

**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

**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