LOWER COLUMBIA RIVER GRP OCTOBER 2015

## Marine Park Boat Ramp - upstream of Ryan Point

LCR-108.4R

**Position - Location:** 45° 36.698', -122° 37.969' 45° 36' 41.9", -122° 37' 58.1" 45.61164, -122.63282 Vancouver

Strategy Objective: Collection: Collect oil on beach next to boat ramp and remove with vac truck.

Implementation:

From BL-LCR-108.4, Crew 2 launch workboat to strategy site. Crew 1 remain onshore river right at old boat ramp on SE Columbia Way and use line throwing device to pass line attached to 800ft. boom to Crew 2. Crew 2 pull boom across with power winch and anchor in river center to establish a steep collection angle. Anchor every 100-150ft. along boom length, or as appropriate for flow conditions, to maintain boom angle. Collect oil with portable skimmer and storage staged at old boat launch on river right.

Staging Area: Onsite: Marine Park Boat Ramp, Vancouver, SA-LCR-108.4R

**Site Safety:** Vehicle and vessel traffic, water hazards, slips, trips, falls.

Field Notes: Marine Park Boat Ramp access via Marine Parkway.

Watercourse: River - Below a Dam - Columbia River

**Resources at Risk:** Downstream Resources



## Recommended Equipment

| 6   | Each | Anchor - Danforth (or other appropriate type)              |
|-----|------|--|
| 1   | Each | Anchoring System(s)- Shoreside                             |
| 800 | Feet | Boom - B2 (Contractor Boom) or equivalent                  |
| 1   | Each | Line throwing gun(s) or device(s)                          |
| 1   | Each | Vac Truck or Skimmer and Storage                           |
| 1   | Each | Winch - Power Winch  |
| 1   | Each | Workboat(s) - of adequate size for type and amount of boom |

## **Recommended Personnel**

| 1 Boat Operator |  |
|-----------------|--|
| 2 Laborer       |  |
| 1 Supervisor    |  |

APPENDIX 4A 405