

Crooked Creek (WA)**CRKDC-0.25**

Position - Location: 46° 17.754', -123° 40.860' 46° 17' 45.2", -123° 40' 51.6" 46.29590, -123.68101 Rosburg

Strategy Objective: Exclusion : Prevent oil from travelling upstream into creek and wetlands

Implementation: From Altoona-Pillar Rock Rd. bridge over Crooked Creek, hand launch shallow-water workboat with 200ft. boom. If necessary, use machetes and trimmers to clear vegetation. Deploy boom in chevron configuration at mouth of Crooked Creek. If spill source is from Columbia River, anchor downstream of tributary stream outfall at AP-1 (46.296365, -123.676936) and AP-2 (46.295825, -123.680842). Anchor to shore using shoreside anchor posts. If spill source is from upstream on Crooked Creek, anchor upstream of tributary stream. Anchor apex of chevron using Danforth or other appropriate anchor.

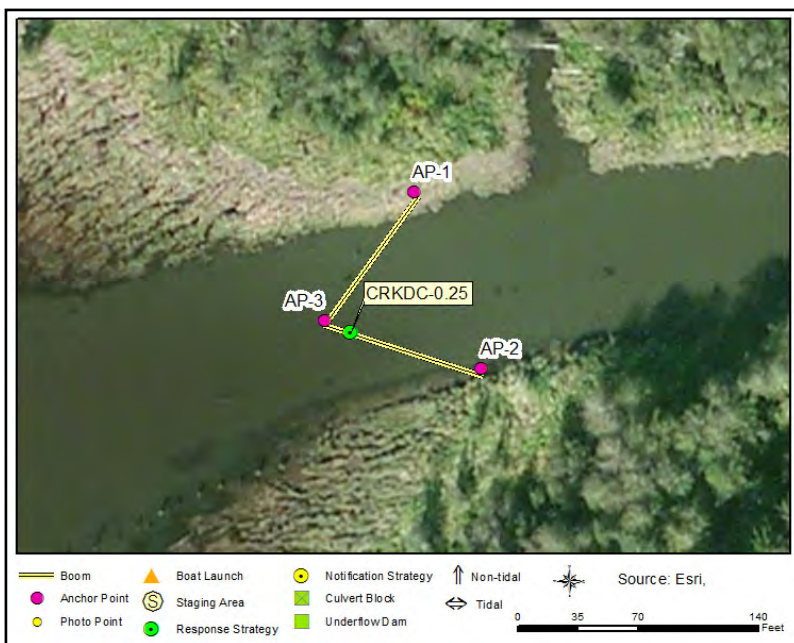
Staging Area: Onsite: Stage on shoulder of Altoona-Pillar Rock Rd. Use WSDOT guidelines for work zone traffic control.

Site Safety: Slips, trips, and falls. Access point is on highway with narrow shoulder and heavy vegetation. Use caution navigating in low water.

Field Notes: Road access on Altoona - Pillar Rock Rd (403): take to where it crosses Crooked Creek. Grays Bay is too shallow for access from Columbia River.

Watercourse: Creek - Crooked Creek

Resources at Risk: Sensitive Wetland Area, Tidal Marshes

**Recommended Equipment**

1	Each	Anchor - Danforth (or other appropriate type)
2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B3 (River Boom) or equivalent
2	Each	Machete(s) - (or other vegetation cutting tool)
1	Each	Workboat(s) - (hand-launch)

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor