

JBH Refuge Levee Breach #2 (WA)**LCR-35.3R**

Position - Location: 46° 14.775', -123° 25.880' 46° 14' 46.5", -123° 25' 52.8" 46.24624, -123.43134 Cathlamet

Strategy Objective: Exclusion : Prevent oil from entering channel and flowing into JBH Refuge

Implementation: From BL-LCR-33.5R, Crew 2, launch workboat to south levee breach location. Crew 1 remain onshore and pass line attached to center of 800' of boom to Crew 2 using line throwing device. Deploy boom in a chevron formation. Crew 1 anchor to AP-1 using shoreside anchor posts. Crew 2 anchor to AP-2 using shoreside anchor posts, and AP-3 using Danforth or other appropriate anchor. Anchor every 100-150ft. along boom length or as appropriate for conditions. Water only tops this part of the levee at high water.

Staging Area: Onsite: Stage on Steamboat Slough Rd. (road is closed to vehicle traffic- contact JBH Refuge for access)

Site Safety: Slips, trips, and falls. Water hazards.

Field Notes: Site is where USACE recently (2014) breached old levee to allow flow into wetland area. This levee breach is ~170yds. across at full bank levels and only has water over it at high tides.

Watercourse: River - With Tidal Influence - Columbia River

Resources at Risk: Shorebird Concentrations, Whitetail Deer Habitat, Wildlife Refuge

**Recommended Equipment**

7	Each	Anchor - Danforth (or other appropriate type)
2	Each	Anchoring System(s)- Shoreside
800	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Line throwing gun(s) or device(s)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor