LOWER COLUMBIA RIVER GRP OCTOBER 2015

Youngs River Fish Pens #3 (OR)

YOR-4.1R

Position - Location:	46° 10.231', -123° 49.364'	46° 10' 13.9", -123° 49' 21.8"	46.17052, -123.82273	Astoria
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Strategy Objective: Exclusion: Prevent oil from impacting aquaculture pens

Implementation: Launch workboat from East Mooring Basin, BL-LCR-15.8L with 800ft. boom. Place boom around the pen to exclude oil from pens.

Anchor at AP-1 through 4 using Danforth or other anchors. Anchor along boom length every 100-150ft. or as necessary for conditions.

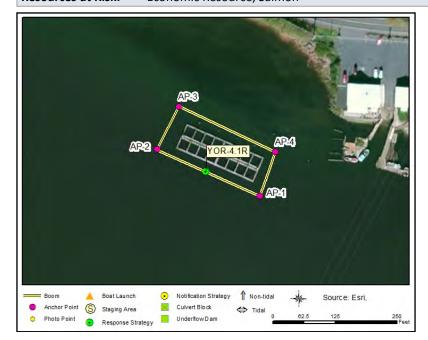
Staging Area: Remote: Stage at Astoria East Mooring Basin, SA-LCR-15.8L. Launch from same, BL-LCR-15.8L.

Site Safety: Slips, trips, and falls. Shallow water hazards.

Field Notes: Mouth of Youngs River can be shallow at low water.

Watercourse: River - Without a Dam - Youngs River

Resources at Risk: Economic Resource, Salmon



Recommended Equipment

10	Each	Anchor - Danforth (or other appropriate type)
800	Feet	Boom - B3 (River Boom) or equivalent
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1 Boat Operator
3 Laborer
1 Supervisor

APPENDIX 4A 551