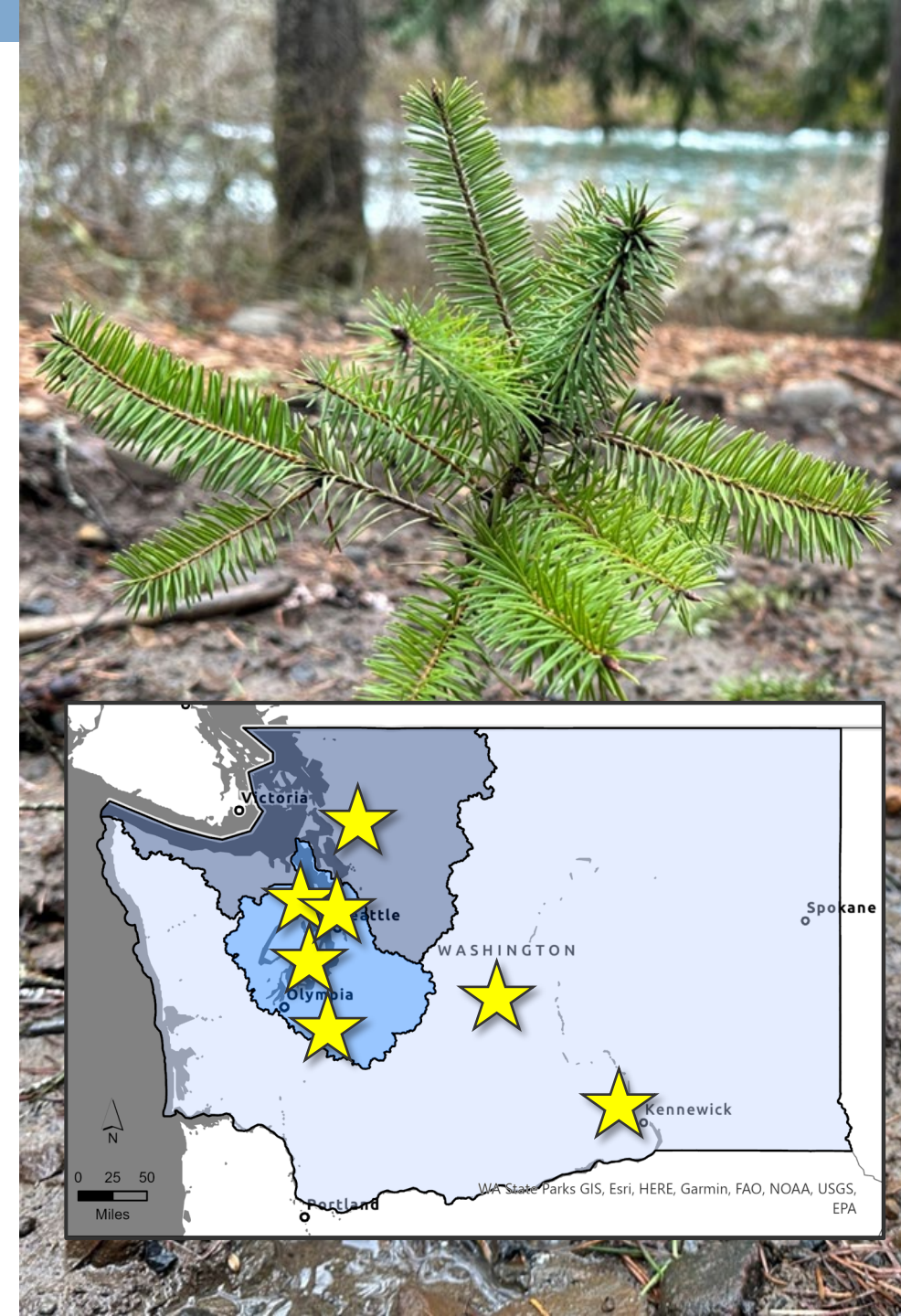
# Natural Resource Damage Assessment and Coastal Protection Fund Restoration Grants



# Restoration

Over \$318,000 of penalty funds and NRDA claims awarded to restoration projects statewide

Project	Recipient	Funding
Mercer Creek Streambank Restoration	Mid-Columbia Fisheries Enhancement Group	\$49,992.00
Habitat Management on the Lower Yakima River	Benton Conservation District	\$47,606.00
Henderson Bay Armor Removal and Shoreline Restoration	Pierce Conservation District	\$50,000.00
North Kitsap Derelict Fishing Gear Removal Project	Port Gamble S'Klallam Indian Tribe	\$50,000.00
Saint Edward State Park Shoreline Restoration	Washington State Parks and Recreation Commission	\$50,000.00
Lower Horn Creek Fish Passage	South Puget Sound Salmon Enhancement Group	\$25,000.00
Hart Slough Restoration	Skagit County - Public Works Department	\$45,880.00



# 2024 Hazardous Materials Equipment Grants



# Requesting Ecology Assistance



NW Region 206-594-0000

SW Region 360-407-6300

Central Region 509-575-2490

Eastern Region 509-329-3400

WA EMD 800-258-5990

West Coast 800-0ILS-911

Questions?



# Questions?

