LOWER COLUMBIA RIVER GRP OCTOBER 2015

## **OMSI - Marquam Bridge (OR)**

## WR-13.4R

Position - Location:	45° 30.566', -122° 40.053'	45° 30' 33.9", -122° 40' 3.2"	45.50943, -122.66755	Portland
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Strategy Objective: Collection: Collect oil travelling downriver on the Willamette

Implementation:

Launch workboat from Ross Island Sand & Gravel, BL-WR-13.9R, with 500ft. boom. Anchor at AP-1 to bridge piers using eye bolt in concrete if water level allows and bridle system if not. Angle boom toward shoreline and anchor at AP-2 to pilings. Place additional Danforth type anchors along boom line every 100-150 feet based on conditions of the day. Collect oil using vac truck staged onshore.

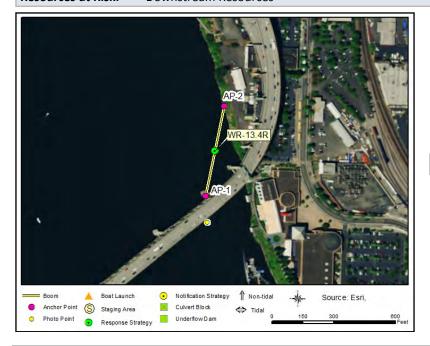
Staging Area: Remote: Stage at SA-WR-13.9R Ross Island Sand & Gravel; launch from same BL-WR-13.9R.

Site Safety: Slips, trips, and falls. Water hazards. Industrial and recreational traffic in vicinity.

**Field Notes:** Site is at Marquam Bridge, across the river from the River Place Marina.

Watercourse: River - Below a Dam - Willamette River

**Resources at Risk:** Downstream Resources



## **Recommended Equipment**

3	Each	Anchor - Danforth (or other appropriate type)
1	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B3 (River Boom) or equivalent
1	Each	Bridle(s) - Bridge Pier (appropriately sized for boom)
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
2	Laborer
1	Supervisor

APPENDIX 4A 515