

**Johnson Creek (OR)****WR-18.4R**

**Position - Location:** 45° 26.657', -122° 38.651' 45° 26' 39.4", -122° 38' 39.1" 45.44428, -122.64419 Milwaukie

**Strategy Objective:** Exclusion : Prevent oil from impacting historic features and shallow water (restored) habitat at creek mouth.

**Implementation:** Launch from Milwaukie Riverfront Park BL-WR-18.5R with 600' of boom. Anchor boom to shore on one side of historic pilings at the creek entrance using shoreline anchoring systems. Tow center of boom toward mid-river (~60' depth) to make a chevron formation, then attach final end of boom to shore on the opposite side of the creek. Add additional Danforth type anchors to boom line, one ever 100-150'. Adjust angle of boom, quantity and placement of anchors, based on conditions of the day. Avoid ANY impact to historic pilings. Notify Environmental Unit if deploying this strategy.

**Staging Area:** Remote: Stage from Milwaukie Riverfront Park SA-WR-18.5R; launch from same BL-WR-18.5R.

**Site Safety:** Water hazard, river traffic, submerged obstructions, historic pilings

**Field Notes:** Launch from BL-WR-18.5R

**Watercourse:** River - Below a Dam - Low/medium flow

**Resources at Risk:** Fall Salmon (Chinook), Salmon Trout Enhancement Program Area, Sensitive Resources, Winter Steelhead

**Recommended Equipment**

5 Each	Anchor - Danforth (or other appropriate type)
600 Feet	Boom - B3 (River Boom) or equivalent
2 Each	Shore Connect System (posts, driver, anchor, chain, line)
1 Each	Workboat(s) - of adequate size for type and amount of boom

**Recommended Personnel**

1	Boat Operator
3	Laborer