LOWER COLUMBIA RIVER GRP OCTOBER 2015

Mill Creek (WA) LCR-53.8R

Position - Location: 46° 11.310', -123° 10.542' 46° 11' 18.6", -123° 10' 32.5" 46.18850, -123.17569 Longview

Strategy Objective: Collection: Collection to prevent oil from moving up/downstream, while excluding it from the mouth of Mill Creek.

Implementation:

Launch workboat from Port Westward boat launch, BL-LCR-53.8L with 1000' of boom. Deploy boom in a modified chevron formation angled up and downstream while excluding oil from the mouth of Mill Creek. Anchor at AP-1 and AP-4 using Danforth or other appropriate anchors, AP-2 & AP-3 using shoreside anchor posts or natural anchors. Adjust angle of boom, quantity and placement of anchors according to conditions (anchors every 100-150ft. along boom length). Recover oil using skimmer & portable storage.

Staging Area: Onsite: Stage onsite at large gravel parking area on W side of creek and N side of highway.

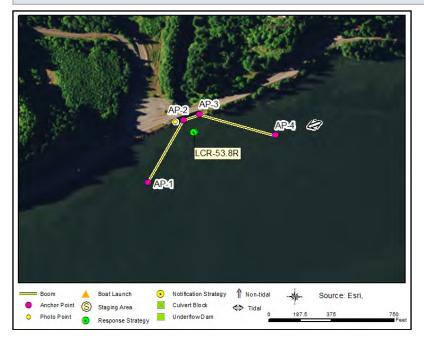
Site Safety: Slips, trips, and falls. Water hazards. Highway 4 is very busy; beware of metal debris in water.

Field Notes: Strong currents, particularly during outgoing tides, may make collection difficult. Vehicle access from Highway 4 to parking area on west

side of creek. Strategy works together with exclusion at LCR-53.9R.

Watercourse: River - With Tidal Influence - Columbia River

Resources at Risk: Downstream Resources



Recommended Equipment

8	Each	Anchor - Danforth (or other appropriate type)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B3 (River Boom) or equivalent
1	Each	Skimmer (appropriately sized) with Portable Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator	
4	Laborer	
1	Supervisor	

APPENDIX 4A 301