LOWER COLUMBIA RIVER GRP OCTOBER 2015

Lake River - Felida Moorage **LKRVR-10.8**

45° 42.343', -122° 43.324' 45° 42' 20.6", -122° 43' 19.4" 45.70572, -122.72207 **Position - Location:** Vancouver

Strategy Objective: Exclusion: Prevent oil from travelling downstream on Lake River to Columbia River

From Felida Moorage ramp, launch workboat with 800ft. boom. Deploy boom at a steep collection angle. Anchor at AP-1 (45.704078,-Implementation:

122.721968) and AP-2 (45.706389,-122.721998) using shoreside anchor posts. Do not disturb ground at any locations other than anchor points described. Remain on gravel and hardened surfaces. Anchor every 100-150ft. along boom length or as appropriate for flow

conditions. Recover oil using vac truck at ramp. Notify Environmental Unit if deploying strategies in this area.

Staging Area: Onsite: Stage onsite in parking area for moorage and boat launch.

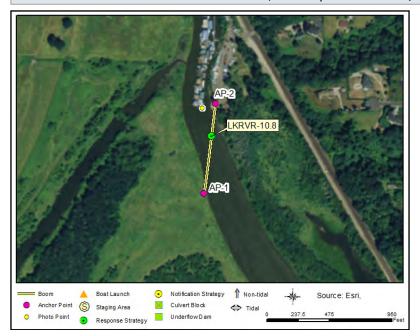
Site Safety: Slips, trips, and falls. Narrow road into site and dip at railroad crossing. Use caution driving vac truck to site. Heavy vegetation on river

Field Notes: Privately-owned houseboat moorage and boat ramp at 122nd Street in Vancouver. River is tidally-influenced and flows out of Vancouve

Lake.

Watercourse: River - With Tidal Influence - Lake River

Resources at Risk: Downstream Resources, Federally Protected Area/Lands, Houseboats, Migratory Bird Populations, Sensitive Resources Nearby,



Recommended Equipment

7	Each	Anchor - Danforth (or other appropriate type)
2	Each	Anchoring System(s)- Shoreside
800	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

APPENDIX 4A 461