

**Port of Portland Terminal 4 - Berth 412 (OR)****WR-4.5R**

**Position - Location:** 45° 35.906', -122° 46.563' 45° 35' 54.4", -122° 46' 33.8" 45.59844, -122.77606 Portland

**Strategy Objective:** Collection : Collect oil travelling downstream on Willamette River.

**Implementation:** Launch workboat from Cathedral Park, BL-WR-5.8R, with 800ft. boom. Angle boom upriver from east bank to collect oil moving downstream toward the Columbia River. Anchor at AP-1 using shoreside anchor posts or structures on site. Anchor at AP-2 using Danforth or other anchor and anchor every 100-150ft. along boom length. Collect oil using vac truck staged on shore at industrial property.

**Staging Area:** Remote: Stage at SA-WR-5.8R Cathedral Park; launch from same BL-WR-5.8R.

**Site Safety:** Slips, trips, and falls. Water hazards. Recreational and industrial vessel traffic in area. Site is active industrial facility.

**Field Notes:** Strategy is collection at southern tip of

**Watercourse:** River - Below a Dam - Willamette River

**Resources at Risk:** Downstream Resources

**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	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