LOWER COLUMBIA RIVER GRP OCTOBER 2015

## Youngs River Fish Pens #2 (OR)

## YOR-4.0R

<b>Position - Location:</b> 46° 10.264′, -123° 49.492′	46° 10' 15.8", -123° 49' 29.5"	46.17106, -123.82487	Astoria
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Strategy Objective: Exclusion: Prevent oil from impacting aquaculture net 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.

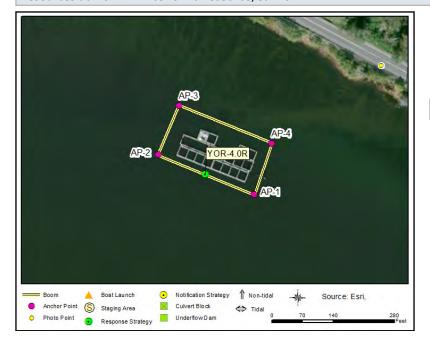
Staging Area: Remote: Stage at Astoria East Mooring Basin, SA-LCR-15.8L. Launch from same, BL-LCR-15.8L.

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

**Field Notes:** Entrance to 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

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