LOWER COLUMBIA RIVER GRP OCTOBER 2015

JBH Refuge Levee Breach #1 (WA)

LCR-35.0R

Position - Location:	46° 15.028′, -123° 26.053′	46° 15' 1.7", -123° 26' 3.2"	46.25047, -123.43421	Cathlamat
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Strategy Objective: Exclusion: Prevent oil from entering channel and flowing into JBH Refuge

Implementation:

From BL-LCR-33.5R, Crew 2 launch workboat to north 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.

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

Field Notes: Site is where USACE recently (2014) breeched old levee to allow flow into wetland area. Breach is ~170yds. across at full bank levels, and

there is a channel dug to -2ft. so that it always has water in it.

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	

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