LOWER COLUMBIA RIVER GRP OCTOBER 2015

Near Cape Horn N of Sand Island (FBS MP-34.0)

LCR-131.0R

Strategy Objective: Collection: Collect oil moving downstream from upstream source

Implementation: From BL-LCR-128.9L, launch workboat with 800ft. boom to strategy site. Deploy boom at upstream angle to collect oil travelling

downstream. Anchor at AP-1 using shoreside anchor posts. Anchor at AP-2 using Danforth or other appropriate anchor, and anchor every 100-150ft. along boom length or as appropriate for conditions. Collect oil on water using portable skimmer and storage.

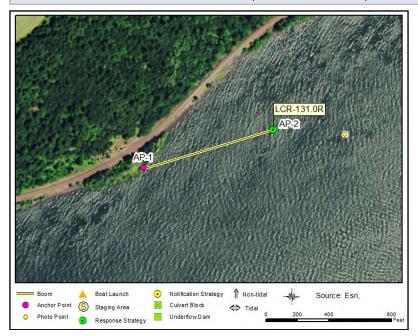
Staging Area: Remote: Stage at Rooster Rock State Park, SA-LCR-128.9L. Launch from same BL-LCR-128.9L.

Site Safety: Slippery banks when wet or icy; trip & fall hazards; water hazards; active railway hazards.

Field Notes: Site is at outcropping adjacent to BNSF railroad where it runs along the banks of the Columbia River.

Watercourse: River - Below a Dam - Columbia River

Resources at Risk: Downstream Habitat, Freshwater Wildlife, Sensitive Resources Nearby



Recommended Equipment

| 7 | Each | Anchor - Danforth (or other appropriate type) |
|-----|------|--|
| 1 | Each | Anchoring System(s)- Shoreside |
| 800 | 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 |
|---|---------------|
| 2 | Laborer |
| 1 | Supervisor |

APPENDIX 4A 437