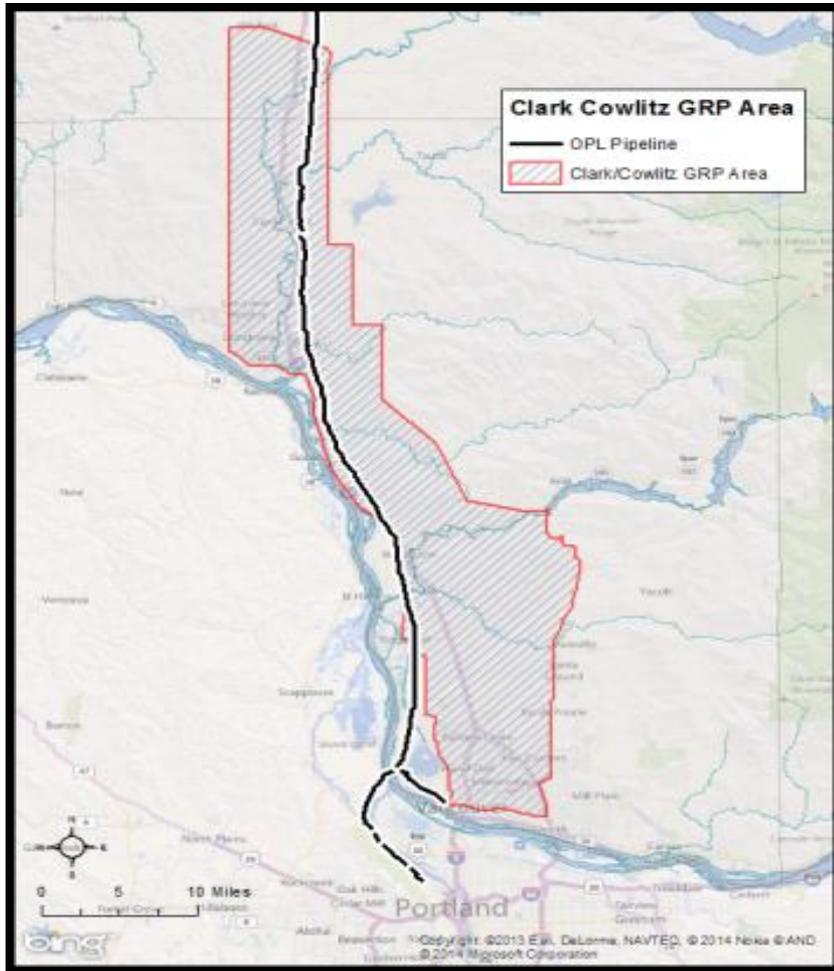


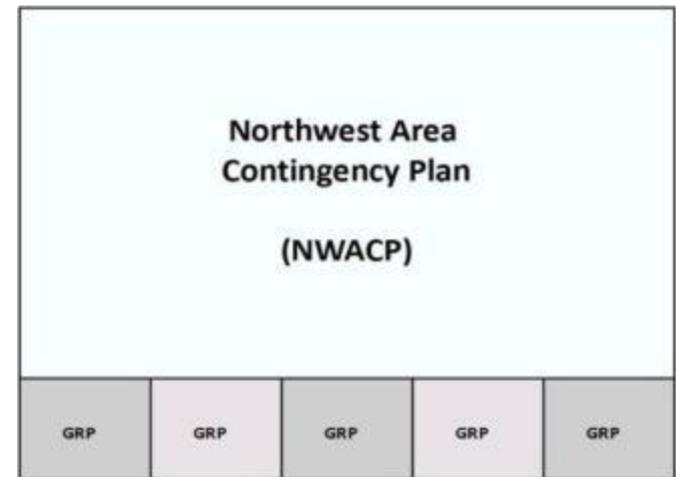
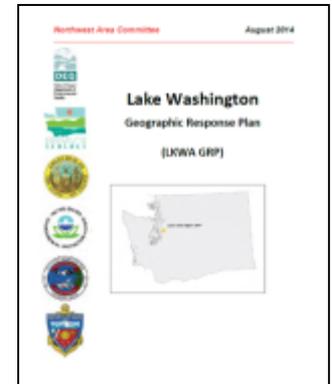
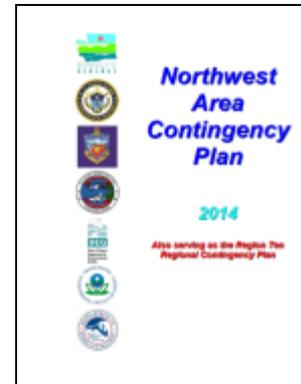
Geographic Response Plans (GRPs)



Linda Pilkey-Jarvis
Department of Ecology
Spill Prevention, Preparedness, and Response
Presentation to the Citizens Committee for Pipeline Safety
October 2014

What are GRPs?

- Pre-identifies Sensitive Resources in Planning Area – Initial “Marching Orders” in an Oil Spill Response.
- Identify Where Oil Spills May Occur, and Sets Strategies for Environmental, Cultural and Economic Resources at Risk from Spills.
- Annexes to the Northwest Area Contingency Plan.



Funded for 2014/2015

GRP	Partner Agencies
Chehalis River	WA Ecology, US-EPA
Clark/Cowlitz River	WA Ecology, US-EPA
Columbia River (Lower & Middle)	WA Ecology, US-EPA, USCG, OR-DEQ
Duwamish/Green River	WA Ecology, US-EPA
Moses Lake/Crab Creek	WA Ecology, US-EPA
Nisqually River	WA Ecology, US-EPA
Lake Chelan	WA Ecology, US-EPA
Lake Washington 	WA Ecology, US-EPA

Gaps in the GRP System

- Best technology – spatial planning and converting all the old plans to newer technology.
- Full Coverage around the state where oil is moved and spill risk exists (pipeline, highways, waterways and rail corridors).
- Testing in Drills and Updating with Lessons Learned.



Where pipelines exist & our current work

2014 - 2015



Lake Washington (Completed)

Nisqually River

Duwamish/Green River

Chehalis River

Clark/Cowlitz

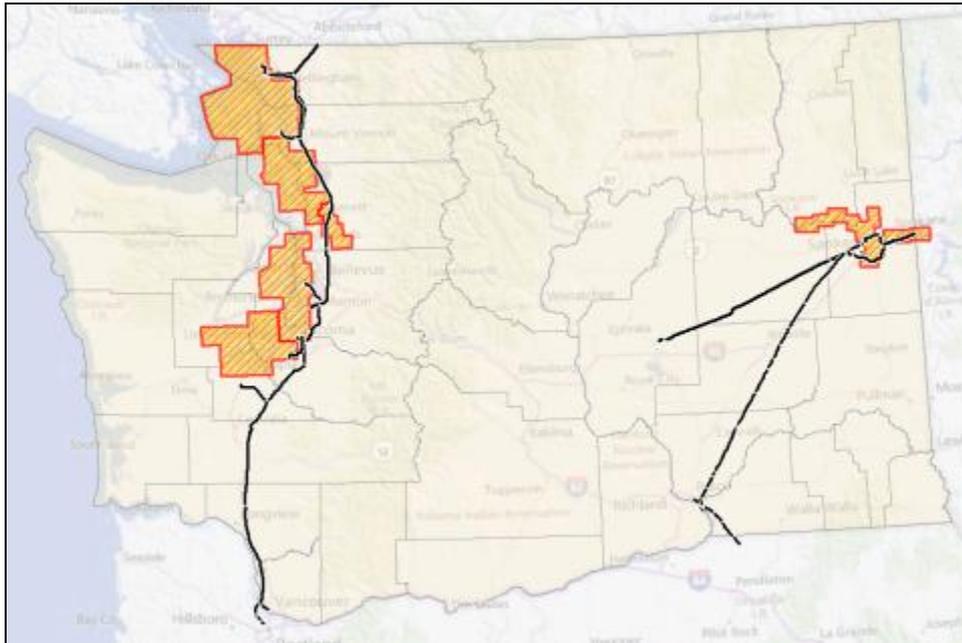
Lower Columbia River

Middle Columbia River

Moses Lake/Crab Creek

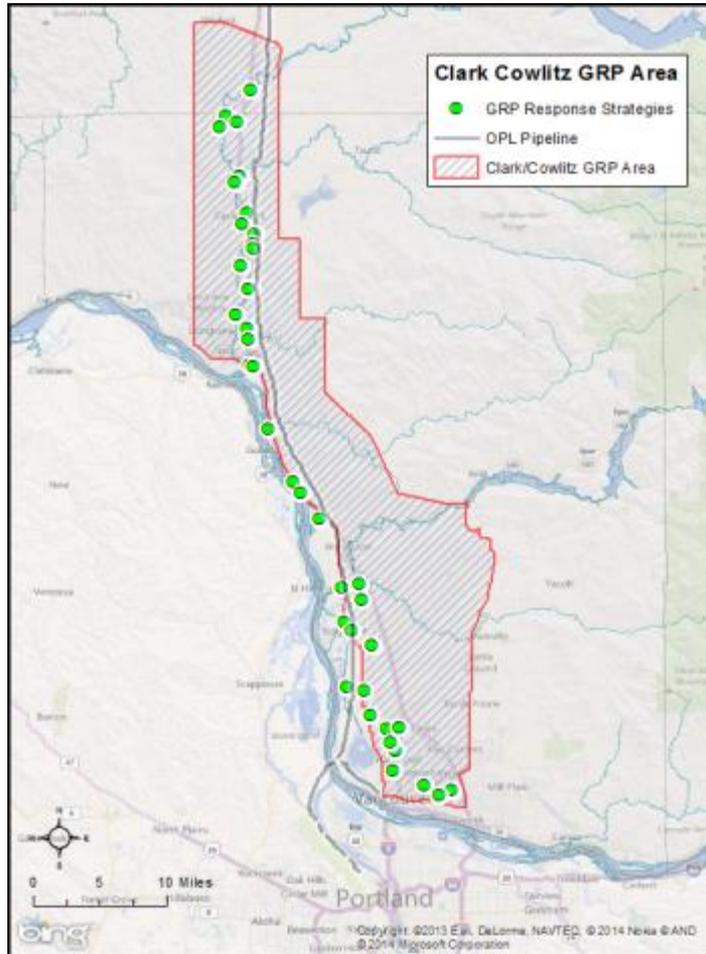
GRPs that aren't open now, & pipelines exist

Plans not being Updated this Year

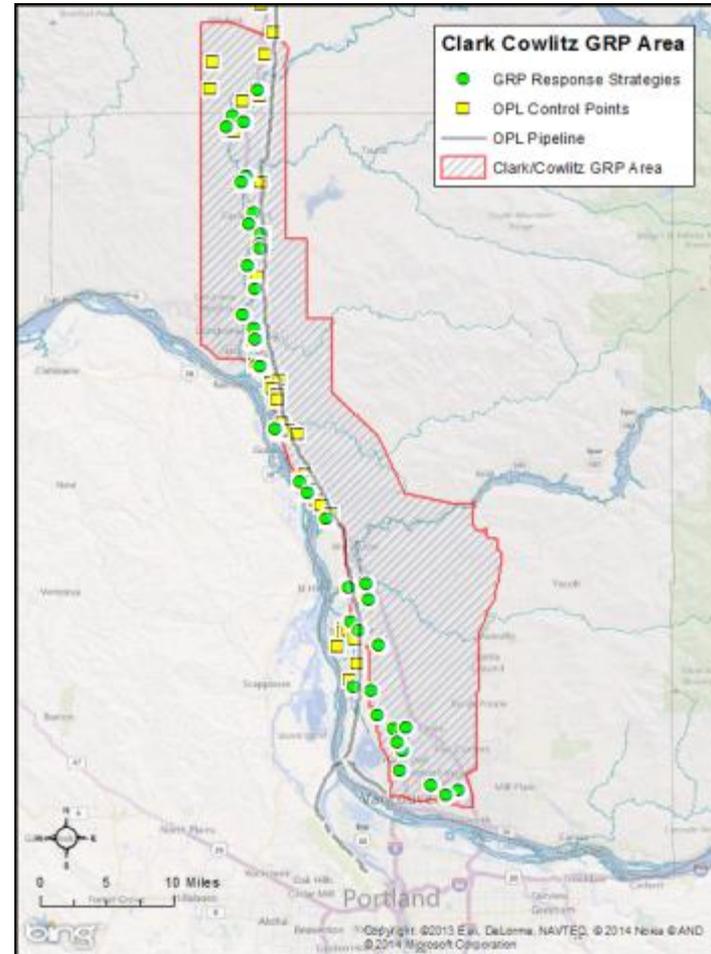


North Puget Sound
North Central Puget Sound
WRIA-7 (Snohomish River)
Central Puget Sound
South Puget Sound
Spokane River

Control Points & GRP Strategies



GRP Response Strategies



OPL CCPs & GRPs

Inland & Marine GRP Comparisons



Marine:

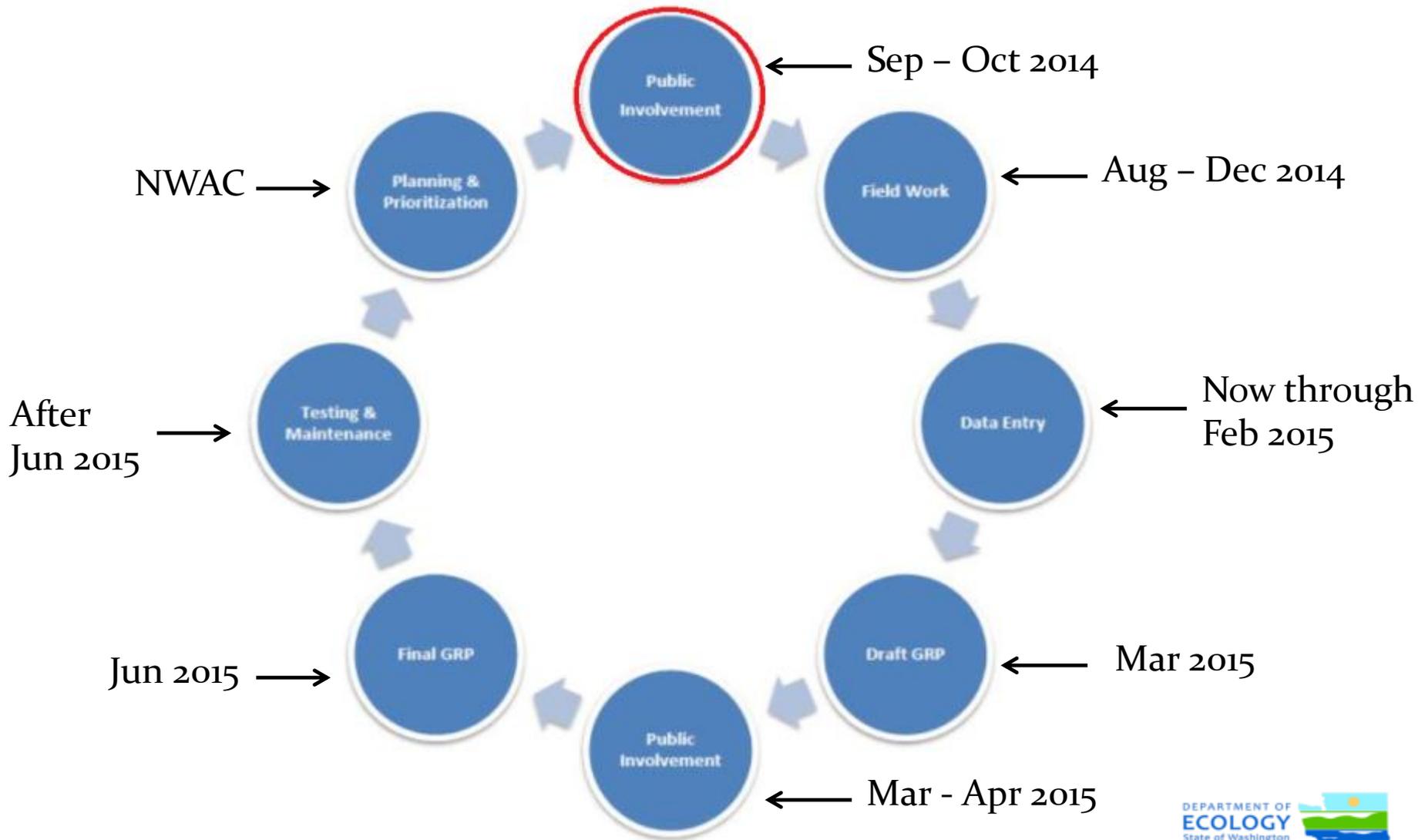
Not Confined
Tides & Tidal Currents
Extreme Environmental Conditions
Some Areas are very Remote
Private Property Issues
Cultural Resources



Inland:

Confined to River/Creek Banks
Product can rapidly move downstream
Ice & Snow in Winter Months Possible
Some Areas are very Remote
Private Property Issues
Submerged Cultural Resources

GRP Update & Development Process



How You Can Help Us with GRPs

- Identify Sensitive Resources in Your Communities (including Economic Resources on or near the water)
- Share Information on Locations Valued by the Committee's Stakeholders
- Spread the Word – Sign-Up as Stakeholders and Encourage Others to Sign-Up

Questions?