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# Hazmat and Pipelines

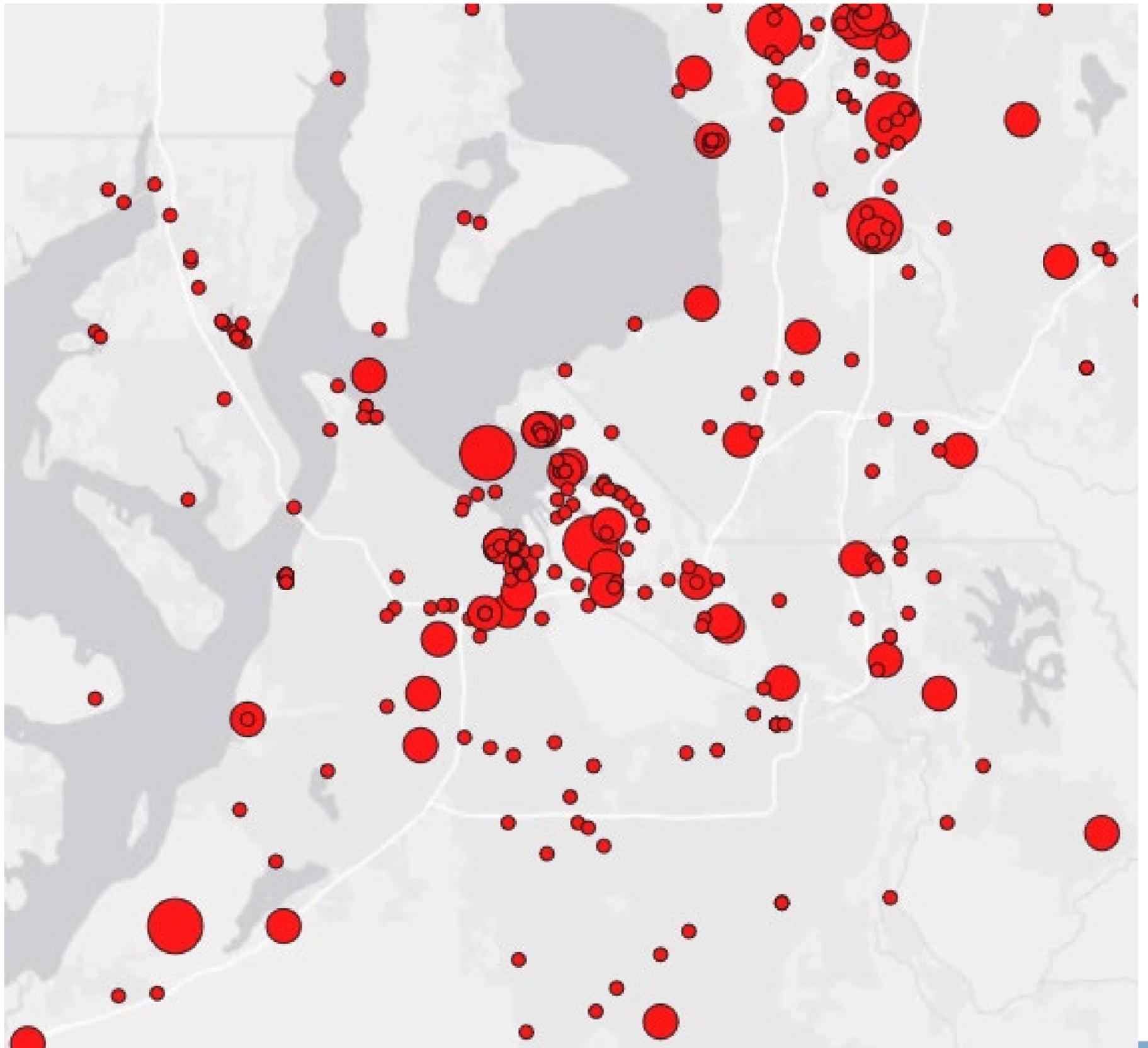
Dave Byers

Spills Prevention, Preparedness, and Response Program

May, 2019

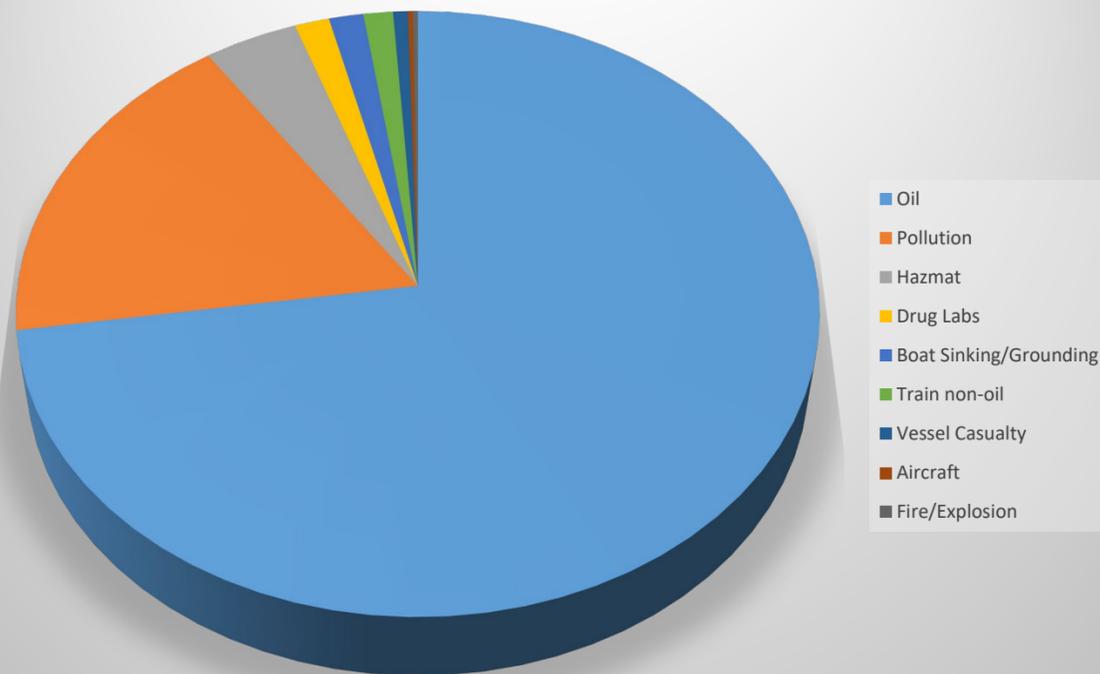


# Hazardous Material Releases



# Spill Data (past 12 months)

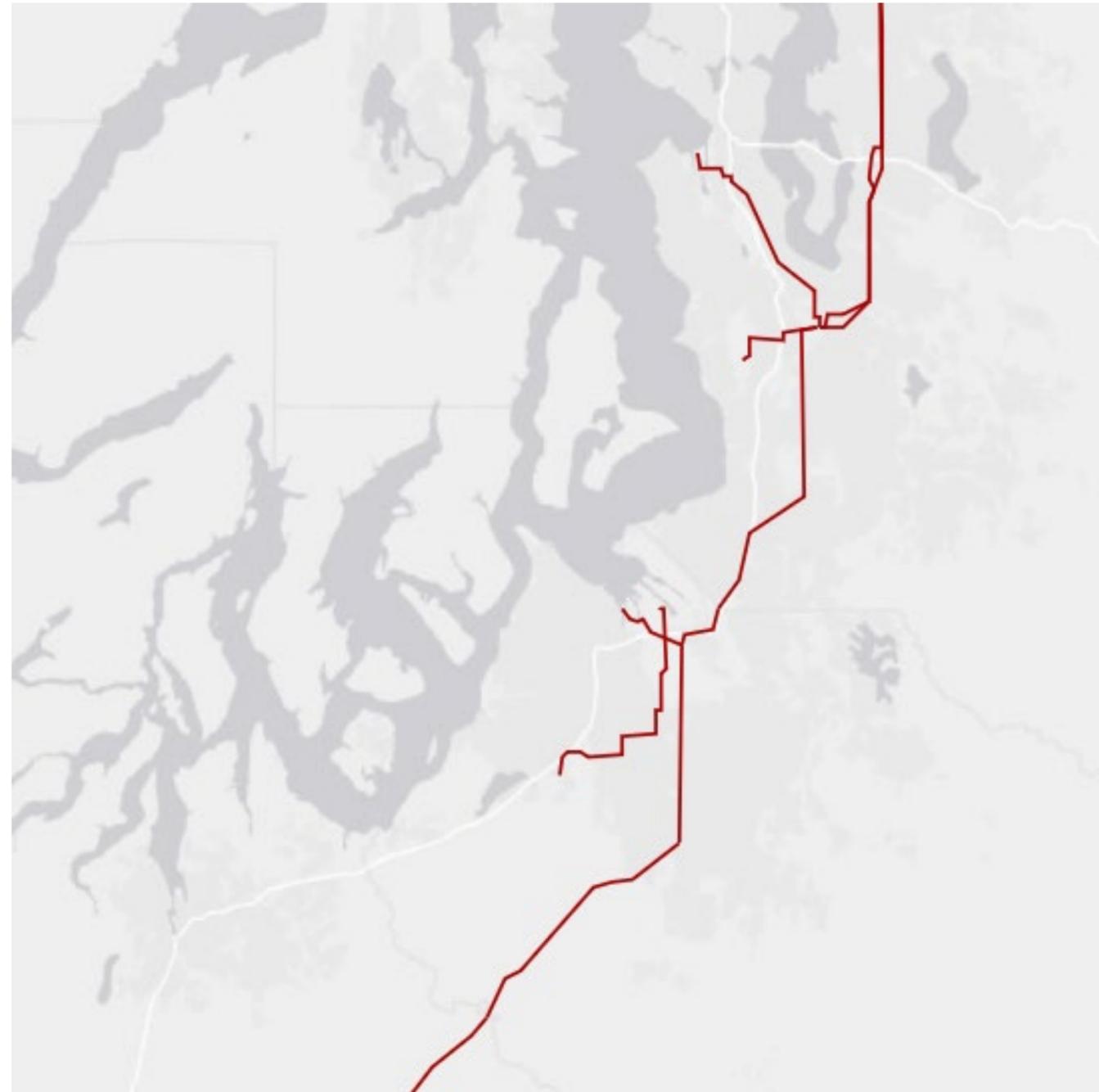
Incidents



Incident Category	Number of Incidents
Oil	335
Pollution	82
Hazmat/Chemical	19
Drug Labs	7
Boat Sinking/Grounding	7
Rail	6
Vessel Casualty	3
Aircraft	1
Fire/Explosion	1
<b>Total</b>	<b>461</b>

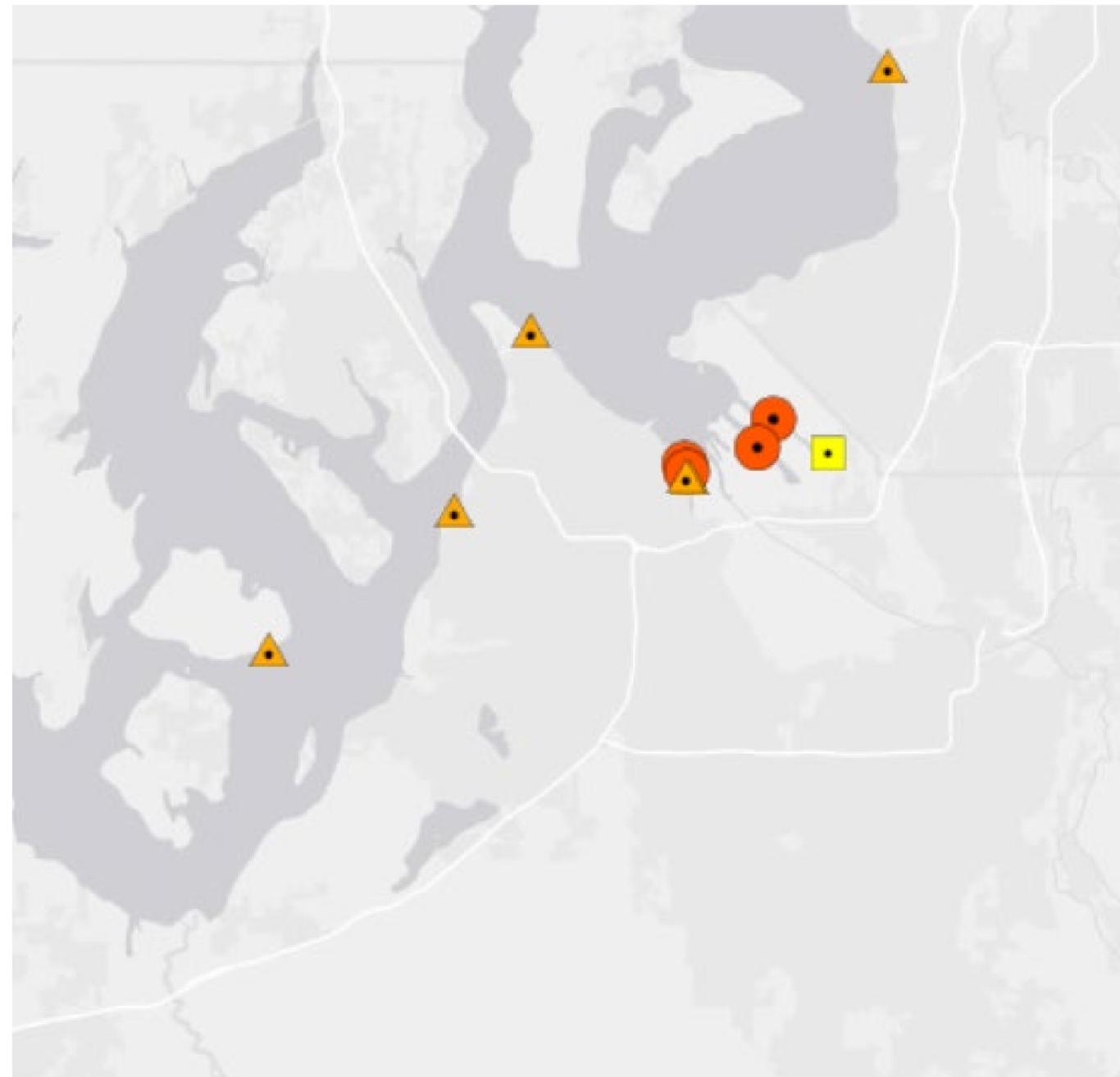


# Liquid Petroleum Pipelines



- Facility Contingency Plans
- Pressure and volume monitoring
- Integrity testing
- Exercises
- Pre-planned response strategies

# Regulated Oil Handling Facilities



 Class 1

Large facilities such as refineries, refueling terminals, and pipelines

 Class 3

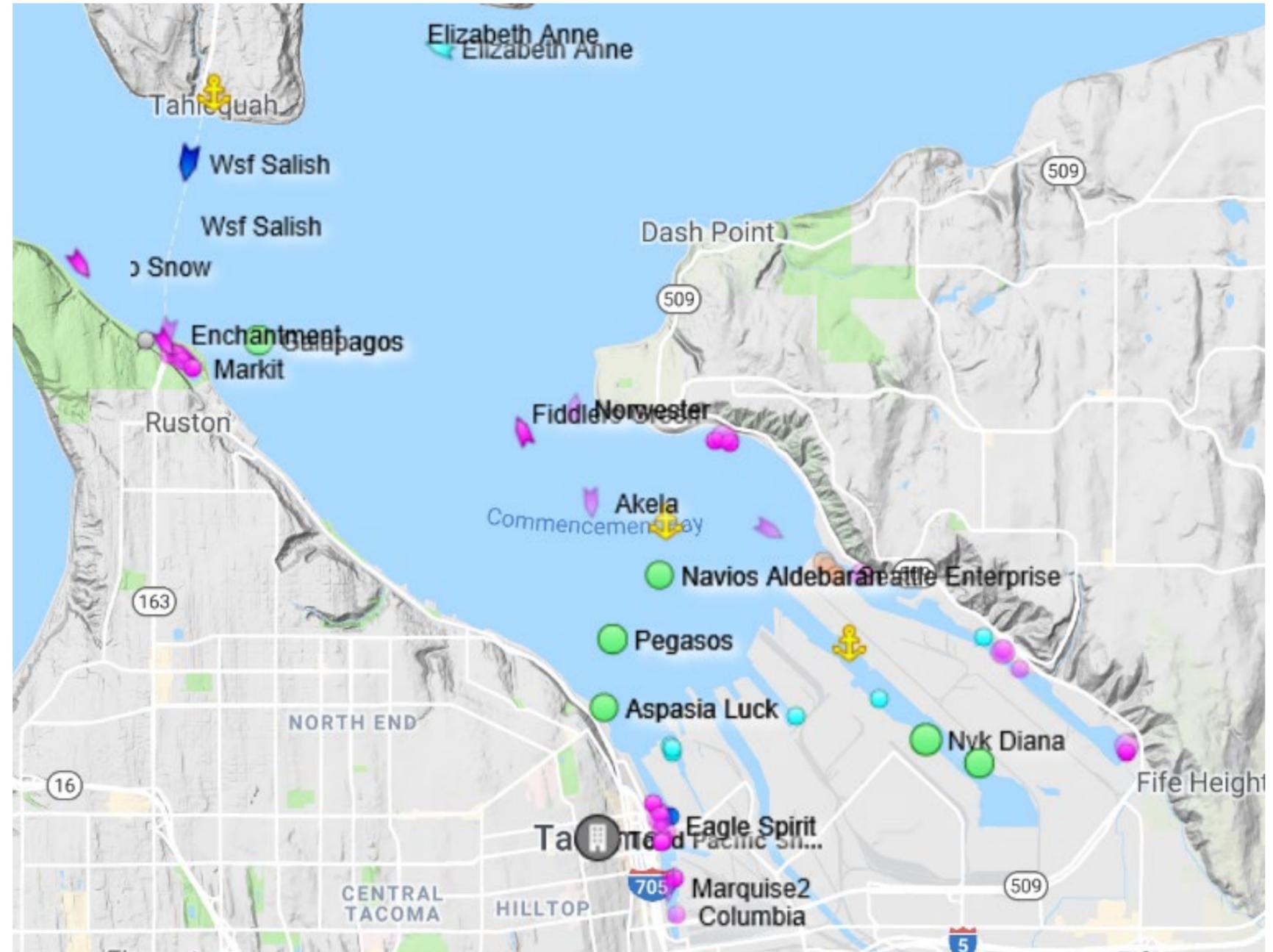
Facilities that transfer oil to non-recreational vessels with a fuel capacity greater than 10,500 gallons

 Class 4

Marinas and other facilities that transfer oil to non-recreation vessels with a fuel capacity of less than 10,500 gallons

- Facility Contingency Plans
- Response Plans
- Mandatory Equipment
- Pre-planned response strategies

# Maritime Transportation



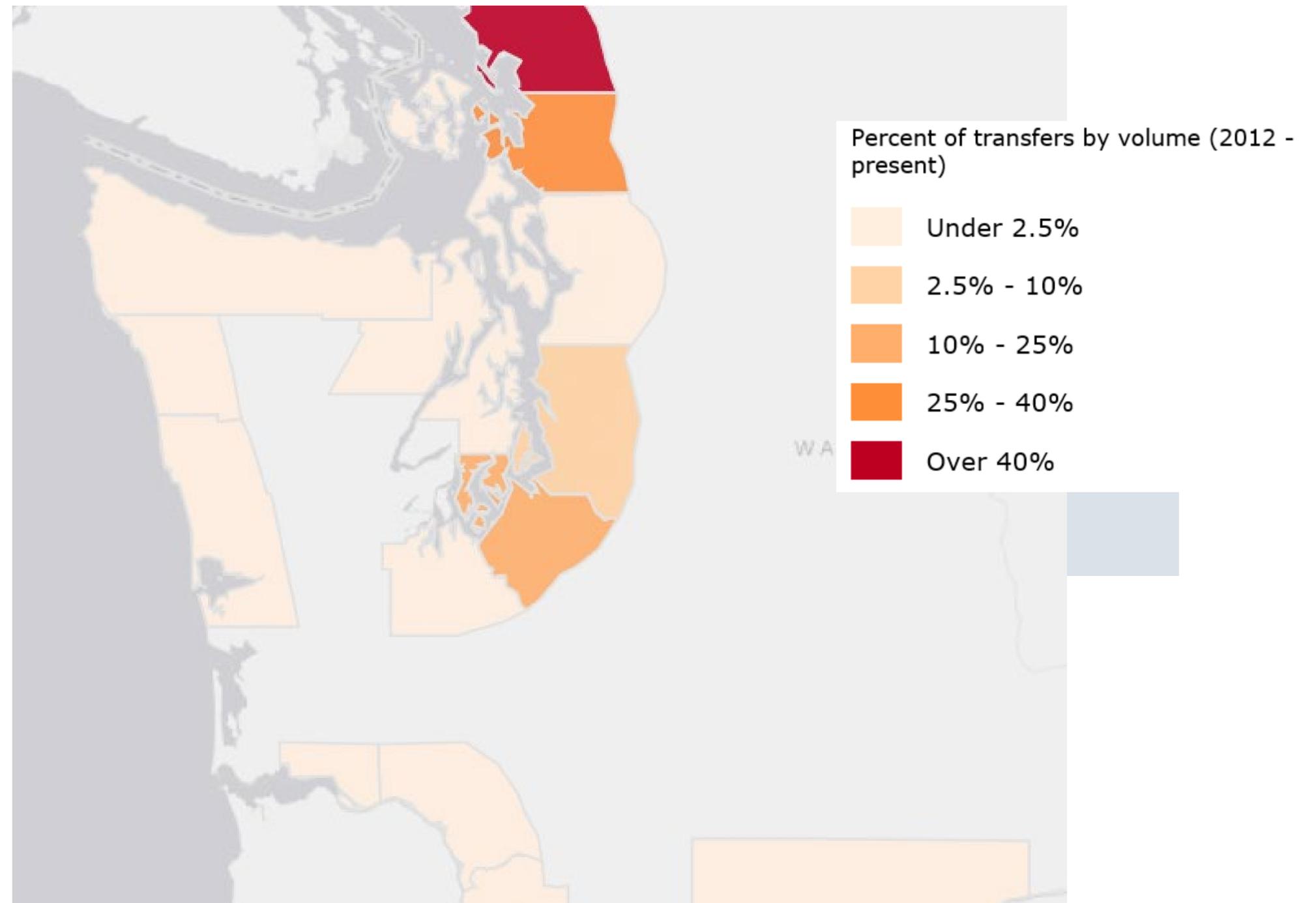
- Vessel Contingency Plans
- Response Equipment
- Exercises
- Pre-planned response strategies



# Highway Transportation

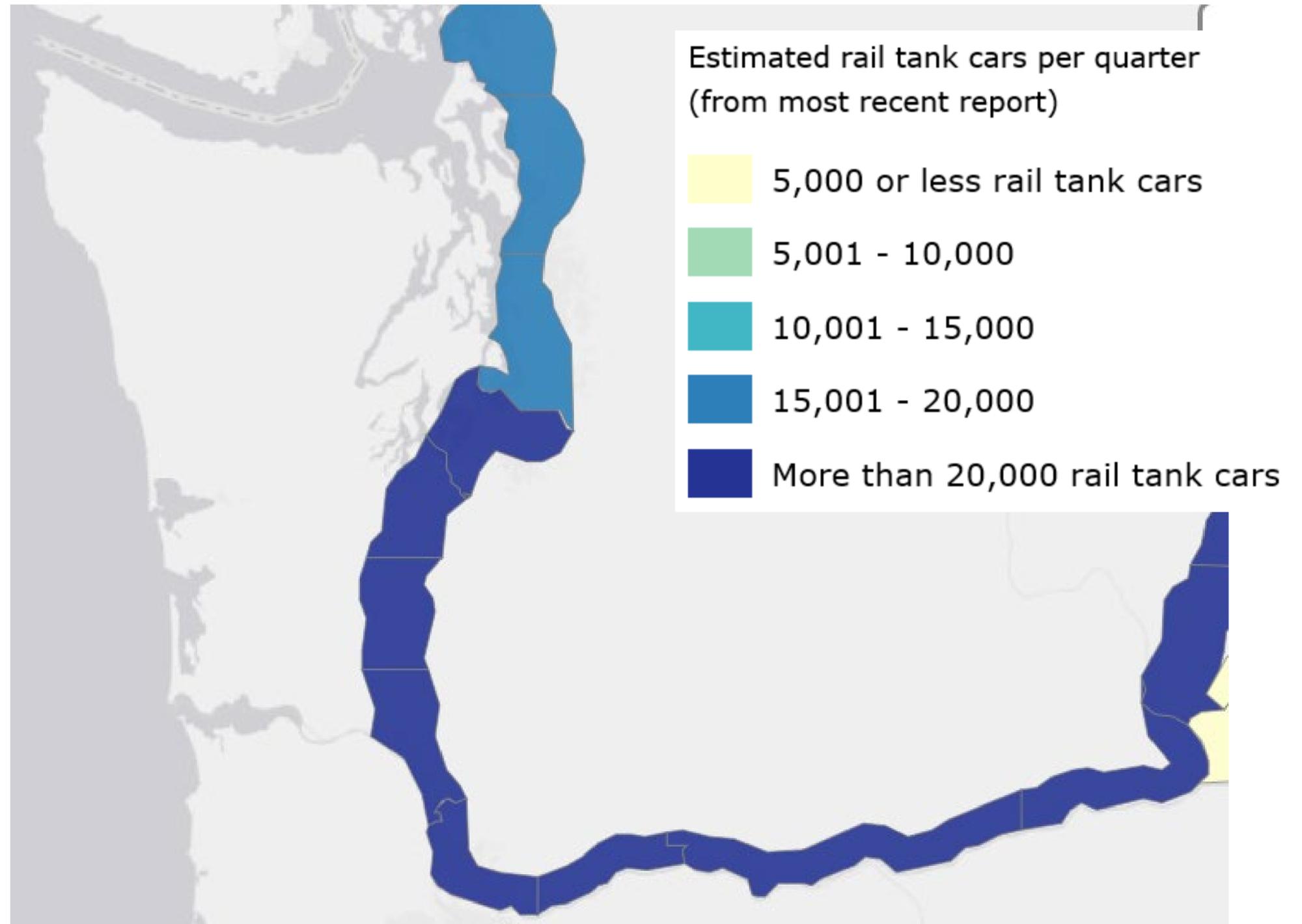


# Over-Water Oil Transfers



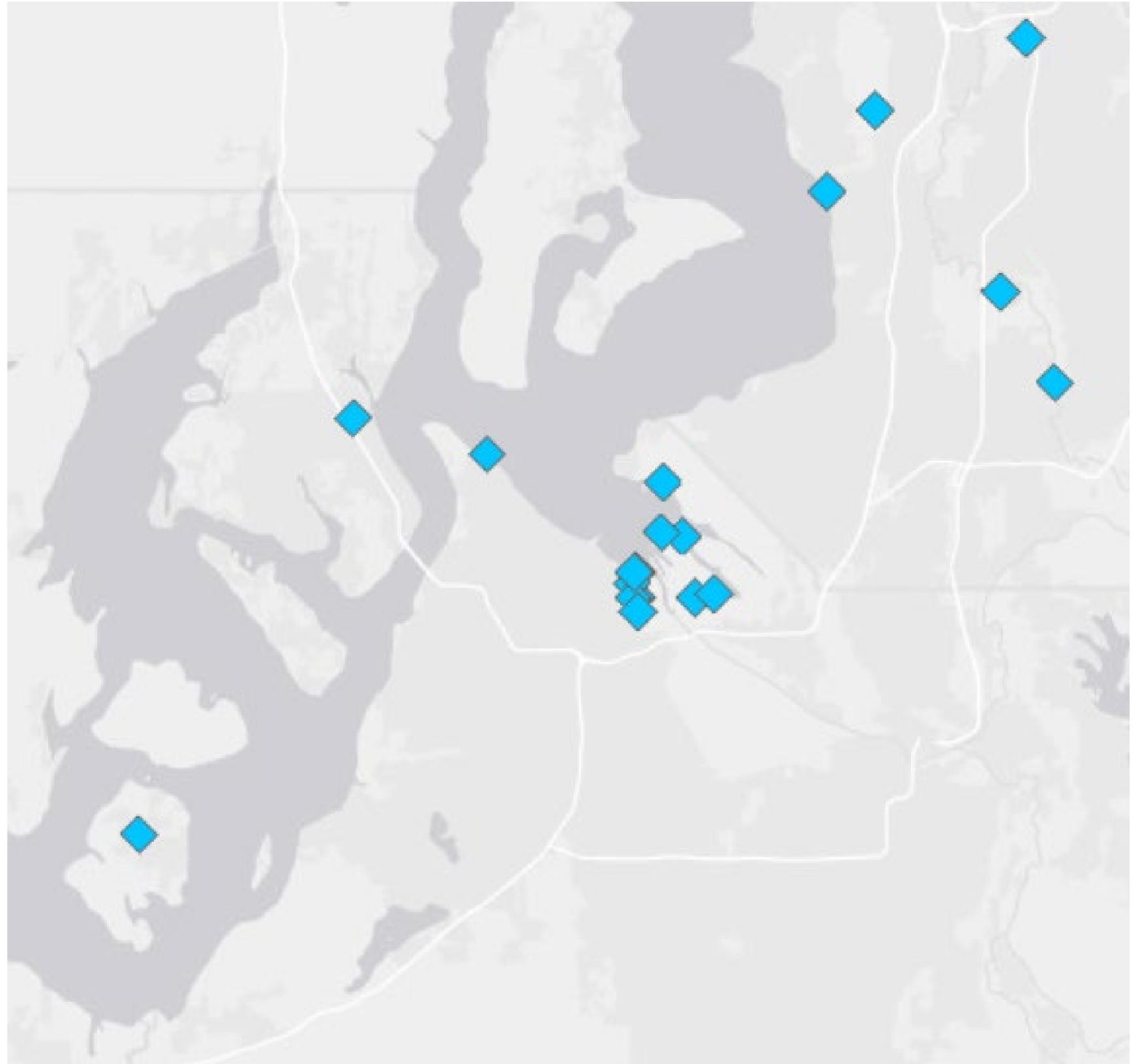
- Advanced Notice of Transfer
- Pre-boom requirement and inspection
- Response Equipment
- Pre-planned response strategies

# Rail Transportation

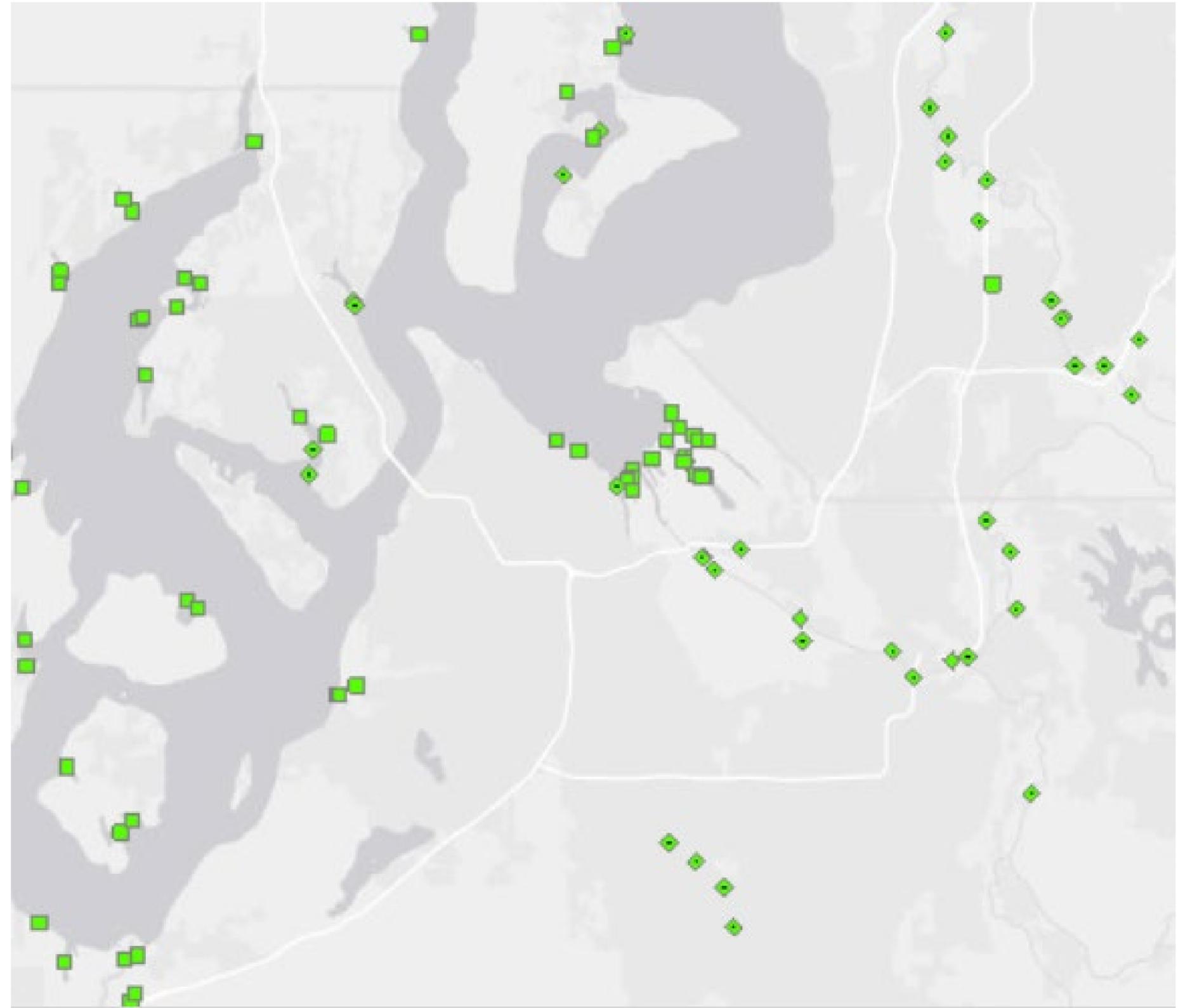


- Rail Contingency Plans
- Response Equipment
- Exercises
- Pre-planned strategies

# Response Equipment Locations



# Geographic Response Plan Strategies



# Funding and Gaps

Activity	Program Detail	Funding	Gaps
Prevention	Risk Assessments, and Inspection of vessels, oil transfers, and oil facilities	Oil Spill Prevention Account	Oill facility only. No chemical facility inspection authority.
Preparedness	Northwest Area Contingency Plan; oil facility, rail, and vessel contingency plan approval and exercises; Geographic Response Plans; response equipment inspection	Oil Spill Prevention Account	GRP gaps statewide and insufficient resources for frequent updates
Response	Oil and hazards materials response, drug lab clean-up	State Toxics Control Account	No statewide life-safety hazmat response capability. No fund for large hazardous substance spills.
Response	Large oil spill response for impacts to state waters	Oil Spill Response Account	Fund source is limited to \$9M. Fund source is frequently swept.
Hazmat and Firefighting Equipment Grants	Hazardous materials and firefighting equipment and training grants	State Toxics Control Account	Need is larger than available funding (\$3.1 M)
Restoration	Natural resource restoration funded by spillers, projects approved or selected by Resource Damage Assessment Committee	Coastal Protection Account	Only addresses post-spill damages from oil releases

