

GRAYS HARBOR
Geographic Response Plan
(GH-GRP)

Response Strategies and Priorities

July 2023

Before you print this document

This section and its appendices are provided in “landscape” page orientation. The detailed 2-page information sheets for response strategies, notification strategies, staging areas, and boat launch locations in the appendices have been designed for duplex printing (front and back side of paper), “open to top” configuration.

INTRODUCTION

This section provides information on GRP response strategies and the order they should be implemented, based on Potential Oil Spill Origin Points (POSOPs) and the proximity and relative priority of sensitive resources near those point locations. Area maps, sector maps, and information on staging areas and boat launch locations are also provided in this section. During a spill incident, GRP response strategies should be implemented as soon as possible. Unless circumstances unique to a particular spill situation dictate otherwise, the priority tables in Strategy and Response Priorities should be used to decide the order that GRP strategies are deployed. The downstream movement of oil and the time it takes to mobilize response resources to deploy GRP strategies must always be considered when setting implementation priorities. Information on resources at risk, sensitive areas, and flight restrictions can be found in the Resources At Risk section. Information on shoreline countermeasures can be found in the Northwest Area Shoreline Countermeasures Manual ([NWACP Section 9420](#)). The Northwest Area Contingency Plan (NWACP) is available online at <http://www.rrt10nwac.com/NWACP/Default.aspx>.

These GRP strategies have been created to reduce spilled oil's impact on sensitive resources. They are not everything that should or could be done during a response to lessen the chance of injury to natural, cultural, and economic resources. Control and containment of an oil spill is always a higher priority than the implementation of response strategies. Although designed to be implemented during the initial phase of an oil spill, strategies may continue to be used throughout a response at the discretion of Unified Command with guidance provided by the Environmental Unit.

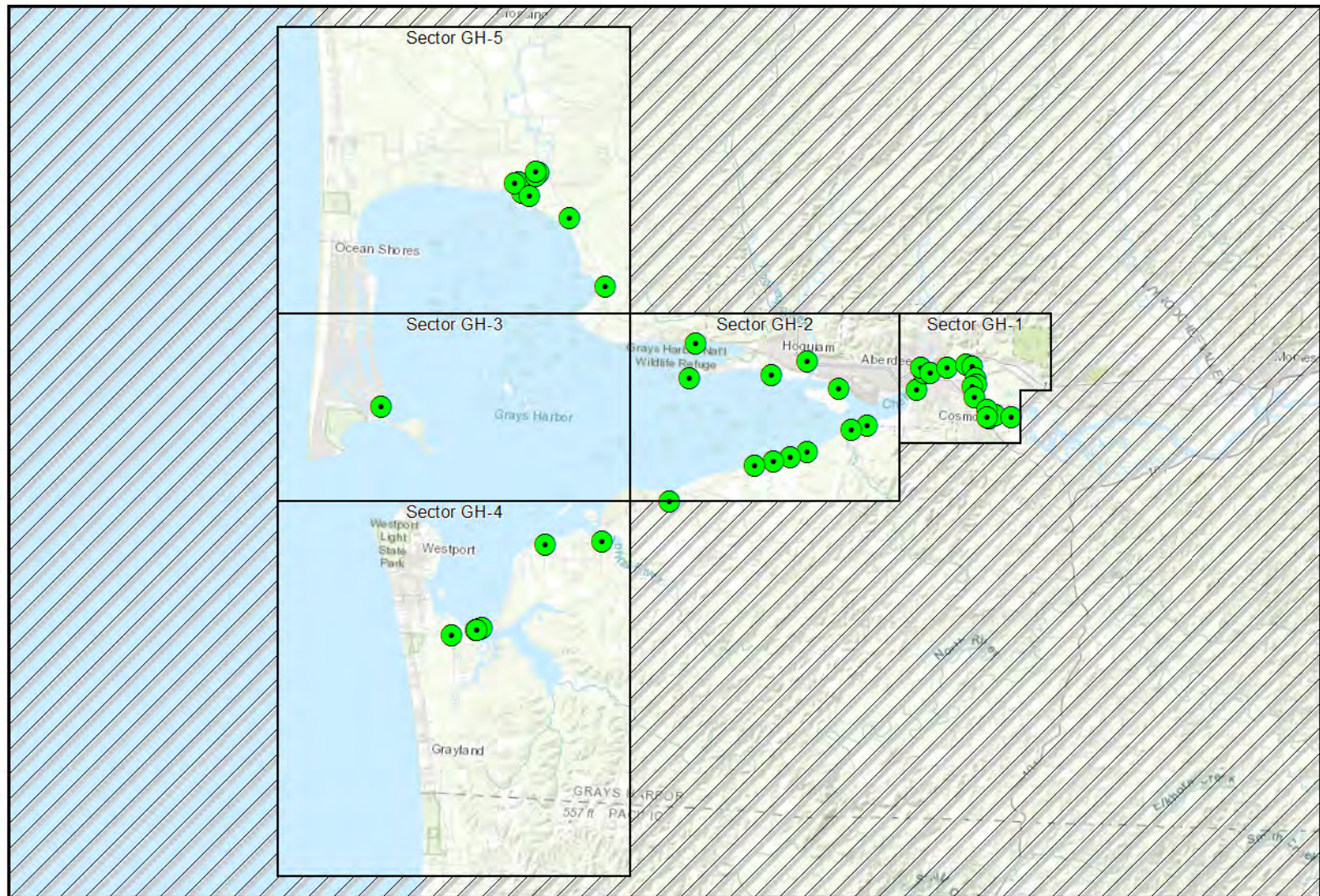
On-site Considerations

Before Deploying a GRP Strategy

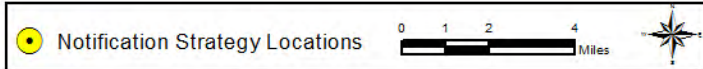
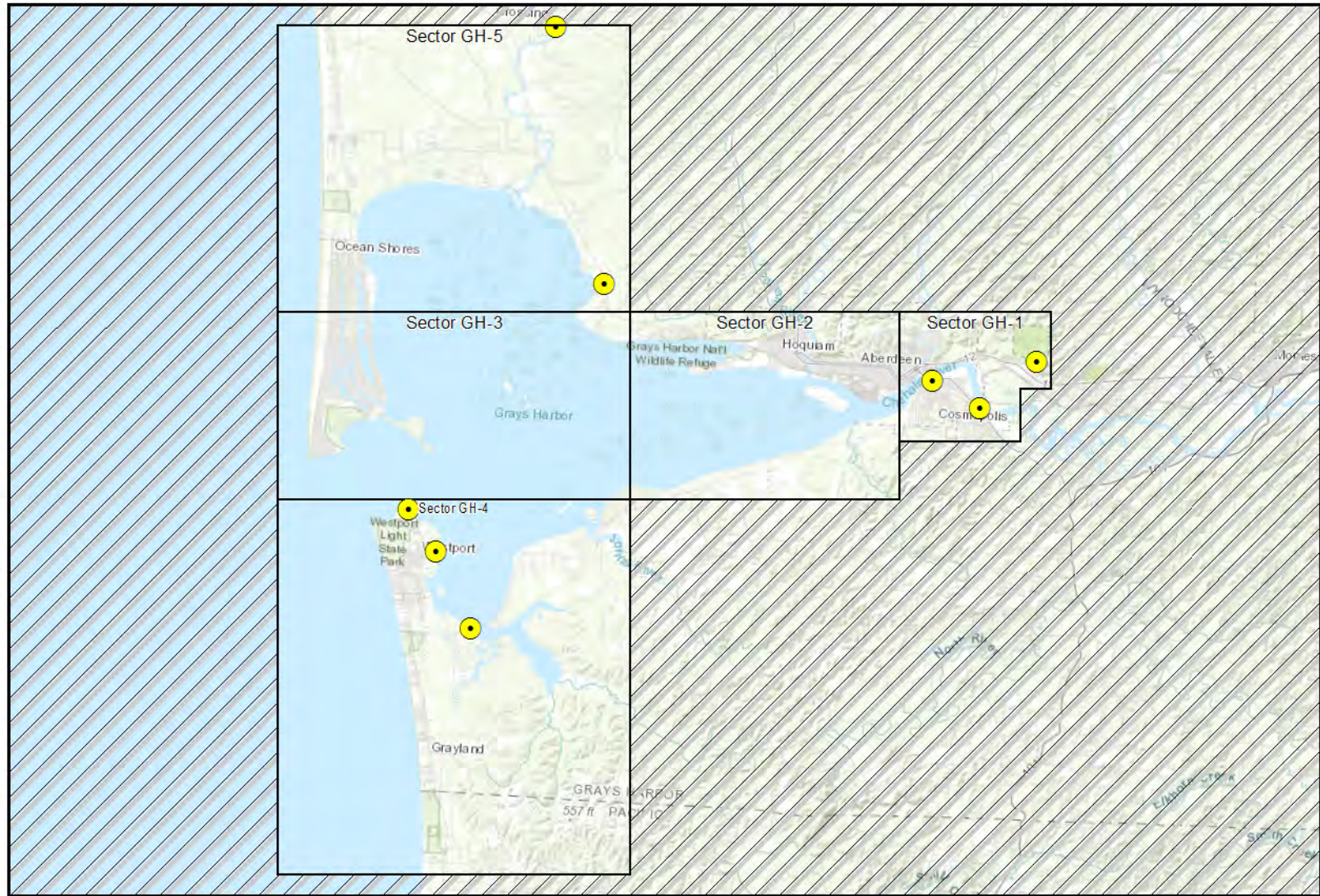
Will equipment or vehicles need to be staged on or near a roadway? If so, traffic control may be required. Contact the Washington State Patrol or local, county, municipality, or tribal police for assistance. At minimum, [Washington Department of Transportation \(WSDOT\) guidelines for work zone traffic control](#) should be followed when working on or near a roadway.

AREA OVERVIEW MAPS

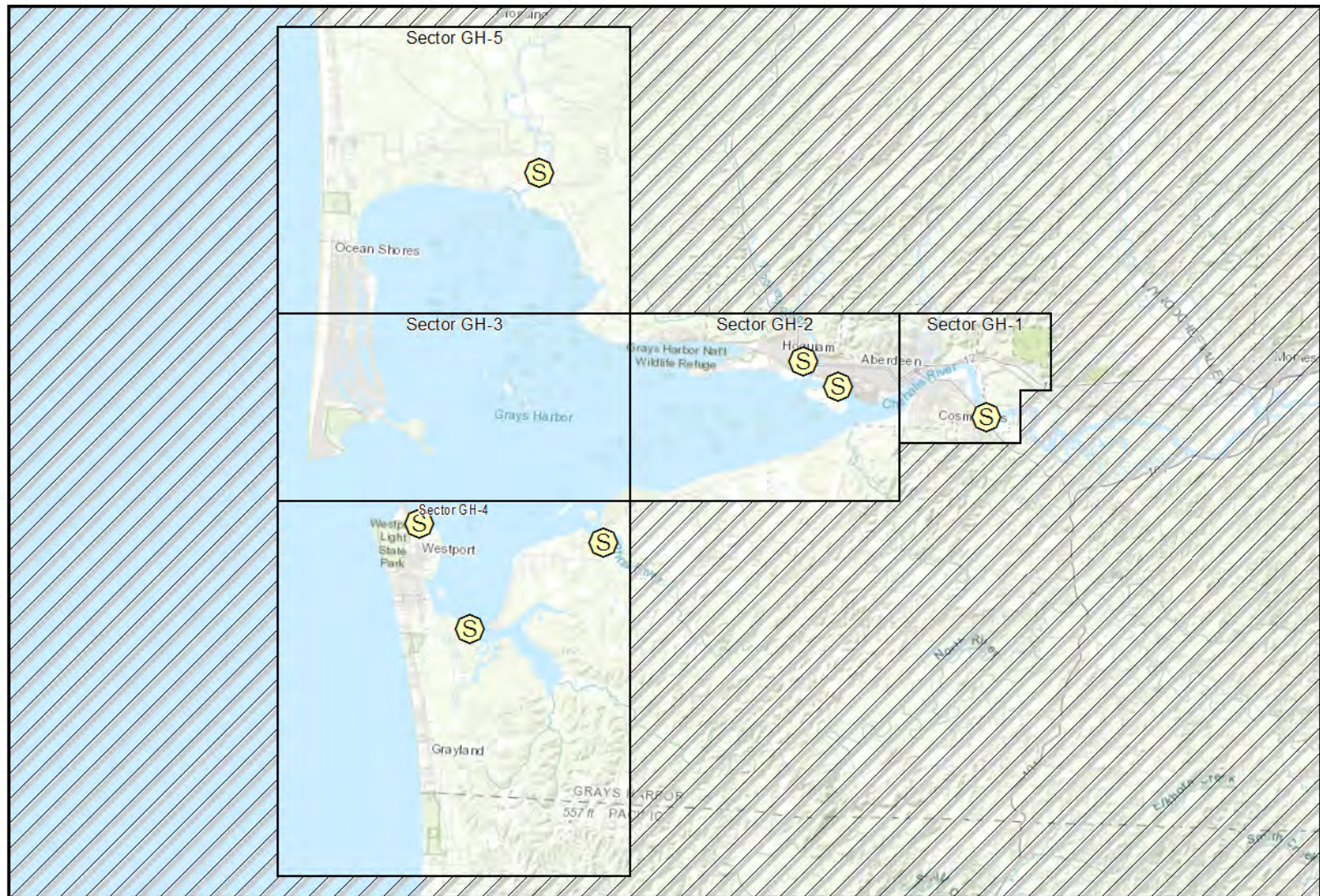
The following maps provide a geographic overview of the Grays Harbor GRP planning area. Sector maps provide more detail on the location of response strategies, notification strategies, staging areas, boat launch locations, and POSOPs. Detailed information for each location can be found in the matrices or in this section's appendices. Priority tables for potential oil spill origin points can be found below.



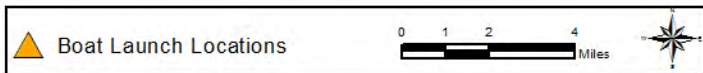
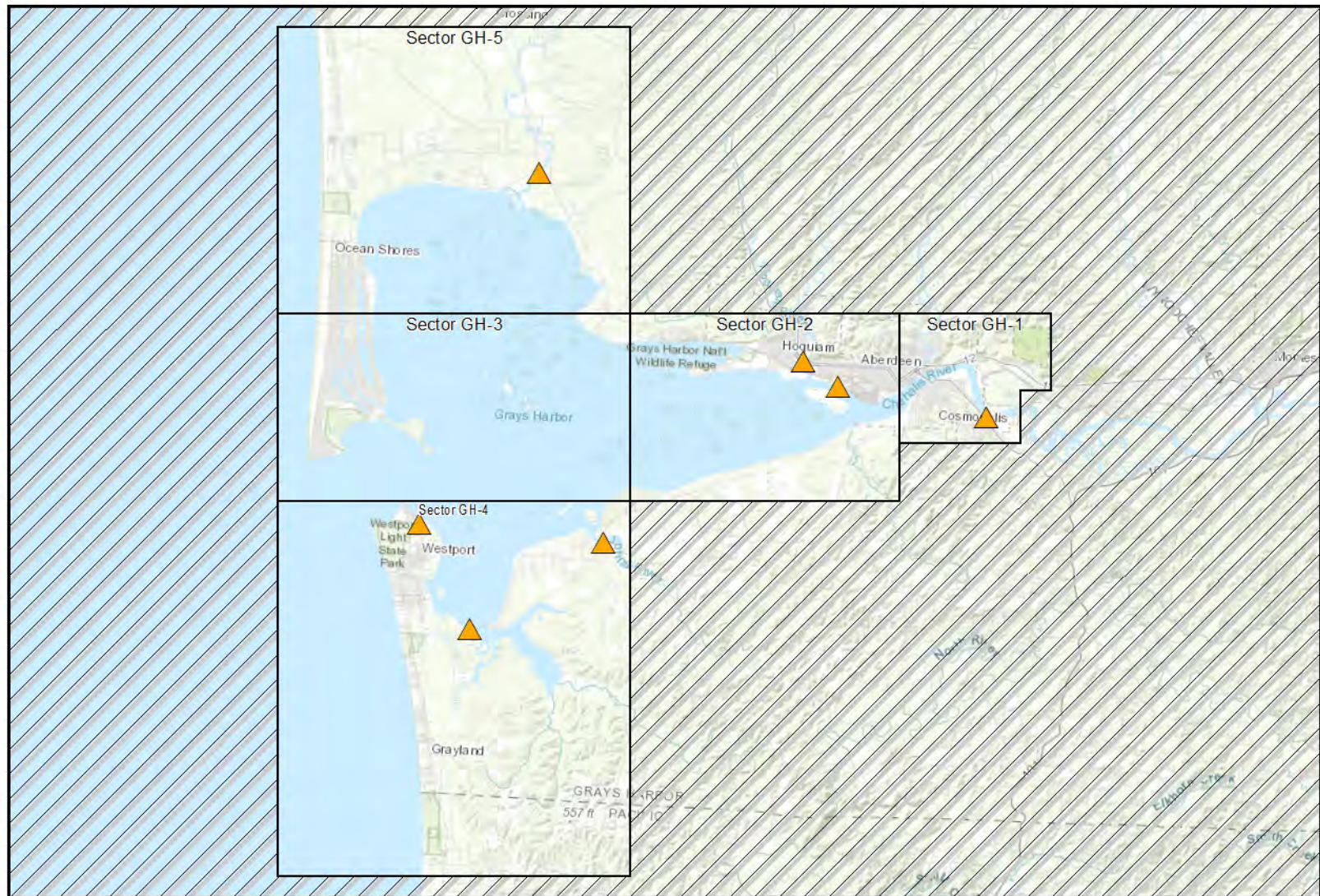
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,



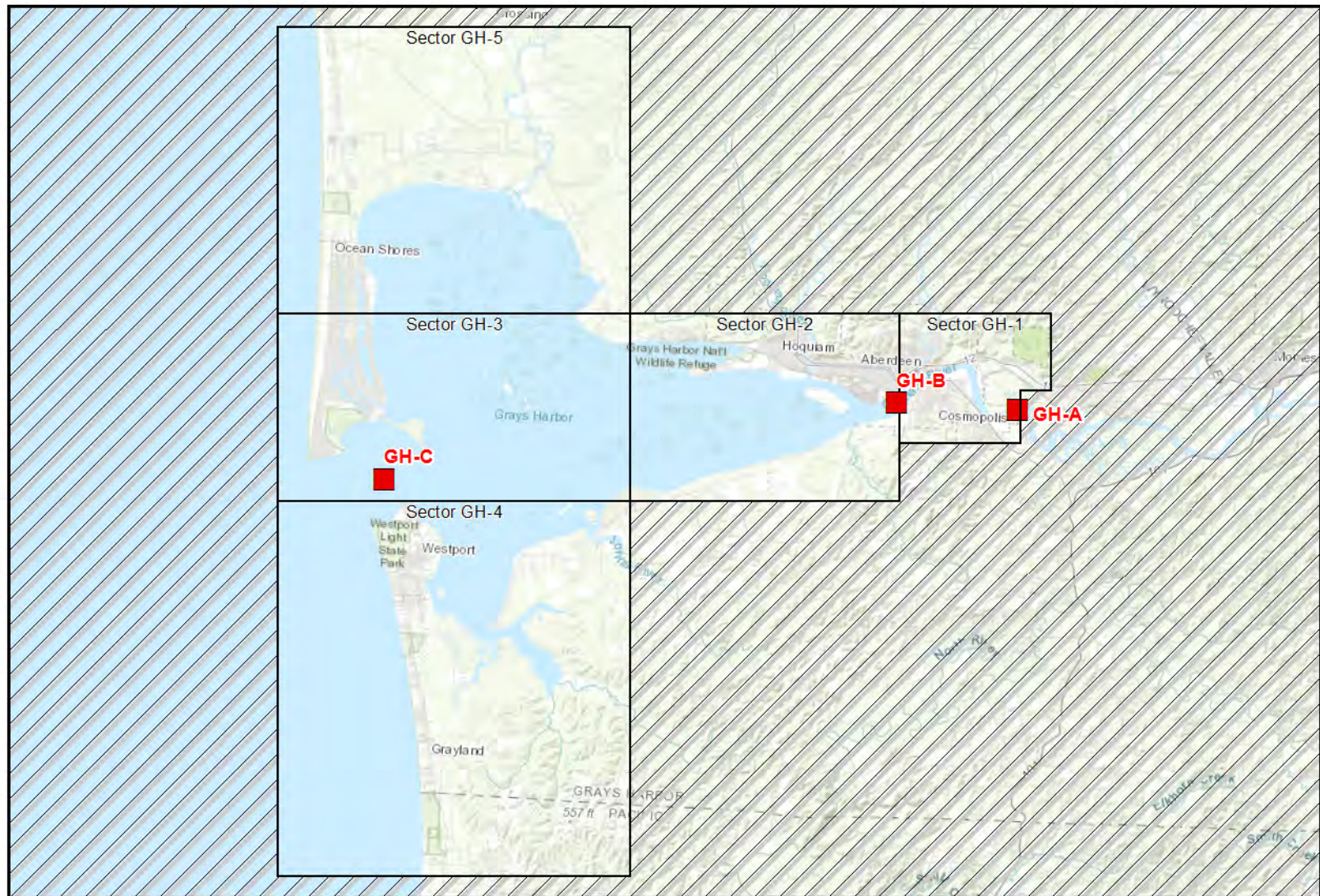
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,

STRATEGY AND RESPONSE PRIORITIES

Strategy Priorities based on Potential Oil Spill Origin Points

Potential Oil Spill Origin Points (POSOPs) are geographic locations that have a defined list of response strategy implementation priorities provided in a table within this section. The placement of each POSOP is often based on spill risks in the area. Occasionally POSOPs are generalized to ensure implementation priorities are developed throughout an entire planning area.

These points are displayed on area overview and sector maps as red squares. In establishing priorities during a response, or selecting an appropriate POSOP, the downstream movement of spilled oil and the time it takes to mobilize and deploy response resources must be considered. Generally, on streams, creeks, and rivers, GRP strategies should first be implemented downstream, well beyond the furthest extent of the spill, with deployments continuing upstream towards the spill source and in some cases slightly beyond. POSOPs are alphabetically designated.

The following tables provide the strategy implementation order for Potential Oil Spill Origin Points in this GRP: points GH-A through GH-C. The priority tables provided in this section were developed using a combination of variables, including notification time, travel time for responders and equipment, average and seasonal flow rates, average winds, deployment time, proximity to the spill source, trustee input, the relative priority of the resources at risk, and other considerations.

Source control and containment are a higher priority than GRP strategy implementation

Table 1: GH-A

GH-A (Chehalis River Upstream of Cosmopolis)				
Implementation Priority	Strategy Number	Sector Map	Strategy Details (Page #)	Comments
1	WSHR-0.0L	GH-1	143	Slack High Tide
2	CHER-0.7R	GH-1	57	Slack High Tide
3	CHER-1.3R	GH-1	59	Slack High Tide
4	CHER-1.4R	GH-1	61	Slack High Tide
5	CHER-1.8R	GH-1	65	Slack High Tide
6	CHER-2.2L	GH-1	69	Slack High Tide
7	CHER-2.6R	GH-1	71	Slack High Tide
8	CHER-3.0R	GH-1	77	Slack High Tide
9	CHER-3.5L	GH-1	79	Slack High Tide
10	CHER-2.8L	GH-1	75	Slack High Tide

Table 2a: GH-B

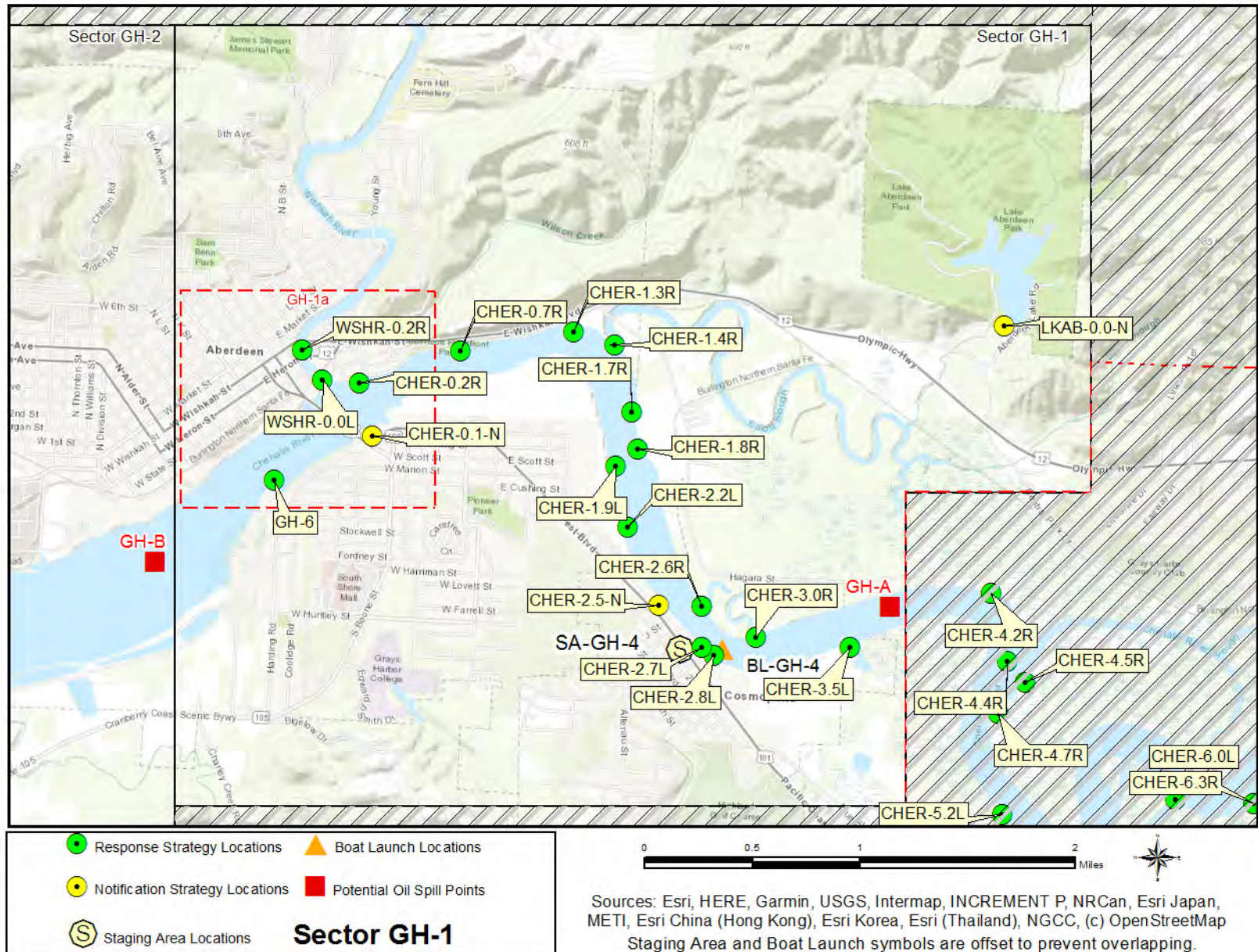
GH-B (Aberdeen & Hoquiam) – Flood Tide				
Implementa tion	Strategy Number	Sector Map	Strategy Details	Comments
1	CHER-1.3R	GH-1	59	Slack High Tide, or High > Low
2	CHER-0.7R	GH-1	57	Slack High Tide, or High > Low
3	CHER-1.4R	GH-1	61	Slack High Tide
4	CHER-1.7R	GH-1	63	Slack High Tide, or High > Low
5	CHER-1.9L	GH-1	67	Slack High Tide, or High > Low
6	CHER-2.7L	GH-1	73	Slack High Tide, or High > Low
7	CHER-2.6R	GH-1	71	Slack High Tide, or High > Low
8	CHER-3.0R	GH-1	77	Slack High Tide, or High > Low
9	CHER-3.5R	GH-1	79	Slack High Tide, or High > Low
10	CHER-2.8L	GH-1	75	Slack High Tide, or High > Low

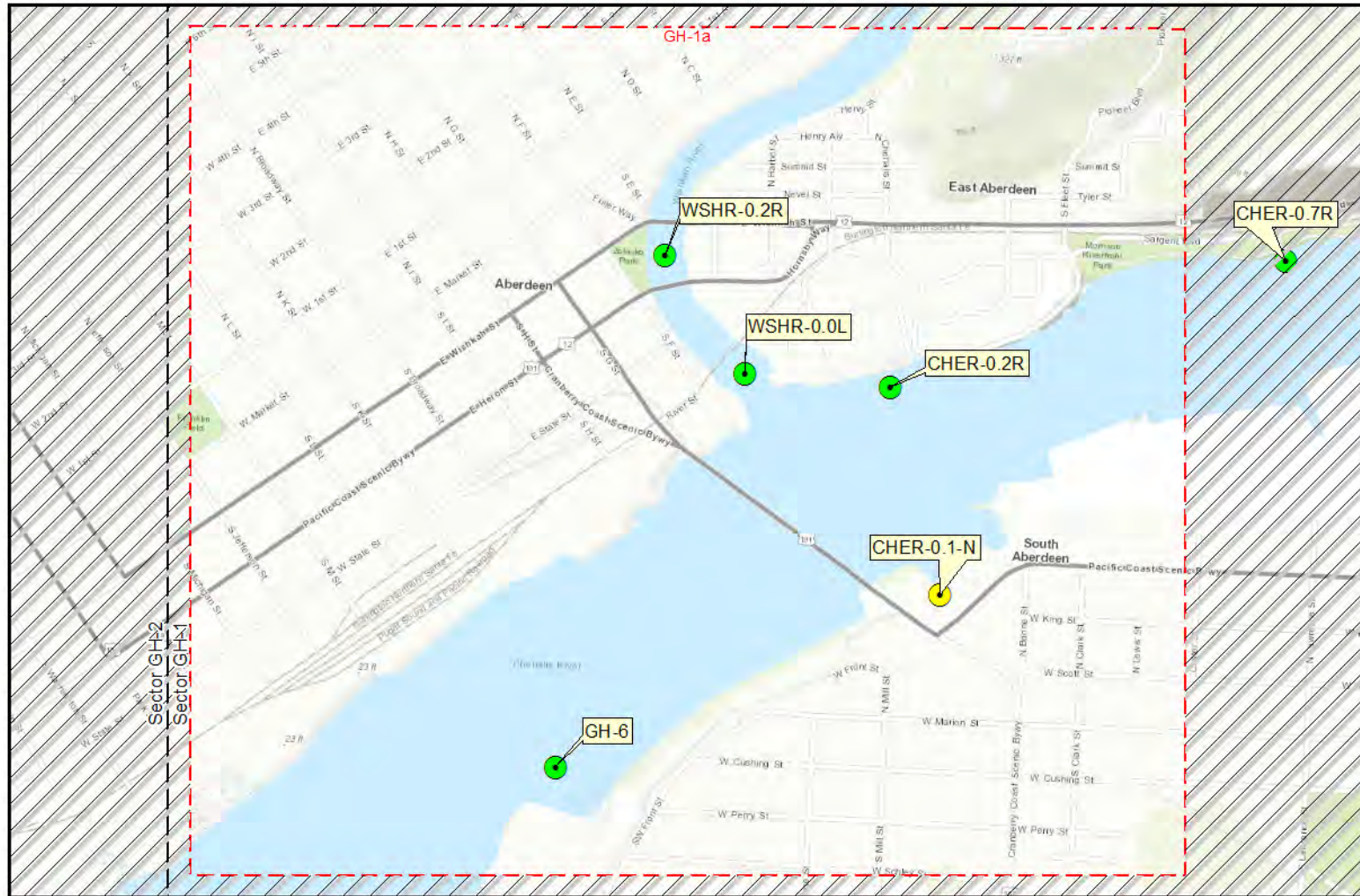
Table 2b: GH-B

GH-B (Aberdeen & Hoquiam) – Ebb Tide				
Implementa tion	Strategy Number	Sector Map	Strategy Details	Comments
1	GH-5	GH-2	99	
2	GH-4	GH-2	97	
3	GH-3	GH-2	95	
4	GH-2	GH-2	93	
5	HQQR-0.6R	GH-2	129	
6	NSKC-0.2	GH-2	137	
7	CHRC-0.1	GH-2	85	
8	GH-6	GH-2	101	

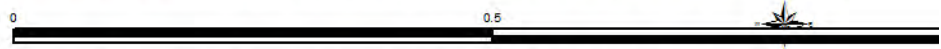
Table 1: GH-C

GH-C (Grays Harbor Entrance)				
Implementation Priority	Strategy Number	Sector Map	Strategy Details (Page #)	Comments
1	GH-2	GH-2	93	High Tide Only
2	GH-1	GH-3	91	DO NOT DEPLOY
3	GH-9	GH-4	107	Slack High Tide, or Low > High
4	GH-10	GH-4	109	Slack High Tide, or Low > High
5	GH-11	GH-4	111	Slack High Tide, or Low > High
6	GH-12	GH-4	113	Slack High Tide, or Low > High
7	GH-13	GH-4	115	Slack High Tide, or Low > High
8	GH-7	GH-4	103	
9	JHNR-0.3L	GH-4	135	Slack High Tide
10	OLRC-0.2	GH-2	139	

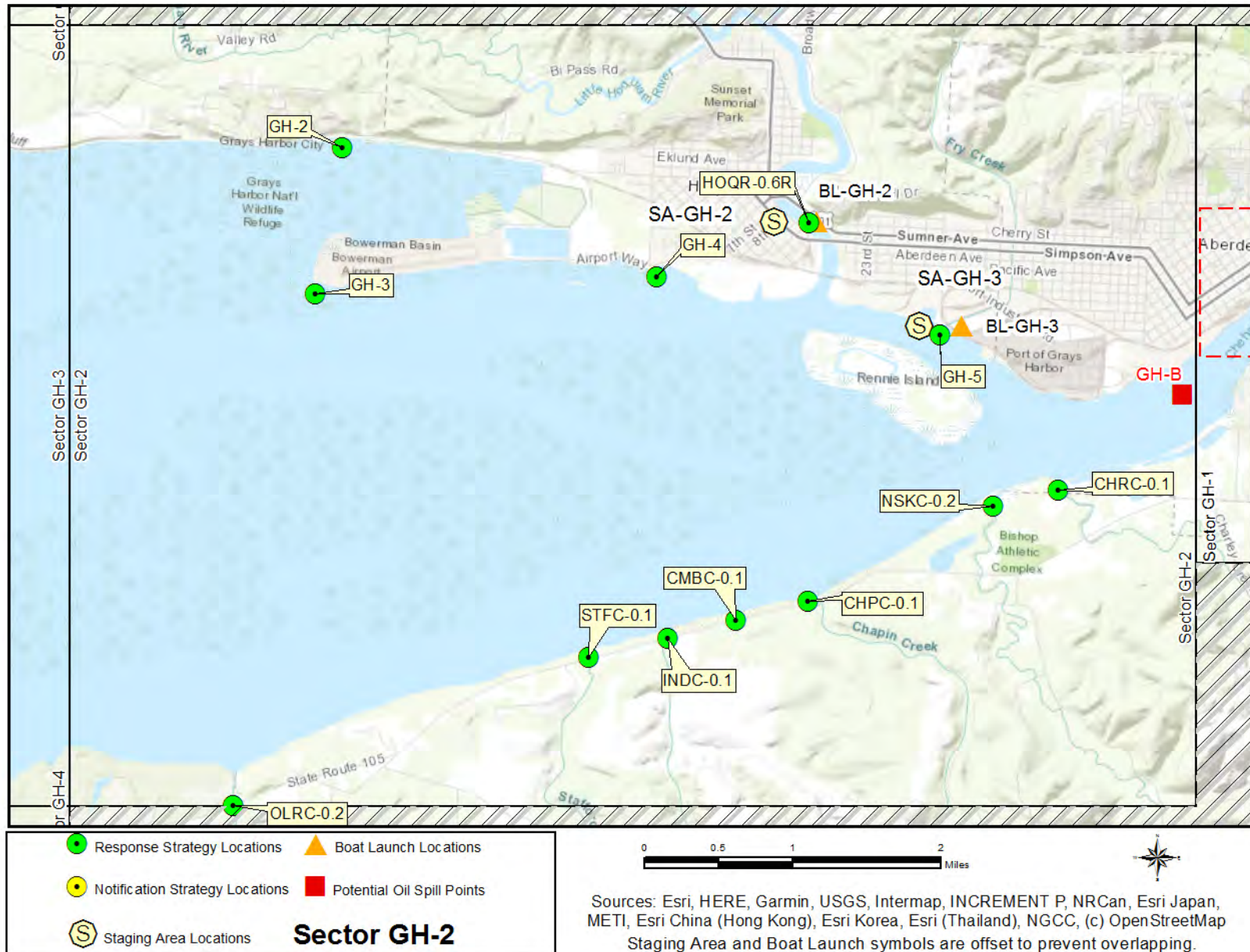


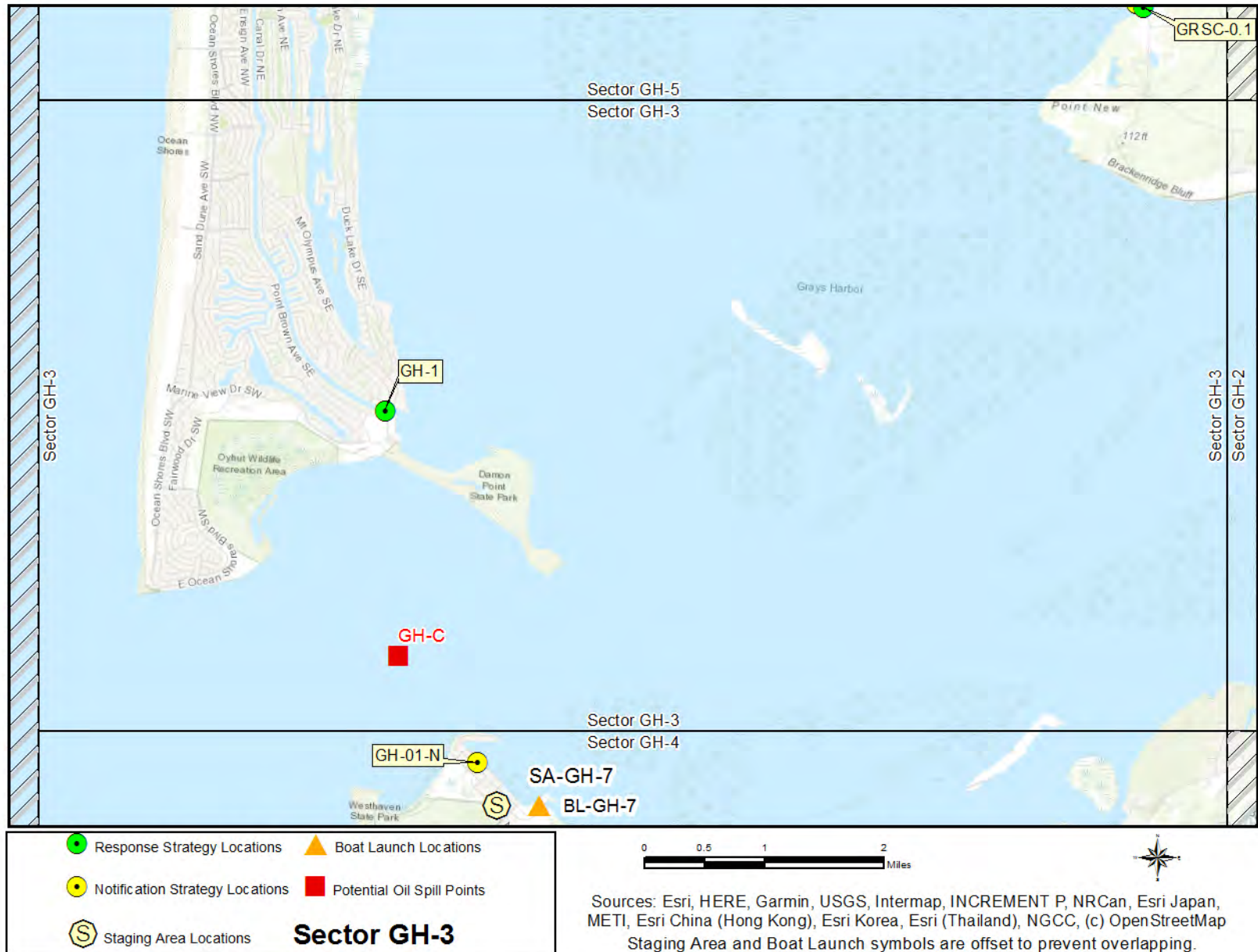


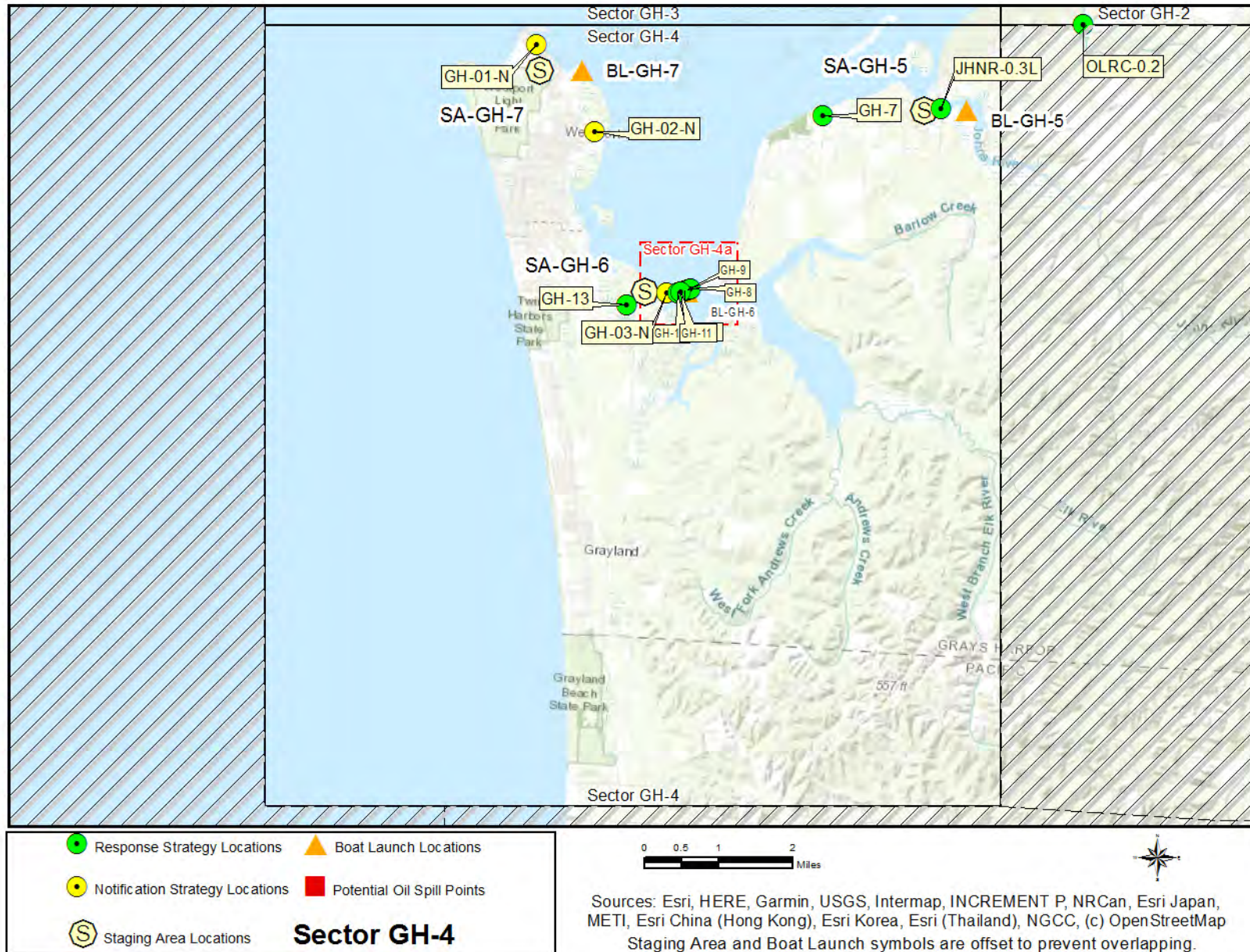
	Response Strategy Locations		Boat Launch Locations
	Notification Strategy Locations		Potential Oil Spill Locations
	Staging Area Locations	GH-1a	

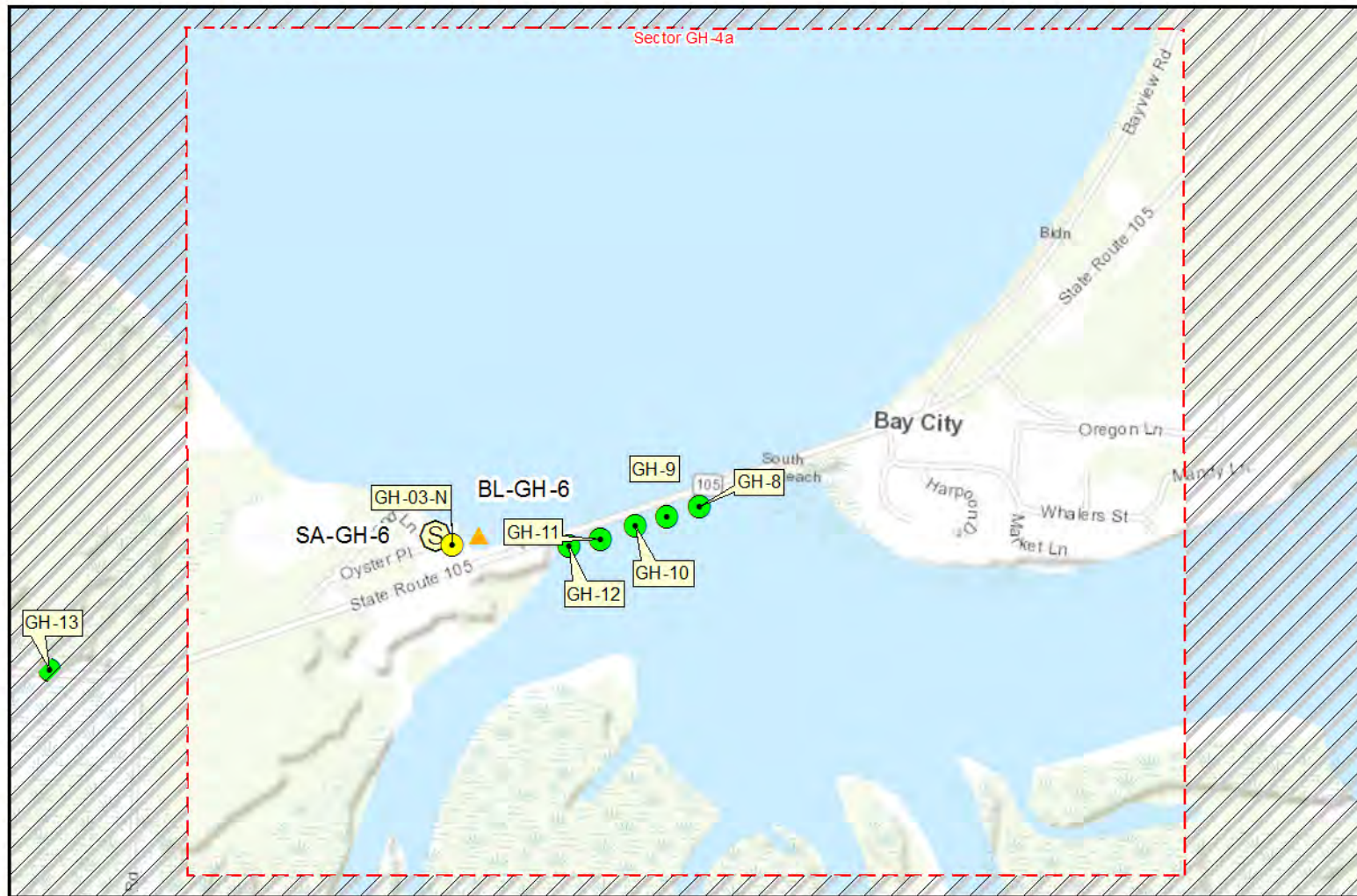







Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri
 DRAFT. Staging Area and Boat Launch symbols are offset to prevent overlapping.



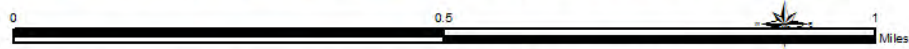




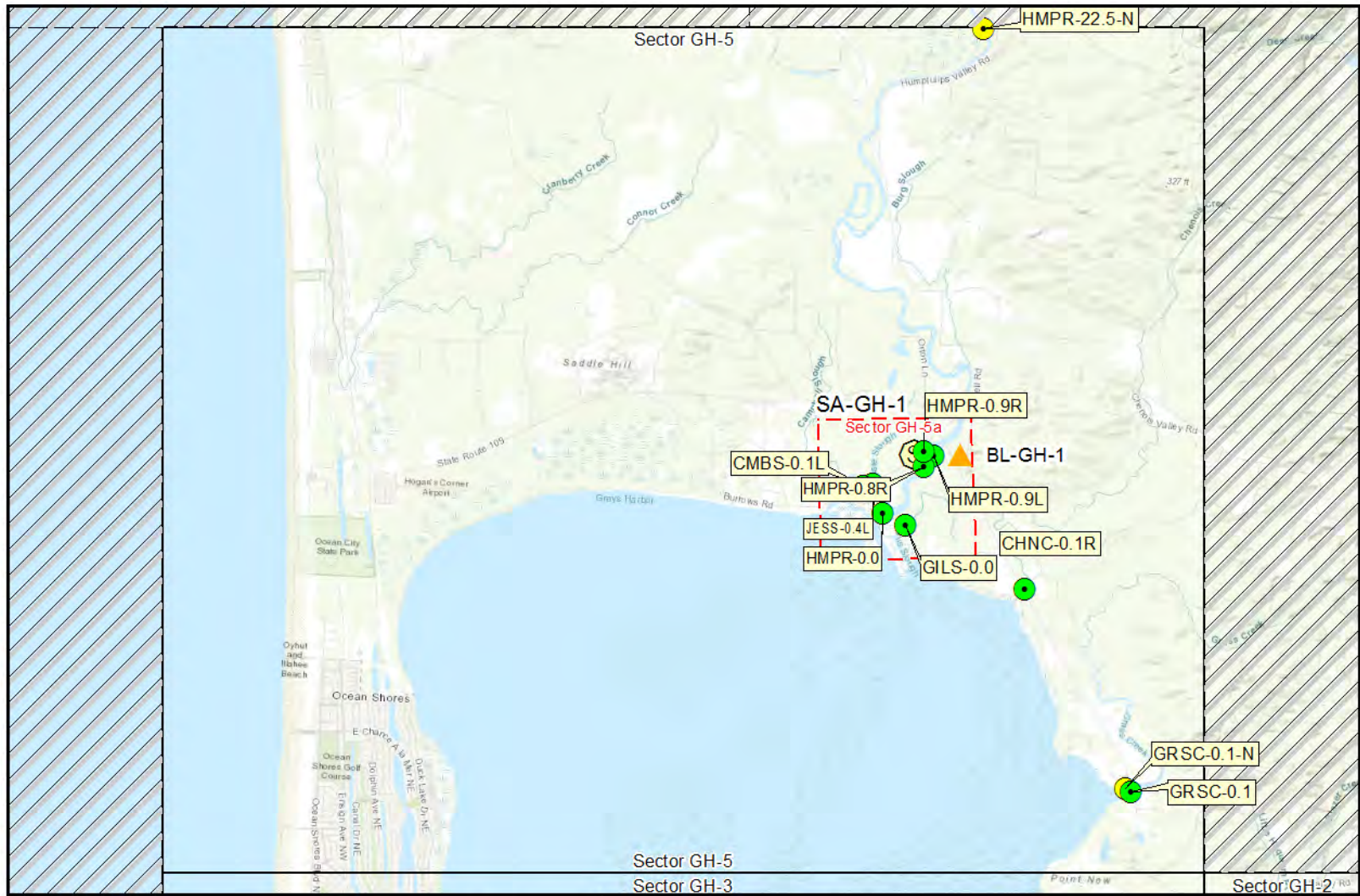


 Response Strategy Locations	 Boat Launch Locations
 Notification Strategy Locations	 Potential Oil Spill Locations
 Staging Area Locations	

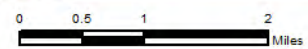
Sector GH-4a



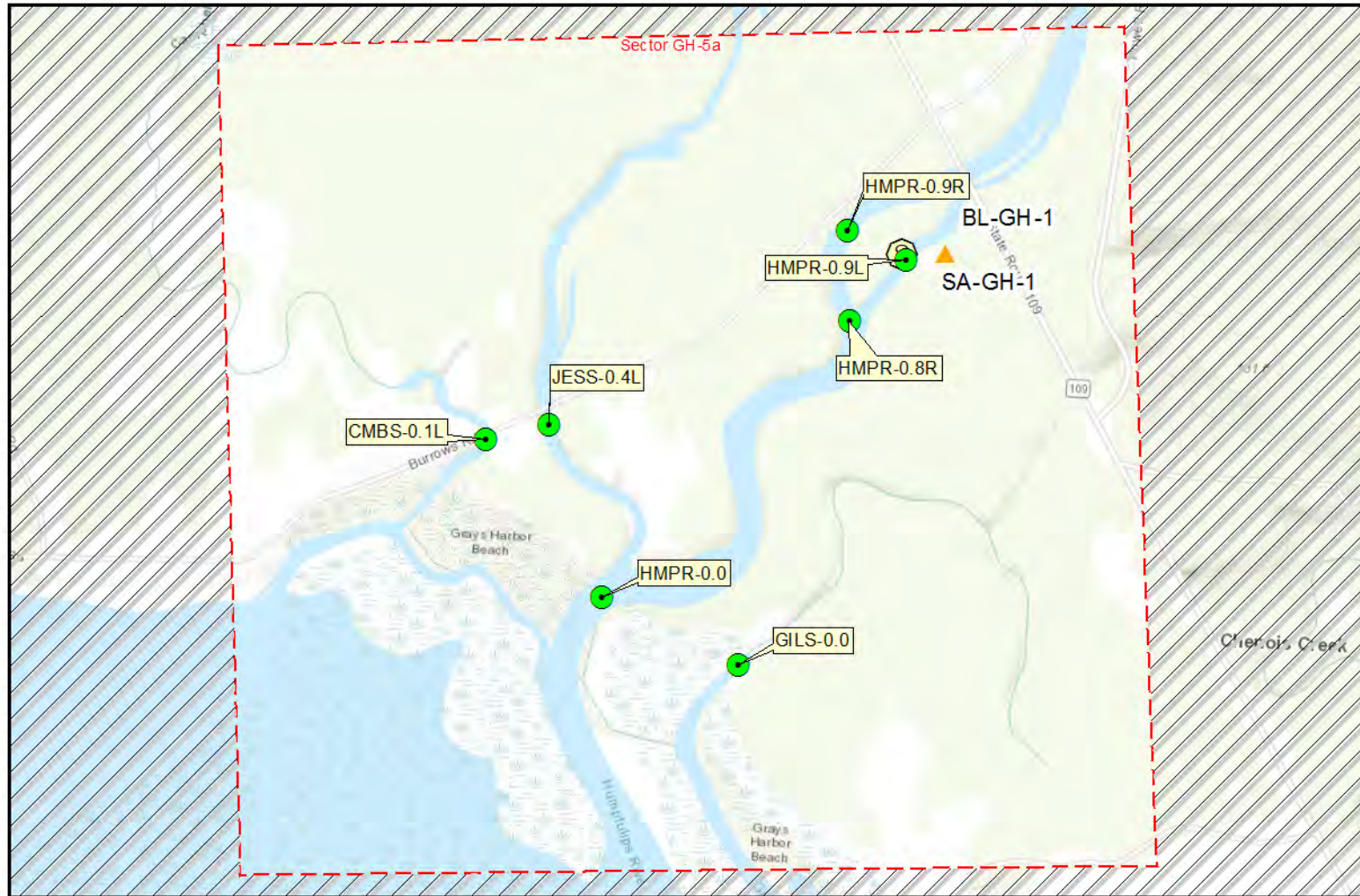
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri
 DRAFT. Staging Area and Boat Launch symbols are offset to prevent overlapping.



	Response Strategy Locations		Boat Launch Locations
	Notification Strategy Locations		Potential Oil Spill Points
	Staging Area Locations	Sector GH-5	



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap
 Staging Area and Boat Launch symbols are offset to prevent overlapping.



	Response Strategy Locations		Boat Launch Locations
	Notification Strategy Locations		Potential Oil Spill Locations
	Staging Area Locations	Sector GH-5a	

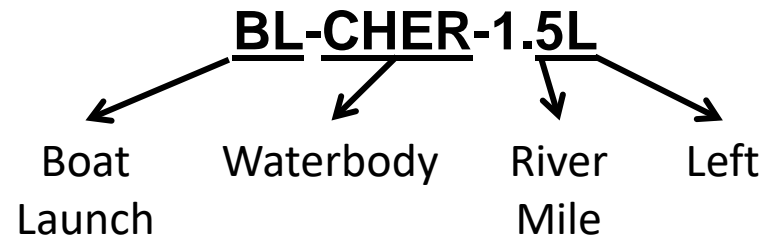


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri
 DRAFT. Staging Area and Boat Launch symbols are offset to prevent overlapping.

MATRICES

Naming Conventions (Short Names)

Each strategy, staging area, and boat launch location in this document has been given a unique “short name” which includes one to six letters denoting the associated waterbody. Following the letters are numbers that specify the location. On rivers or other linear waterbodies, the location is named by river mile: the distance from the mouth of the river or creek upstream to the site location. Some short names indicate whether the site is located on river right, river left, or mid-river by an “R”, “L” or “M” after the river mile. In marine areas, the numbers do not have a geographic meaning. Notification strategies are indicated by an “-N” at the end of the name. Staging Areas and Boat Launches are indicated by the prefix “SA-” or “BL-”.



Associated river body short name designations used within the plan include:

- | | | |
|-------------------------|---------------------------|------------------|
| CHER = Chehalis River | JESS = Jessie Slough | L = River Left |
| CHNC = Chenois Creek | JHNR = Johns River | R = River Right |
| CHPC = Chapin Creek | LKAB = Lake Aberdeen | M = River Middle |
| CHRC = Charley Creek | NSKC = Newskah Creek | |
| CMBC = Campbell Creek | OLRC = O’Leary Creek | |
| CMBS = Campbell Slough | STFC = Stafford Creek | |
| GH = Grays Harbor | WSHR = Wishkah River | |
| GILS = Gillis Slough | N = Notification Strategy | |
| GRSC = Grass Creek | SA = Staging Area | |
| HMPR = Humptulips River | BL = Boat Launch | |
| HOQR = Hoquiam River | | |
| INDC = Indian Creek | | |

Response Strategy Matrices

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CHER-0.2R	Chehalis River Mouth Right Bank 46.97448 -123.80595	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-3 28th Street Landing (2800 John Stevens Way, Hoquiam, WA 98550).	Resident Fish, Salmonids, Waterfowl, Wetlands	Boom may need to be angled upriver depending upon the tidal conditions and/or spill origin during deployment. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	55
CHER-0.7R	Morrison Park 46.97692 -123.79615	Collection	Boom 500ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).	Resident Fish, Salmonids, Waterfowl, Wetlands	Boom may need to be angled upriver depending upon the tidal conditions and/or spill origin during deployment. Responders can drive to park (Sargent Blvd in Aberdeen). Call City of Aberdeen before deployment (360-537-3229).	Sector GH-1	57

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CHER-1.3R	Lakeside Industries Plant 46.97853 -123.78512	Collection	Boom 500ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Boom may need to be angled upriver depending upon the tidal conditions and/or spill origin during deployment. Responders can drive to facility (2400 Sargent Blvd in Aberdeen). Call Lakeside before deployment (360-533-0610).	Sector GH-1	59
CHER-1.4R	Elliott Slough 46.97781 -123.78101	Exclusion	Boom 500ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Anchor point A is next to the Lakeside Industries facility. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	61
CHER-1.7R	Sierra Pacific Industries Dock (North End) 46.97335 -123.77912	Collection	Boom 500ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Facility staff will help onshore responders reach the dock safely. Call Sierra Pacific Industries before deployment (360-532-2323).	Sector GH-1	63

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CHER-1.8R	Sierra Pacific Industries Dock (South End) 46.97081 -123.77838	Collection	Boom 600ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Facility staff will help onshore responders reach the dock safely. Call Sierra Pacific Industries before deployment (360-532-2323).	Sector GH-1	65
CHER-1.9L	Weyerhaeuser Dock (North End) 46.96964 -123.78048	Collection	Boom 600ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Pacific Veneer (neighbor to north of property) can provide access for vac truck. Call Weyerhaeuser before deployment (206-539-3000).	Sector GH-1	67
CHER-2.2L	Weyerhaeuser Dock (South End) 46.96556 -123.77902	Collection	Boom 500ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Dock extension visible in aerial image is no longer present. Pacific Veneer (neighbor to north of property) can provide access to vac truck. Call Weyerhaeuser before deployment (206-539-3000).	Sector GH-1	69

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CHER-2.6R	Chehalis River (Right Bank) Mile 2.6 46.96044 -123.77148	Exclusion	Boom 200ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	71
CHER-2.7L	F Street Boat Launch (North) 46.95767 -123.77122	Collection	Boom 600ft	Yes	Onsite Stage equipment onsite.	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Do not block staging area/boat launch operations. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	73
CHER-2.8L	F Street Boat Launch (South) 46.95720 -123.77008	Exclusion	Boom 700ft	Yes	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Sensitive Resources	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	75

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CHER-3.0R	Chehalis River (Right Bank) Mile 3.0 46.95850 -123.76601	Exclusion	Boom 200ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).	Backwater Habitat, Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	77
CHER-3.5L	Chehalis River (Left Bank) 46.95813 -123.75672	Exclusion	Boom 400ft	Yes	Remote Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	79
CHNC-0.1R	Chenois Creek 47.03145 -124.02542	Collection	Boom 300ft	Yes	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Sensitive Resources Nearby, Waterfowl, Wetlands	There is a dirt road along the right bank of the creek (on north side of bridge). Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	81

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CHPC-0.1	Chapin Creek 46.94016 -123.87748	Exclusion	Boom 100ft	No	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Little to no road shoulder. Law enforcement will likely need to control traffic to ensure responder safety. Call Grays Harbor County before deployment (360-249-3911).	Sector GH- 2	83
CHRC-0.1	Charley Creek 46.95202 -123.84253	Exclusion	Boom 200ft	No	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Drive to Bishop Athletic Complex and transport equipment with an off-road vehicle north along walking trails. Babineau Bridge is part of the Chehalis River Walkway. Call Grays Harbor County before deployment (360-249-3911).	Sector GH- 2	85

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CMBC-0.1	Campbell Creek 46.93799 -123.88770	Exclusion	Boom 100ft	No	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Little to no road shoulder. Law enforcement will likely need to control traffic to ensure responder safety. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-2	87
CMBS-0.1L	Campbell Slough 47.04461 -124.05895	Collection	Boom 200ft	Yes	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Narrow road shoulder. Law enforcement may need to control traffic. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	89
GH-1	South End Grand Canal Park 46.95109 -124.13289	Exclusion	Boom 200ft	Yes	Onsite Stage equipment onsite.	Forage Fish, Kelp Beds, Resident Fish, Salmonids	DO NOT DEPLOY. dock that extends out into the canal. Call City of Ocean Shores before deployment (360-289-3331).	Sector GH-3	91

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-2	Grays Harbor National Wildlife Refuge 46.98246 -123.94674	Collection	Boom 1000ft	Yes	Remote Stage equipment at SA-GH-2 Levee Street Boat Launch (813 Levee St, Hoquiam, WA 98550).	Eelgrass, Marsh, Mud Flat(s), Resident Fish, Salmonids, Shorebirds, Sweetgrass, Waterfowl, Wildlife Refuge	The onsite address is 158 WA-109 in Hoquiam. Call Grays Harbor National Wildlife Refuge before deployment (360-532-0892).	Sector GH-2	93
GH-3	Bowerman Airport on Moon Island 46.96807 -123.94976	Deflection	Boom 1000ft	Yes	Remote Stage equipment at SA-GH-2 Levee Street Boat Launch (813 Levee St, Hoquiam, WA 98550).	Eelgrass, Marsh, Mud Flat(s), Resident Fish, Salmonids, Shorebirds, Sweetgrass, Waterfowl, Wildlife Refuge	Boom may need to be angled in a southeasterly direction depending upon the tidal conditions and/or spill origin during deployment. Onsite address is Airport Way in Hoquiam. Call Port of Grays Harbor before deployment (360-533-9528).	Sector GH-2	95

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-4	Old Cannery Park 46.97116 -123.90109	Collection	Boom 600ft	Yes	Remote Stage equipment at SA-GH-2 Levee Street Boat Launch (813 Levee St, Hoquiam, WA 98550).	City Park, Estuary Resources, Raptors, Resident Fish, Salmonids, Shorebirds, Waterfowl	Boom may need to be angled in a southwesterly direction depending upon the tidal conditions and/or spill origin during deployment. Onsite address is 1355 5th St in Aberdeen. Call City of Hoquiam before deployment (360-532-0892).	Sector GH-2	97
GH-5	28th Street Boat Launch 46.96677 -123.86022	Collection	Boom 800ft	Yes	Onsite Stage equipment onsite.	Marsh, Resident Fish, Salmonids	Boom may need to be angled in a southwesterly direction depending upon the tidal conditions and/or spill origin during deployment. Call Port of Grays Harbor before deployment (360-533-9528).	Sector GH-2	99

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-6	Aberdeen Reach 46.96772 -123.81394	Collection	Boom 600ft	Yes	Remote Stage equipment at SA-GH-3 28th Street Landing (2800 John Stevens Way, Hoquiam, WA 98550).	Marsh, Resident Fish, Salmonids, Waterfowl	A vacuum truck may not be able to reach the shoreline. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	101
GH-7	Redman Slough 46.89766 -124.03113	Exclusion	Boom 100ft	Yes	Onsite Stage equipment onsite.	Eelgrass, Raptors, Resident Fish, Salmonids, Shellfish, Shorebirds, State Park, Waterfowl, Wetlands	Bottle Beach State Park is upstream of this location. Collection operations may be possible at times. Gate at end of road may or may not be unlocked. Call Grays Harbor Audubon Society (property owner) before deployment (360-495-3950).	Sector GH-4	103

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-8	WA-105 Bridge over Elk River Mouth (East) 46.86260 -124.06665	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).	Eelgrass, Forage Fish, Heron, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl	Call Grays Harbor County before deployment (360- 249-3911).	Sector GH- 4	105

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-9	WA-105 Bridge over Elk River Mouth (Center-East) 46.86238 -124.06754	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).	Eelgrass, Forage Fish, Herons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl	Chevron may need to be angled upriver depending upon the tidal conditions. Call Grays Harbor County before deployment (360- 249-3911).	Sector GH- 4	107

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-10	WA-105 Bridge over Elk River Mouth (Center) 46.86218 -124.06840	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).	Eelgrass, Forage Fish, Hérons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl	Call Grays Harbor County before deployment (360- 249-3911).	Sector GH- 4	109

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-11	WA-105 Bridge over Elk River Mouth (Center-West) 46.86189 -124.06934	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).	Eelgrass, Forage Fish, Herons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl	Chevron may need to be angled upriver depending upon the tidal conditions. Call Grays Harbor County before deployment (360- 249-3911).	Sector GH- 4	111

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GH-12	WA-105 Bridge over Elk River Mouth (West) 46.86173 -124.07023	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).	Eelgrass, Forage Fish, Hérons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl	Call Grays Harbor County before deployment (360- 249-3911).	Sector GH- 4	113
GH-13	Unnamed Slough in South Bay 46.85892 -124.08453	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment onsite.	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl	No road shoulder. Law enforcement may need to control traffic. Hunt Club Rd (to east of location) may be the best spot for a staging area. Call Grays Harbor County before deployment (360- 249-3911).	Sector GH- 4	115

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GILS-0.0	Gillis Slough 47.03959 -124.04997	Exclusion	Boom 400ft	Yes	Remote Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).	Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Deploy at high tide only. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	117
GRSC-0.1	Grass Creek 47.00407 -124.00203	Exclusion	Boom 400ft	Yes	Onsite Stage equipment onsite.	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Lytle Seafoods on the right bank of the creek is a notification strategy (GRSC-0.1-N). Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	119
HMPR-0.0	Humptulips River Mouth 47.04102 -124.05473	Exclusion	Boom 400ft	Yes	Remote Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).	Resident Fish, Salmonids, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	121

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
HMPR-0.8R	Humptulips River Right Bank 47.04777 -124.04668	Exclusion	Boom 300ft	Yes	Remote Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).	Resident Fish, Salmonids, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	123
HMPR-0.9L	Humptulips River at Morley WDFW Water Access Area 47.04923 -124.04482	Collection	Boom 300ft	Yes	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	125
HMPR-0.9R	Humptulips River (Right Bank) 47.04986 -124.04686	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).	Resident Fish, Salmonids, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911). The vac truck can park and operate along Burrows Road.	Sector GH-5	127

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
HOQR-0.6R	Levee Street Boat Launch 46.97713 -123.87976	Collection	Boom 800ft	Yes	Onsite Stage equipment onsite.	City Park, Resident Fish, Salmonids	Call City of Hoquiam before deployment (360-532-0892).	Sector GH-2	129
INDC-0.1	Indian Creek 46.93594 -123.89729	Exclusion	Boom 100ft	No	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Little to no road shoulder. Law enforcement will likely need to control traffic to ensure responder safety. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-2	131
JESS-0.4L	Jessie Slough 47.04500 -124.05682	Collection	Boom 300ft	Yes	Onsite Stage equipment onsite.	Backwater Habitat, Resident Fish, Salmonids, Waterfowl, Wetlands	Call Grays Harbor County before deployment (360-249-3911).	Sector GH-5	133
JHNR-0.3L	Johns River WDFW Water Access Area 46.90013 -123.99768	Collection	Boom 700ft	Yes	Onsite Stage equipment onsite.	Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl	Call WDFW before deployment (360-249-4628).	Sector GH-4	135

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
NSKC-0.2	Newskah Creek 46.95018 -123.85161	Exclusion	Boom 100ft	No	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Drive to Bishop Athletic Complex and transport equipment with an off-road vehicle north along walking trails. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-2	137
OLRC-0.2	O'Leary Creek 46.91778 -123.95816	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	Road shoulder is widest near driveway east of strategy location. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-2	139
STFC-0.1	Stafford Creek 46.93371 -123.90844	Exclusion	Boom 100ft	No	Onsite Stage equipment onsite.	Resident Fish, Salmonids, Waterfowl, Wetlands	There is a good area for staging equipment on the northwest side of the bridge. Call Grays Harbor County before deployment (360-249-3911).	Sector GH-2	141

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
WSHR-0.0L	Wishkah River Mouth 46.97460 -123.80959	Exclusion	Boom 500ft	Yes	Remote Stage equipment at SA-GH-3 28th Street Boat Launch (2800 John Stevens Way, Hoquiam, WA 98550).	Resident Fish, Salmonids	It may be possible to collect oil on river left at times (between Best Western and Walmart). Call Grays Harbor County before deployment (360-249-3911).	Sector GH-1	143
WSHR-0.2R	Zelasko Park 46.97659 -123.81173	Collection	Boom 400ft	Yes	Remote Stage equipment at SA-GH-3 28th Street Boat Launch (2800 John Stevens Way, Hoquiam, WA 98550).	Resident Fish, Salmonids	Responders can easily drive a vac truck to the park. Call City of Aberdeen before deployment (360-537-3229).	Sector GH-1	145

Notification Strategy Matrices

Strategy Name	Location	Strategy Type	Resources at Risk	Implementation	Comments	Sector Map	Strategy Details (Page#)
CHER-0.1-N	City of Aberdeen Tidal Gate 46.97095 -123.80449	Notification	Resident Fish, Salmonids	Call the city at (360) 537-3393 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.	Notify the City of Aberdeen so they can take action to protect the resources under their control.	Sector GH-1	149
CHER-2.5-N	City of Cosmopolis Tidal Gate 46.96038 -123.77563	Notification	Resident Fish, Salmonids, Sensitive Resources	Call the city at (360) 533-8765 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.	Notify the City of Cosmopolis so they can take action to protect the resources under their control.	Sector GH-1	151

GH-01-N	Westport Aquarium 46.90903 -124.11374	Notification	Water Intakes	Call the aquarium at (360) 268-7070 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.	Notify the aquarium so they can take action to protect the resources under their control.	Sector GH-4	153
GH-02-N	City of Westport Tidal Gate 46.89250 -124.09604	Notification	Resident Fish, Salmonids	Call the city at (360) 268-9091 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.	Notify the City of Westport so they can take action to protect the resources under their control.	Sector GH-4	155
GH-03-N	Brady's Oysters 46.86166 -124.07349	Notification	Shellfish, Water Intakes	Call the owner at (360) 268-0077 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the shellfish operation, so they can take action to protect the resources under their control.	Notify Brady's Oysters so they can take action to protect the resources under their control.	Sector GH-4	157

GRSC-0.1-N	Lytle Seafoods 47.00452 -124.00322	Notification	Shellfish, Water Intakes	Call the owner at (360) 538-2654 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the shellfish operation, so they can take action to protect the resources under their control.	Notify Lytle Seafoods so they can take action to protect the resources under their control.	Sector GH-5	159
HMPR-22.5-N	WDFW Humptulips Hatchery 47.10859 -124.03874	Notification	Fish Hatchery, Salmonids	Call WDFW at (360) 601-1301 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the hatchery on the Humptulips River, so they can take action to protect the resources under their control.	Notify WDFW so they can take action to protect the resources under their control.	Sector GH-5	161
LKAB-0.0-N	WDFW Lake Aberdeen Hatchery 46.98016 -123.74282	Notification	Fish Hatchery, Salmonids	Call WDFW at (360) 601-1301 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the hatchery on a Chehalis River tributary, so they can take action to protect the resources under their control.	Notify WDFW so they can take action to protect the resources under their control.	Sector GH-1	163

<p>BING-17.7-N</p>	<p>WDFW Chehalis Basin Hatcheries 47.04222 - 123.51993</p>	<p>Notification</p>	<p>Salmonids</p>	<p>Notify WDFW Region 6 Hatchery Manager. Call 360-249-1203. Hatcheries to be notified include: Bingham Creek, Skookumchuck, and Lake Aberdeen. Release locations include Skookumchuck River (Centralia), Satsop River (Satsop), Wynoochee (Montesano) and Elliot Slough (Aberdeen).</p>	<p>Inform WDFW hatcheries of oil spill in area so that release of fish won't coincide with ongoing spill response efforts.</p>	<p>Sector CHER-1</p>	<p>CHER-GRP</p>
<p>EFSTSP-14.3-N</p>	<p>Satsop Springs Hatchery 47.04194 - 123.52102</p>	<p>Notification</p>	<p>Salmonids</p>	<p>Call 360-482-3364 to inform the Chehalis Basin Fisheries Task Force that a spill has occurred. If the spill is on the East Fork Satsop River, advise they shut down their water intake. Ask them to notify all projects that also release salmon in the Chehalis basin.</p>	<p>Notify hatchery of oil spill.</p>	<p>Sector CHER-1</p>	<p>CHER-GRP</p>

Staging Area Matrices

Strategy Name	Location	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
SA-GH-1	Morley WDFW Water Access Area	47.04939 -124.0441	1300 WA-109 Hoquiam, WA 98550	WDFW Coastal - Region 6 Montesano, WA 98563 360-249-4628	HMPR-0.9R, HMPR-0.9L, HMPR-0.8R, GILS-0.0, HMPR-0.0	Public staging area and boat launch on the left bank of the Humptulips River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.	Sector GH-5	167
SA-GH-2	Levee Street Boat Launch	46.97720 -123.8816	813 Levee St Hoquiam, WA 98550	City of Hoquiam Police Dept. Hoquiam, WA 98550 360-532-0892	GH-2, GH-3b, HOQR-0.6R, GH-2b	Staging area and boat launch on the right bank of the Hoquiam River. Notify the City of Hoquiam before staging equipment (360-532-0892). A collection strategy is at the same location.	Sector GH-2	169
SA-GH-3	28th Street Landing	46.96763 -123.8601	2800 John Stevens Way Hoquiam, WA 98550	Port of Grays Harbor Main Office 360-533-9528	WSHR-0.0L, WSHR-0.2R, CHER-0.2R, GH-4, GH-7	Public staging area and boat launch managed by the Port of Grays Harbor. Notify port staff before staging equipment (360-533-9528).	Sector GH-2	171

<p>SA-GH-4</p>	<p>F Street Boat Launch</p>	<p>46.95755 -123.7712</p>	<p>F St Cosmopolis, WA 98537</p>	<p>Cosmo Specialty Fibers 1101 1st Street Cosmopolis, WA 98537 360-500-4600</p>	<p>CHER-2.6R, CHER-5.2L, CHER-4.5R, CHER-4.7R, CHER-2.7L, CHER-1.7R, CHER-2.8L, CHER-1.3R, CHER-0.7R, CHER-2.2L, CHER-3.0R, CHER-4.2R, CHER-1.8R, CHER-1.4R, CHER-4.4R, CHER-3.5L</p>	<p>Public staging area and boat launch managed by Cosmo Specialty Fibers. Notify facility staff before staging equipment (360-500-4600).</p>	<p>Sector GH-1</p>	<p>173</p>
-----------------------	-----------------------------	-------------------------------	--	--	---	--	--------------------	------------

SA-GH-5	Johns River WDFW Water Access Area	46.89973 -123.9962	Game Farm Rd Aberdeen, WA 98520	WDFW Coastal - Region 6 360-249-4628	JHNR-0.3L	Public staging area and boat launch on the left bank of the Johns River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.	Sector GH-4	175
SA-GH-6	Brady's Oysters	46.86184 -124.0732	3714 Oyster Pl Aberdeen, WA 98520	Brady's Oysters Manager Aberdeen, WA 98520 3602680077	GH-11, GH-10, GH-11b, GH-13, GH-9	Staging area and boat launch primarily used by shellfish growers. Notify company before staging equipment (360- 268-0077). An alternate location is the Westport Marina (SABL-GH- 7).	Sector GH-4	177
SA-GH-7	Westport Marina	46.90407 -124.1061	1900 Nyhus Street N Westport, WA 98595	Port of Grays Harbor Westport Marina 111 S. Wooding Street Westport, WA 98595 360-533-9562		Public staging area and boat launch managed by the Port of Grays Harbor. Notify marina staff before staging equipment (360- 533-9562). USCG Station Grays Harbor is next door. An alternate location is Brady's Oysters (SABL-GH- 5).	Sector GH-4	179

Boat Launch Matrices

Strategy Name	Location	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
BL-GH-1	Morley WDFW Water Access Area	47.04939 -124.0441	1300 WA-109 Hoquiam, WA 98550	WDFW Coastal - Region 6 Montesano, WA 98563 360-249-4628	HMPR-0.9R, HMPR-0.9L, HMPR-0.8R, GILS-0.0, HMPR-0.0	Public staging area and boat launch on the left bank of the Humptulips River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.	Sector GH-5	183
BL-GH-2	Levee Street Boat Launch	46.97720 -123.8816	813 Levee St Hoquiam, WA 98550	City of Hoquiam Police Dept. Hoquiam, WA 98550 360-532-0892	GH-2, GH-3b, HOQR-0.6R, GH-2b	Staging area and boat launch on the right bank of the Hoquiam River. Notify the City of Hoquiam before staging equipment (360-532-0892). A collection strategy is at the same location.	Sector GH-2	185
BL-GH-3	28th Street Landing	46.96763 -123.8601	2800 John Stevens Way Hoquiam, WA 98550	Port of Grays Harbor Main Office 360-533-9528	WSHR-0.0L, WSHR-0.2R, CHER-0.2R, GH-4, GH-7	Public staging area and boat launch managed by the Port of Grays Harbor. Notify port staff before staging equipment (360-533-9528).	Sector GH-2	187

<p>BL-GH-4</p>	<p>F Street Boat Launch</p>	<p>46.95755 -123.7712</p>	<p>F St Cosmopolis, WA 98537</p>	<p>Cosmo Specialty Fibers 1101 1st Street Cosmopolis, WA 98537 360-500-4600</p>	<p>CHER-2.6R, CHER-5.2L, CHER-4.5R, CHER-4.7R, CHER-2.7L, CHER-1.7R, CHER-2.8L, CHER-1.3R, CHER-0.7R, CHER-2.2L, CHER-3.0R, CHER-4.2R, CHER-1.8R, CHER-1.4R, CHER-4.4R, CHER-3.5L</p>	<p>Public staging area and boat launch managed by Cosmo Specialty Fibers. Notify facility staff before staging equipment (360-500-4600).</p>	<p>Sector GH-1</p>	<p>189</p>
-----------------------	-----------------------------	-------------------------------	--	--	---	--	--------------------	------------

BL-GH-5	Johns River WDFW Water Access Area	46.89973 -123.9962	Game Farm Rd Aberdeen, WA 98520	WDFW Coastal - Region 6 360-249-4628	JHNR-0.3L	Public staging area and boat launch on the left bank of the Johns River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.	Sector GH-4	191
BL-GH-6	Brady's Oysters	46.86184 -124.0732	3714 Oyster Pl Aberdeen, WA 98520	Brady's Oysters Manager Aberdeen, WA 98520 3602680077	GH-11, GH-10, GH-11b, GH-13, GH-9	Staging area and boat launch primarily used by shellfish growers. Notify company before staging equipment (360- 268-0077). An alternate location is the Westport Marina (SABL-GH- 7).	Sector GH-4	193
BL-GH-7	Westport Marina	46.90407 -124.1061	1900 Nyhus Street N Westport, WA 98595	Port of Grays Harbor Westport Marina 111 S. Wooding Street Westport, WA 98595 360-533-9562		Public staging area and boat launch managed by the Port of Grays Harbor. Notify marina staff before staging equipment (360- 533-9562). USCG Station Grays Harbor is next door. An alternate location is Brady's Oysters (SABL-GH- 5).	Sector GH-4	195

APPENDIX A
Response Strategy 2-Pagers

This page was intentionally left blank

Chehalis River Mouth Right Bank CHER-0.2R

Position - Location: 46° 58.469', -123° 48.357' 46° 58' 28.1", -123° 48' 21.4" 46.97448, -123.80595 Aberdeen

Strategy Objective: Collection : Collect oil entering the Chehalis River from Grays Harbor.

Implementation: Using workboat, deploy 400ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

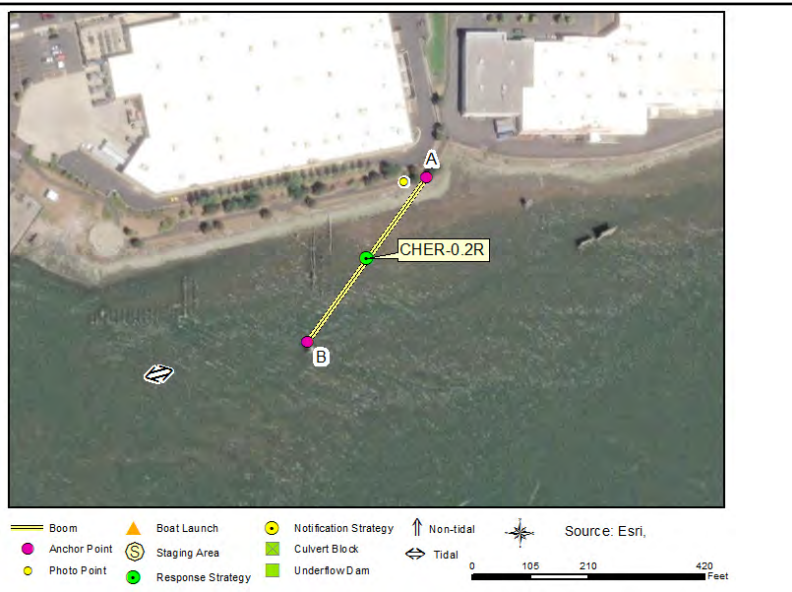
Staging Area: Remote: Stage equipment at SA-GH-3 28th Street Landing (2800 John Stevens Way, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Submerged Hazards; Uneven Surfaces; Water Hazard

Field Notes: Boom may need to be angled upriver depending upon the tidal conditions and/or spill origin during deployment. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

3 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

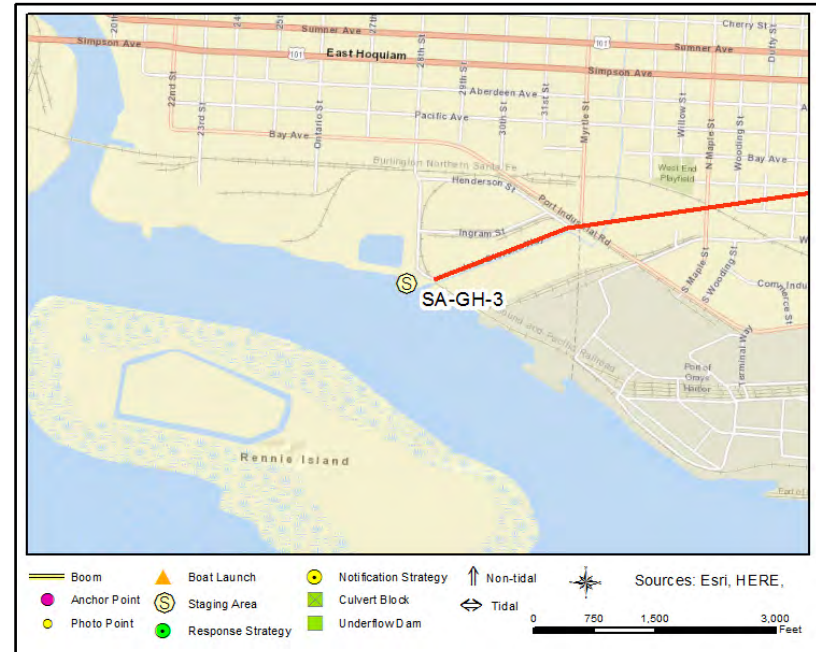
1	Boat Operator
2	Laborer
1	Supervisor

Chehalis River Mouth Right Bank

CHER-0.2R



CHER-0.2R Photo: From shoreline, looking southeast/upriver during a deployment drill. Photo was taken in summer 2018.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency Management
 360-249-3911

Nearest Address

2800 John Stevens Way
 Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at 28th Street Landing (SABL-GH-3):

1. Head west on US-12 toward Hill Rd
2. Continue forward on W Wishkah St (US-12)
3. Bear right to stay on W Wishkah St
4. Continue forward on Port Industrial Rd
5. Turn left
6. Bear left on John Stevens Way
7. Location is on the left side of the road

Morrison Park **CHER-0.7R**

Position - Location: 46° 58.615', -123° 47.769' 46° 58' 36.9", -123° 47' 46.1" 46.97692, -123.79615 Cosmopolis

Strategy Objective: Collection : Collect oil moving upriver on the Chehalis River.

Implementation: Using workboat, deploy 500ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

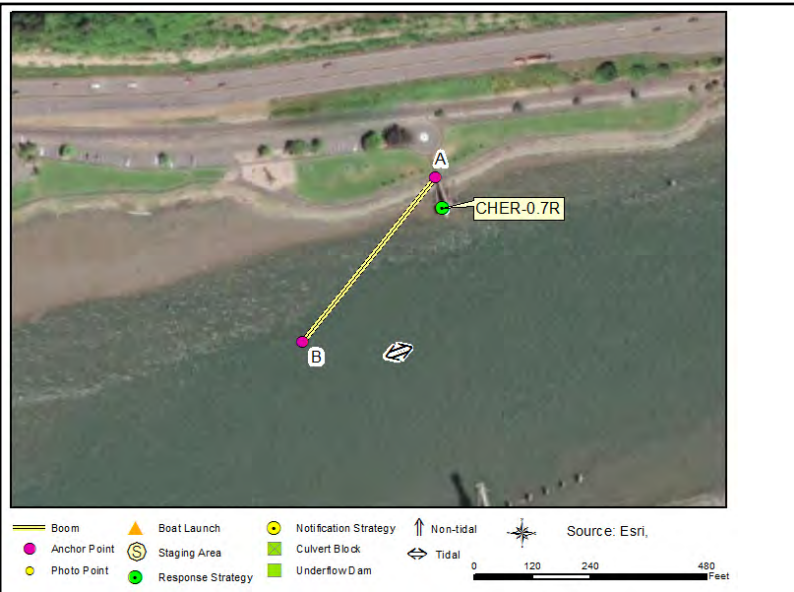
Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Boom may need to be angled upriver depending upon the tidal conditions and/or spill origin during deployment. Responders can drive to park (Sargent Blvd in Aberdeen). Call City of Aberdeen before deployment (360-537-3229).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
500 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

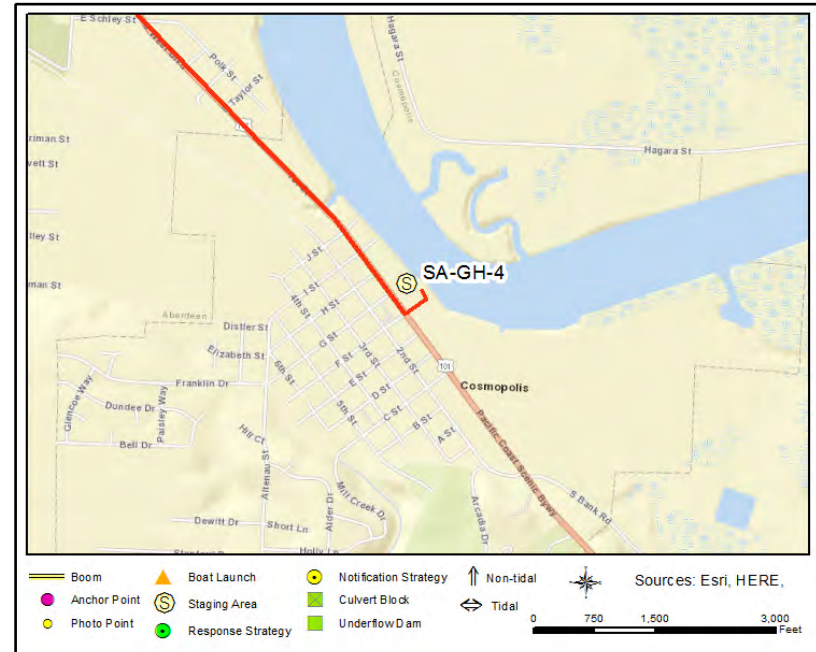
1	Boat Operator
3	Laborer
1	Supervisor

Morrison Park

CHER-0.7R



CHER-0.7R Photo: From park dock, looking southwest/downriver. Photo was taken in early October.



Site Contact

City of Aberdeen
Municipality (County/City) : Parks & Recreation

Aberdeen, WA 98520
360-537-3229

Nearest Address

1701 1st St
Cosmopolis, WA 98537

Driving Directions

1. Enter Aberdeen from the West on Hwy 12
2. At first stop light, turn left into the shopping center complex
3. Take the first available left turn and follow the drive along the north side of the parking lot and Top Foods store
4. Cross Fleet Street and entering Morrison Riverfront Park, heading towards the Rotary Log Pavillion.
5. Follow the road (Sargent Blvd) along the north side of the Log Pavillion and continue east ~900ft to the rotary circle. Stage equipment in the parking area near the rotary.

Lakeside Industries Plant CHER-1.3R

Position - Location: 46° 58.712', -123° 47.107' 46° 58' 42.7", -123° 47' 6.4" 46.97853, -123.78512 Cosmopolis

Strategy Objective: Collection : Collect oil moving upriver on the Chehalis River.

Implementation: Using workboat, deploy 500ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).

Site Safety: Industrial Operations; Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Boom may need to be angled upriver depending upon the tidal conditions and/or spill origin during deployment. Responders can drive to facility (2400 Sargent Blvd in Aberdeen). Call Lakeside before deployment (360-533-0610).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
500 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

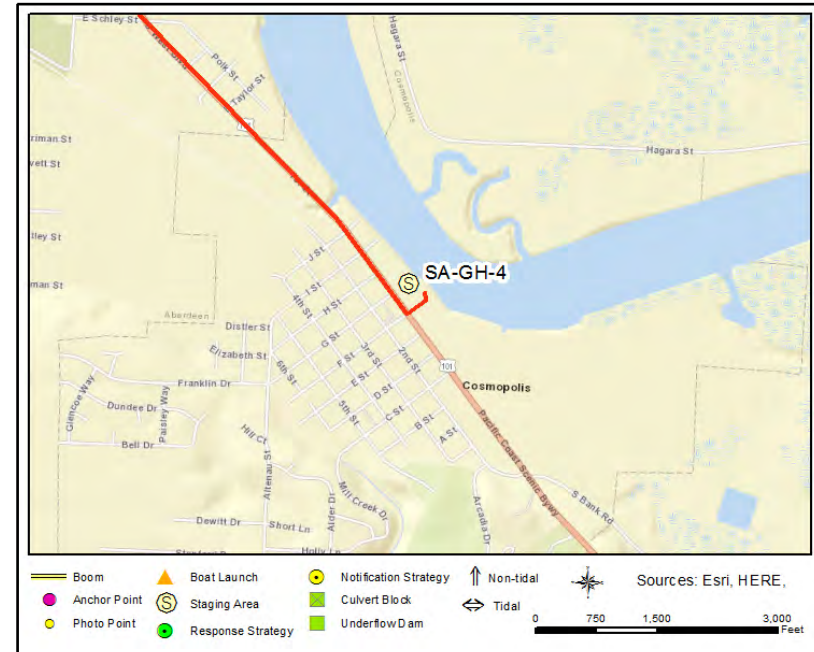
1	Boat Operator
3	Laborer
1	Supervisor

Lakeside Industries Plant

CHER-1.3R



CHER-1.3R Photo: From right bank outside plant fence, looking southwest/downriver. Photo was taken in early October.



Site Contact

Lakeside Industries
Land/Property Owner :

Aberdeen, WA 98520
360-533-0610

Nearest Address

1701 1st St
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Elliott Slough **CHER-1.4R**

Position - Location: 46° 58.669', -123° 46.861' 46° 58' 40.1", -123° 46' 51.6" 46.97781, -123.78101 Aberdeen

Strategy Objective: Exclusion : Keep oil out of slough.

Implementation: Using workboat, deploy 500ft boom on right bank of slough at anchor point A. Then extend boom southeast and secure end near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Anchor point A is next to the Lakeside Industries facility. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
500 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

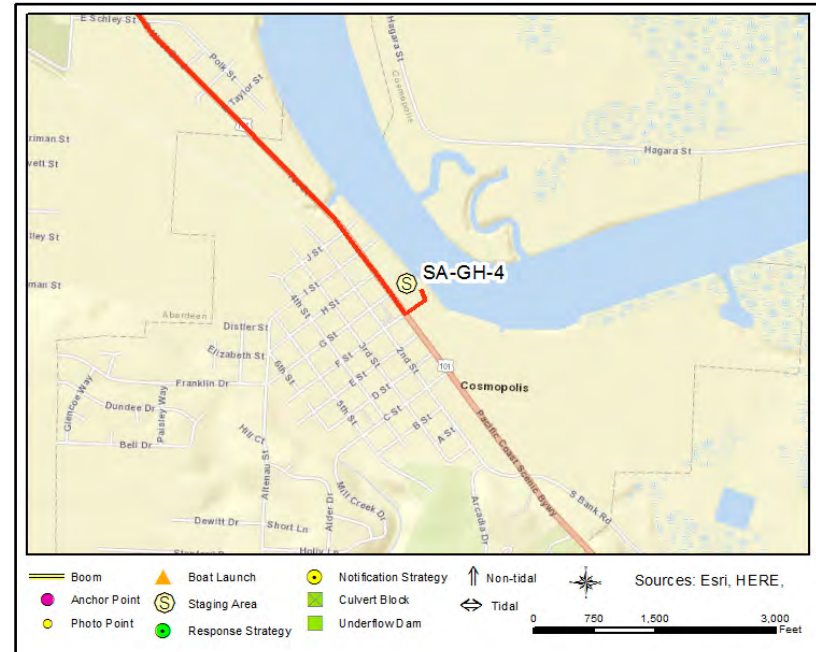
1	Boat Operator
3	Laborer
1	Supervisor

Elliott Slough

CHER-1.4R



CHER-1.4R Photo: From right bank of slough, looking southeast towards anchor point B. Photo was taken in early October.



Site Contact

Lakeside Industries

Primary Contact :

Aberdeen, WA 98520
360-533-0610

Nearest Address

1701 1st St
Aberdeen, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Sierra Pacific Industries Dock (North End) CHER-1.7R

Position - Location: 46° 58.401', -123° 46.747' 46° 58' 24.1", -123° 46' 44.8" 46.97335, -123.77912 Cosmopolis

Strategy Objective: Collection : Collect oil moving upriver on the Chehalis River.

Implementation: Using workboat, deploy 500ft boom at anchor point A. Secure remainder in river channel at anchor point C. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).

Site Safety: Lumberyard Operations; Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Facility staff will help onshore responders reach the dock safely. Call Sierra Pacific Industries before deployment (360-532-2323).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
500 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

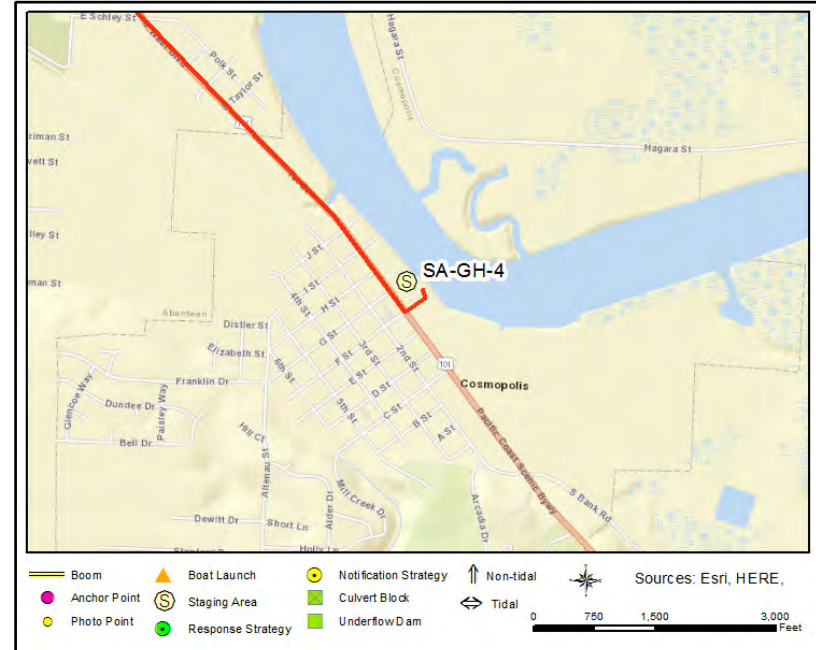
1	Boat Operator
3	Laborer
1	Supervisor

Sierra Pacific Industries Dock (North End)

CHER-1.7R



CHER-1.7R Photo: From north end of dock, looking north/downriver with Lakeside Industries in the background. Photo was taken in early October.



Site Contact

Sierra Pacific Industries
 Land/Property Owner : Aberdeen Division Manager

 Aberdeen, WA 98520
 360-532-2323

Nearest Address

1701 1st St
 Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Sierra Pacific Industries Dock (South End) CHER-1.8R

Position - Location: 46° 58.249', -123° 46.703' 46° 58' 14.9", -123° 46' 42.2" 46.97081, -123.77838 Cosmopolis

Strategy Objective: Collection : Collect oil moving downriver on the Chehalis River.

Implementation: Using workboat, deploy 600ft boom at anchor point A. Secure remainder in river channel at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

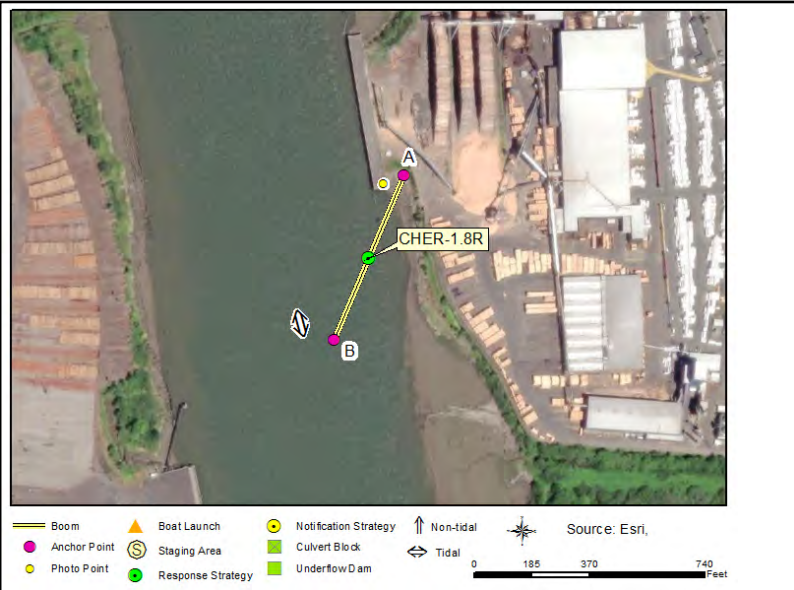
Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (1701 1st St, Cosmopolis, WA 98537).

Site Safety: Lumberyard Operations; Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Facility staff will help onshore responders reach the dock safely. Call Sierra Pacific Industries before deployment (360-532-2323).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

5 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
600 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

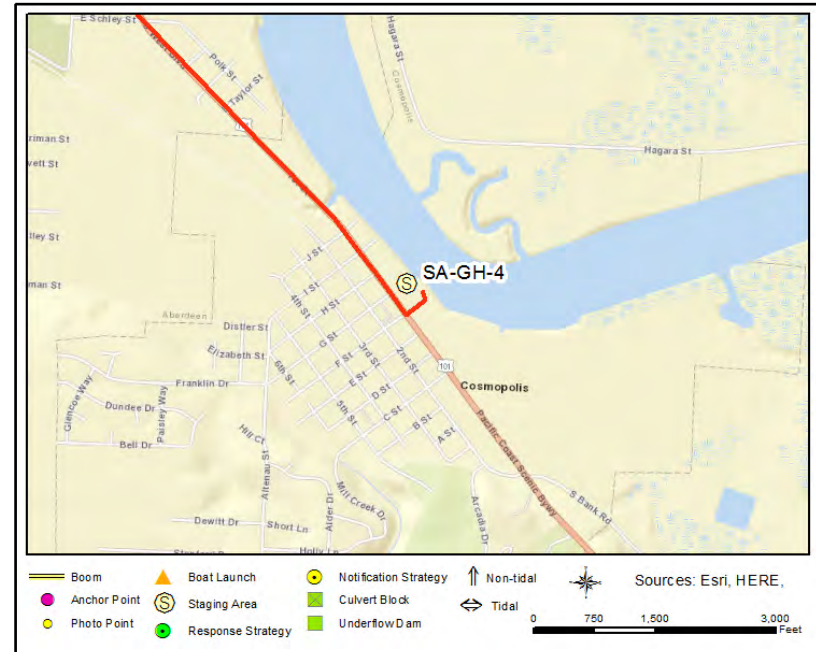
1	Boat Operator
3	Laborer
1	Supervisor

Sierra Pacific Industries Dock (South End)

CHER-1.8R



CHER-1.8R Photo: From south end of the dock, looking southwest/upriver with the Weyerhaeuser dock on the right. Photo was taken in early October.



Site Contact

Sierra Pacific Industries
Land/Property Owner : Aberdeen Division Manager

Aberdeen, WA 98520
360-532-2323

Nearest Address

F St
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Weyerhaeuser Dock (North End) CHER-1.9L

Position - Location: 46° 58.178', -123° 46.829' 46° 58' 10.7", -123° 46' 49.7" 46.96964, -123.78048 Cosmopolis

Strategy Objective: Collection : Collect oil moving upriver on the Chehalis River.

Implementation: Using workboat, deploy 600ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Pacific Veneer (neighbor to north of property) can provide access for vac truck. Call Weyerhaeuser before deployment (206-539-3000).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

5 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
600 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Weyerhaeuser Dock (North End)

CHER-1.9L



CHER-1.9L Photo: From north end of dock, looking north/downriver. Photo was taken in early October.



Site Contact

Weyerhaeuser

Land/Property Owner :

Seattle, WA 98104
206-539-3000

Nearest Address

F St
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Weyerhaeuser Dock (South End) CHER-2.2L

Position - Location: 46° 57.934', -123° 46.741' 46° 57' 56.0", -123° 46' 44.5" 46.96556, -123.77902 Cosmopolis

Strategy Objective: Collection : Collect oil moving downriver on Chehalis River.

Implementation: Using workboat, deploy 500ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

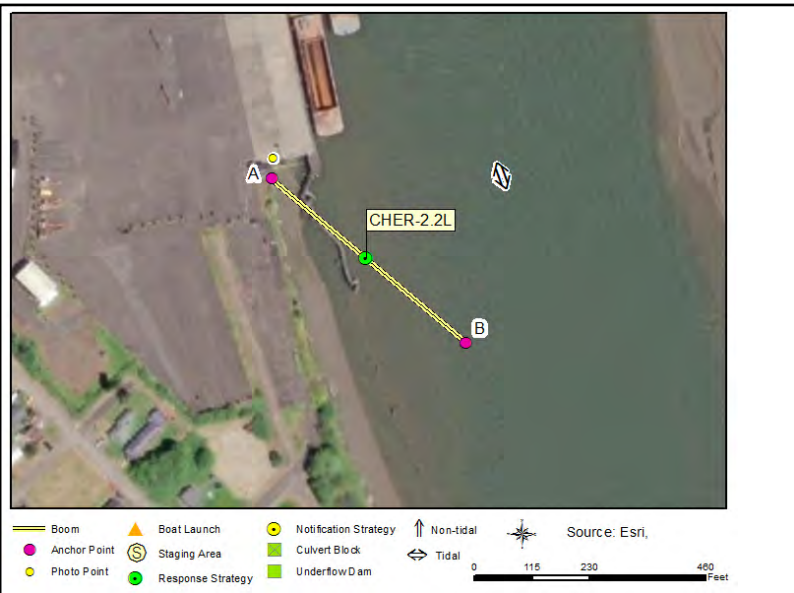
Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Dock extension visible in aerial image is no longer present. Pacific Veneer (neighbor to north of property) can provide access to vac truck. Call Weyerhaeuser before deployment (206-539-3000).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
500 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

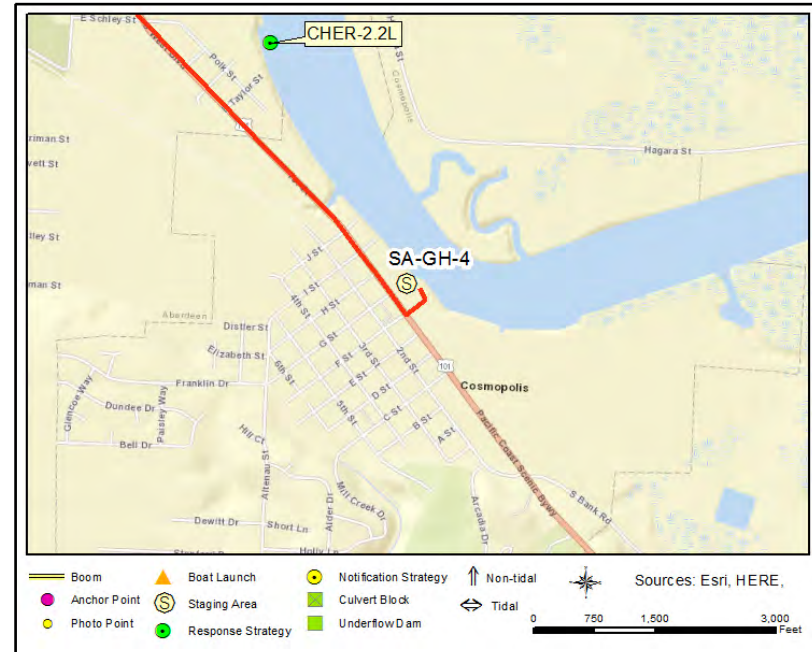
1	Boat Operator
3	Laborer
1	Supervisor

Weyerhaeuser Dock (South End)

CHER-2.2L



CHER-2.2L Photo: From dock, looking southeast/upriver. Photo was taken in early October.



Site Contact

Weyerhaeuser
Land/Property Owner :

Seattle, WA 98104
206-539-3000

Nearest Address

F St
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Chehalis River (Right Bank) Mile 2.6 CHER-2.6R

Position - Location: 46° 57.626', -123° 46.289' 46° 57' 37.6", -123° 46' 17.3" 46.96044, -123.77148 Cosmopolis

Strategy Objective: Exclusion : Keep oil out of unnamed slough.

Implementation: Using workboat, deploy 200ft boom on left bank of slough at anchor point A. Then extend boom northwest and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southwest into river channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

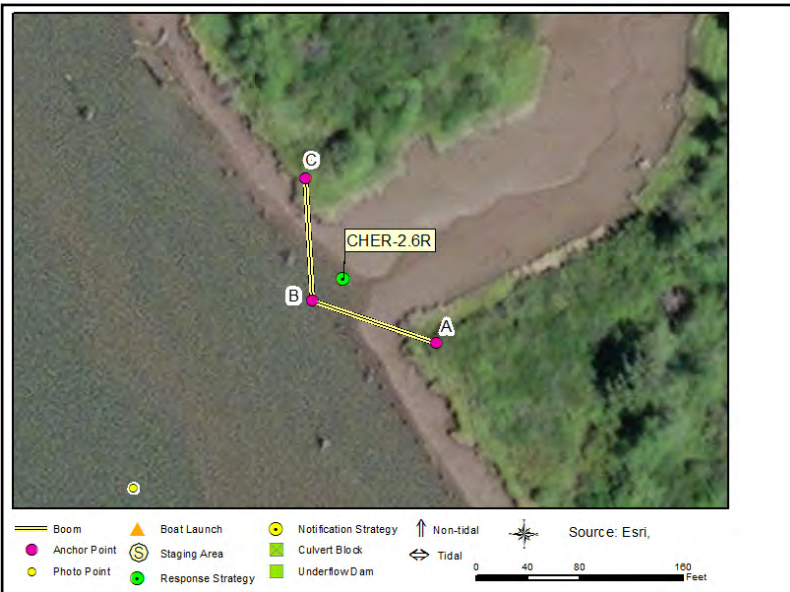
Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B3 (River Boom) or equivalent
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

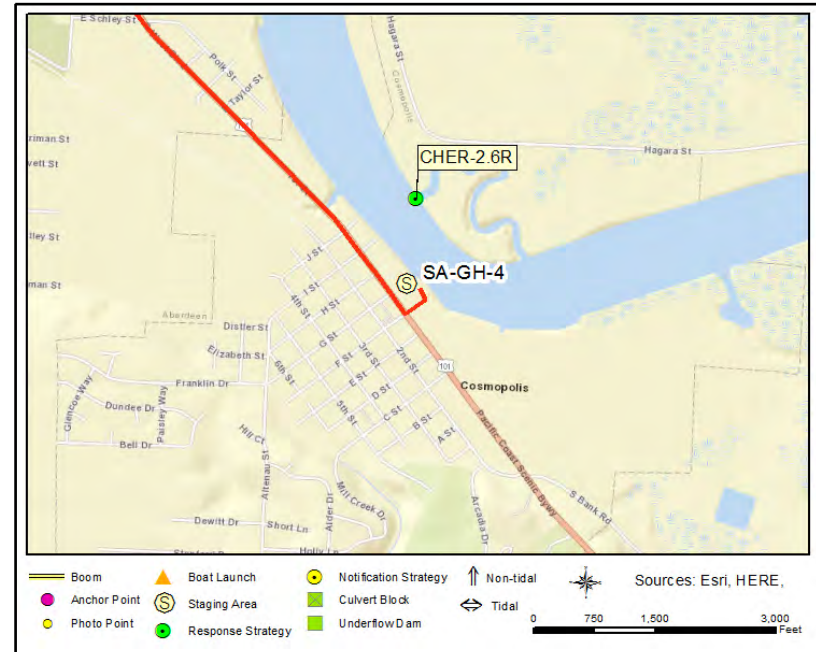
1	Boat Operator
2	Laborer
1	Supervisor

Chehalis River (Right Bank) Mile 2.6

CHER-2.6R



CHER-2.6R Photo: From the middle of the Chehalis River, looking northeast towards the unnamed slough. Photo was taken in late October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

F St
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

F Street Boat Launch (North) CHER-2.7L

Position - Location: 46° 57.460', -123° 46.273' 46° 57' 27.6", -123° 46' 16.4" 46.95767, -123.77122 Cosmopolis

Strategy Objective: Collection : Collect oil moving upriver on Chehalis River.

Implementation: Using workboat, deploy 600ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

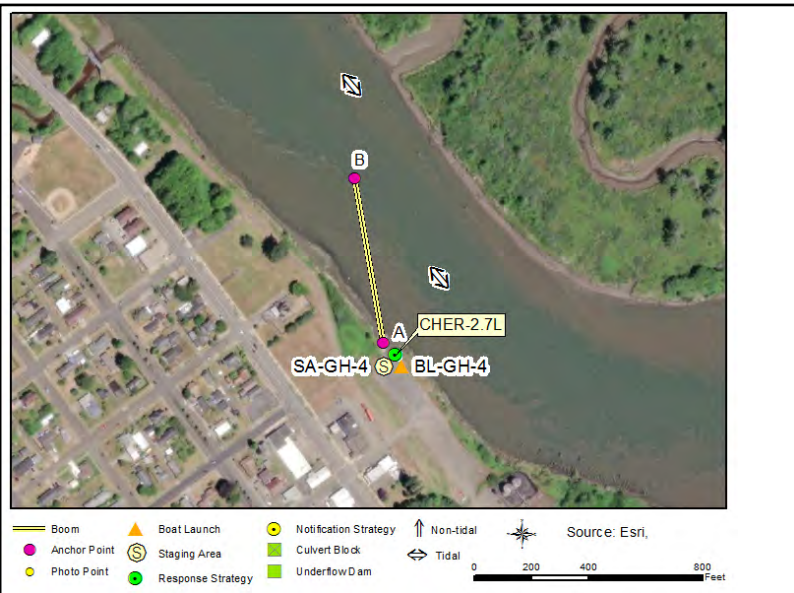
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Do not block staging area/boat launch operations. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

5 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
600 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

F Street Boat Launch (North)

CHER-2.7L



CHER-2.7L Photo: From boat ramp, looking north/downriver. Photo was taken in early October.



Site Contact

Grays Harbor County

Municipality (County/City) : Dept. of Emergency Management
360-249-3911

Cosmo Specialty Fibers

Land/Property Owner :
360-500-4600

Nearest Address

1701 1st Street
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

F Street Boat Launch (South) CHER-2.8L

Position - Location: 46° 57.432', -123° 46.205' 46° 57' 25.9", -123° 46' 12.3" 46.95720, -123.77008 Cosmopolis

Strategy Objective: Exclusion : Keep oil off of riverbank near Cosmo Specialty Fibers.

Implementation: Using workboat, deploy 700ft boom at anchor point A. Secure remainder near boat ramp at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

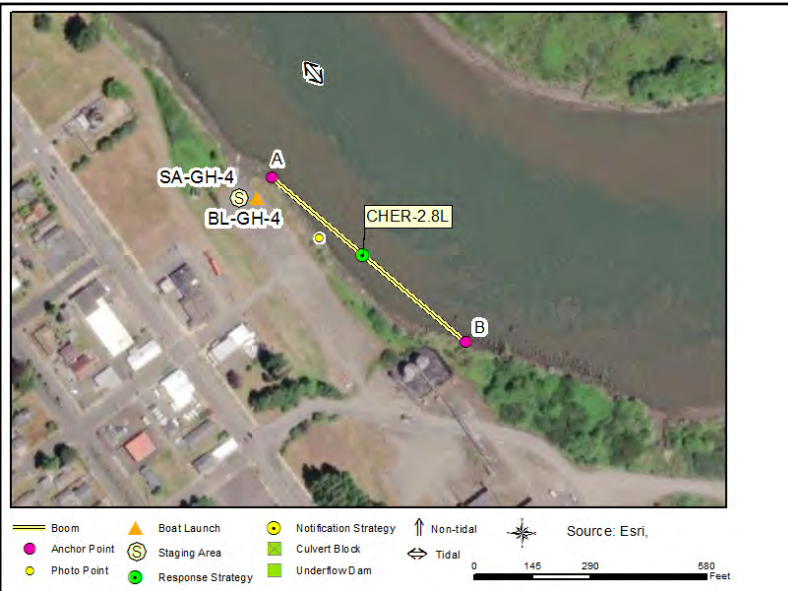
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Resident Fish, Salmonids, Sensitive Resources



Recommended Equipment

2 Each	Anchoring Post(s) - (shoreside)
6 Each	Anchoring System(s) - (anchor, lines, floats)
700 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

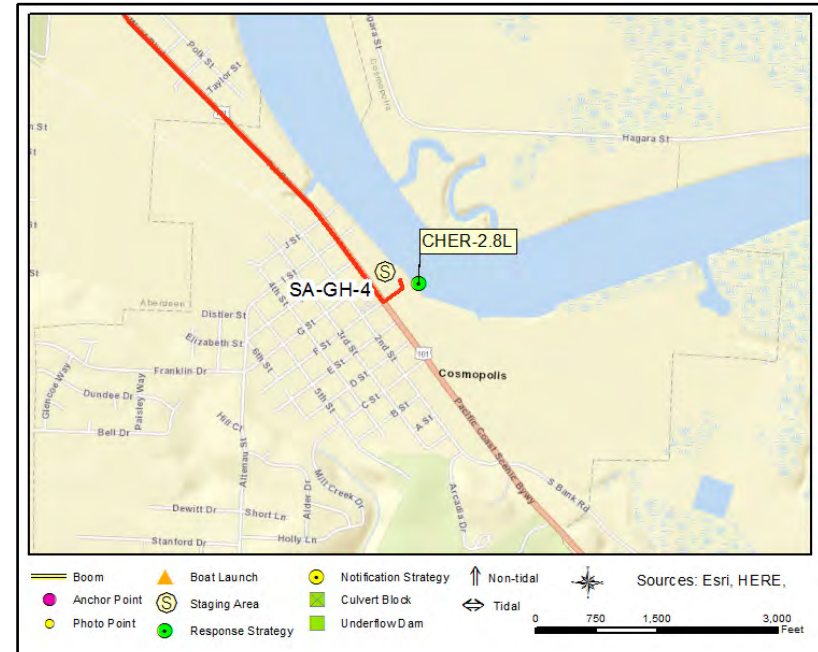
1	Boat Operator
3	Laborer
1	Supervisor

F Street Boat Launch (South)

CHER-2.8L



CHER-2.8L Photo: From riverbank, looking southeast/upriver. Photo was taken in early October.



Site Contact

Grays Harbor County

Municipality (County/City) : Dept. of Emergency Management
360-249-3911

Cosmo Specialty Fibers

Land/Property Owner :
360-500-4600

Nearest Address

1701 1st St
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Chehalis River (Right Bank) Mile 3.0 CHER-3.0R

Position - Location: 46° 57.510', -123° 45.961' 46° 57' 30.6", -123° 45' 57.6" 46.95850, -123.76601 Cosmopolis

Strategy Objective: Exclusion : Keep oil out of unnamed slough.

Implementation: Using workboat, deploy 200ft boom on left bank of slough at anchor point A. Then extend boom southwest and secure end near anchor point C. Near boom midpoint, use workboat to pull boom south into river channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

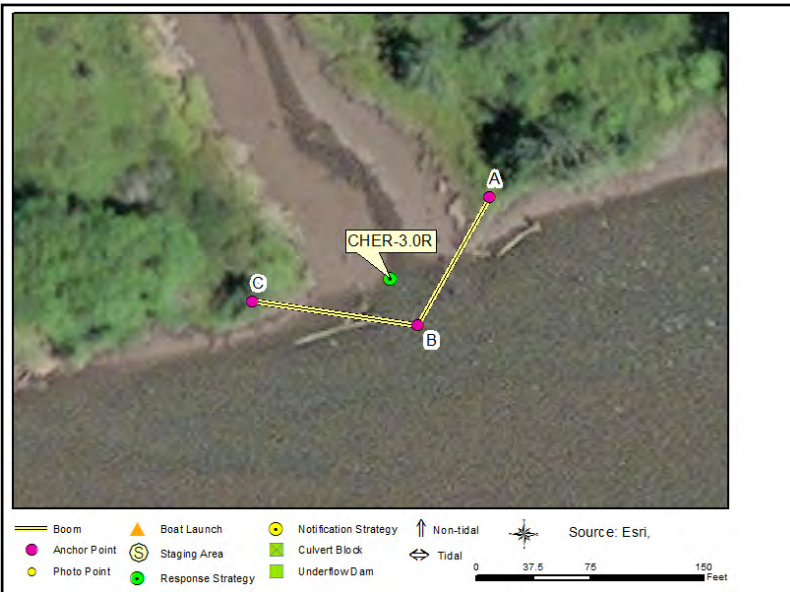
Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Backwater Habitat, Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B3 (River Boom) or equivalent
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

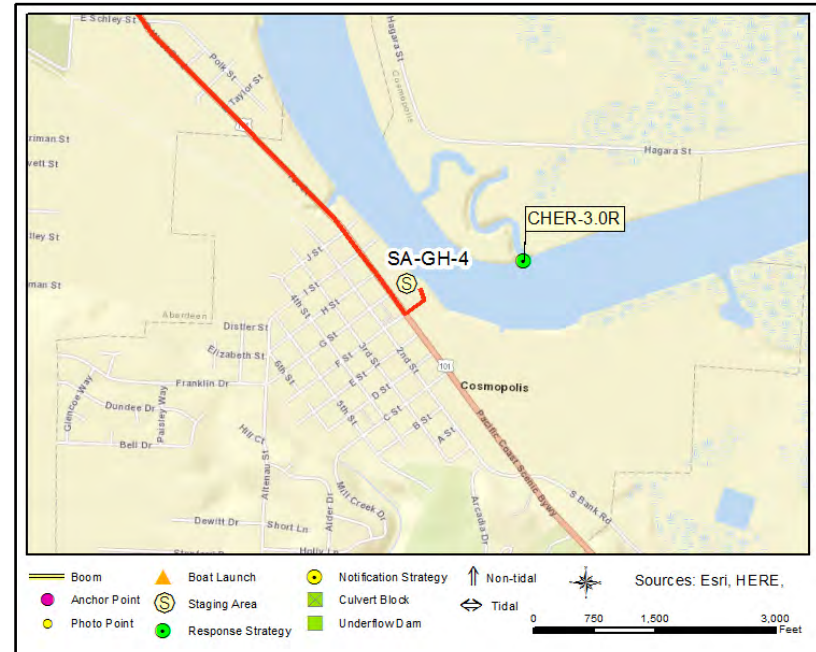
1	Boat Operator
2	Laborer
1	Supervisor

Chehalis River (Right Bank) Mile 3.0

CHER-3.0R



CHER-3.0R Photo: From the middle of the Chehalis River, looking north northwest towards the unnamed slough. Photo was taken in late October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

F St
Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Chehalis River (Left Bank) CHER-3.5L

Position - Location: 46° 57.488', -123° 45.403' 46° 57' 29.3", -123° 45' 24.2" 46.95813, -123.75672 Cosmopolis

Strategy Objective: Exclusion : Keep oil out of unnamed slough.

Implementation: Using workboat, deploy 400ft boom on right bank of slough at anchor point A. Then extend boom southwest and secure end near anchor point C. Near boom midpoint, use workboat to pull boom northwest into river channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-4 F Street Boat Launch (F St, Cosmopolis, WA 98537).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Chehalis River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

3 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

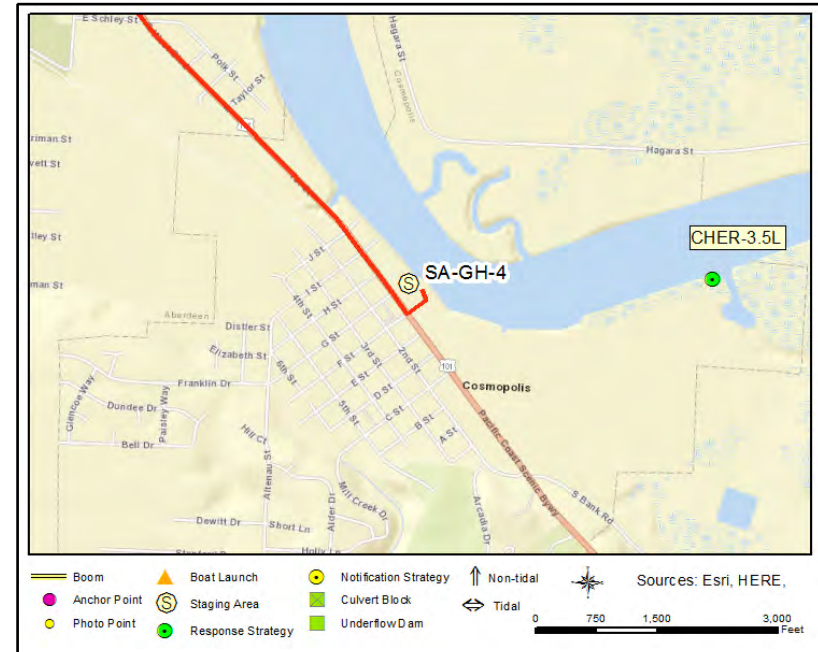
1	Boat Operator
2	Laborer
1	Supervisor

Chehalis River (Left Bank)

CHER-3.5L



CHER-3.5L Photo: From the middle of the Chehalis River, looking southeast towards the unnamed slough. Photo was taken in late October.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency
 Management
 360-249-3911

Nearest Address

F St
 Cosmopolis, WA 98537

Driving Directions

TO STAGING AREA/BOAT LAUNCH at F Street Boat Launch (SABL-GH-4):

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Chenois Creek CHNC-0.1R

Position - Location: 47° 1.887', -124° 1.525' 47° 1' 53.2", -124° 1' 31.5" 47.03145, -124.02542 Hoquiam

Strategy Objective: Collection : Collect oil moving upstream on Chenois Creek.

Implementation: Using workboat, deploy 300ft boom at anchor point A on right bank. Secure remainder across creek at anchor point B near bridge. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: There is a dirt road along the right bank of the creek (on north side of bridge). Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Chenois Creek

Resources at Risk: Resident Fish, Salmonids, Sensitive Resources Nearby, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 1/2" poly line
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - (hand-launch)

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Chenois Creek

CHNC-0.1R

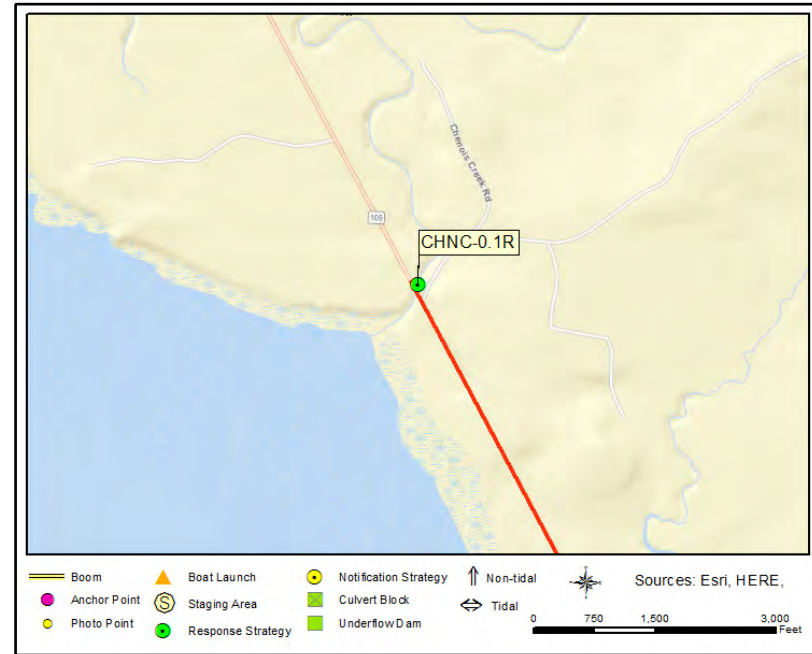


CHNC-0.1R Photo: At east end of bridge, looking north across the creek towards anchor point A. Photo was taken in early October.

Site Contact

Nearest Address

1110 WA-109
Hoquiam, WA 98550



Driving Directions

1. Head west on US-12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Location is on the right

Chapin Creek CHPC-0.1

Position - Location: 46° 56.410', -123° 52.649' 46° 56' 24.6", -123° 52' 38.9" 46.94016, -123.87748 Aberdeen

Strategy Objective: Exclusion : Keep oil out of Chapin Creek.

Implementation: Deploy 100ft boom at anchor point A between highway and old rail bridge. Secure remainder across creek at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: Little to no road shoulder. Law enforcement will likely need to control traffic to ensure responder safety. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Chapin Creek

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 1/2" poly line

Recommended Personnel

2	Laborer
1	Supervisor

Chapin Creek

CHPC-0.1



CHPC-0.1 Photo: From left bank of creek, looking north across the harbor. Photo was taken in early October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

WA-105
Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Location is on the right (at MP 44)

Charley Creek CHRC-0.1

Position - Location: 46° 57.121', -123° 50.552' 46° 57' 7.3", -123° 50' 33.1" 46.95202, -123.84253 Aberdeen

Strategy Objective: Exclusion : Keep oil out of Charley Creek.

Implementation: Deploy 200ft boom at anchor point A between bridges. Secure remainder across creek at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

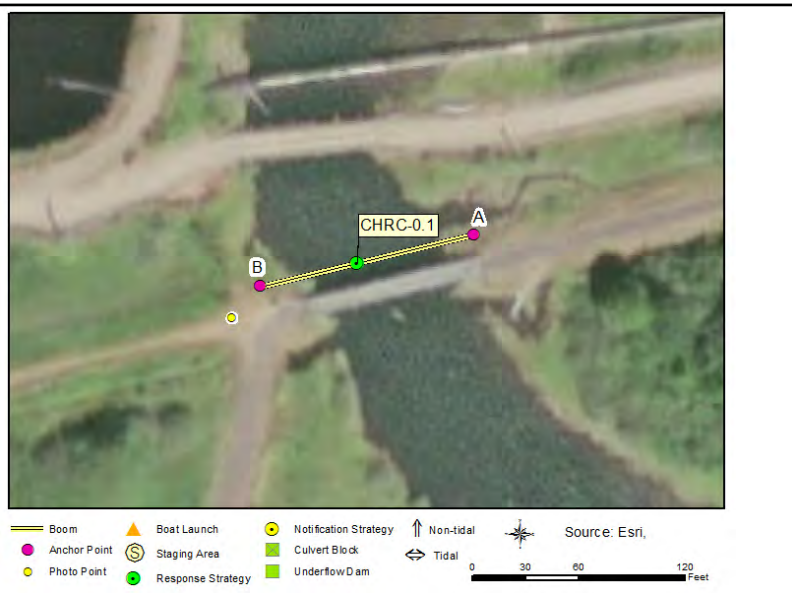
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: Drive to Bishop Athletic Complex and transport equipment with an off-road vehicle north along walking trails. Babineau Bridge is part of the Chehalis River Walkway. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Charley Creek

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 1/2" poly line

Recommended Personnel

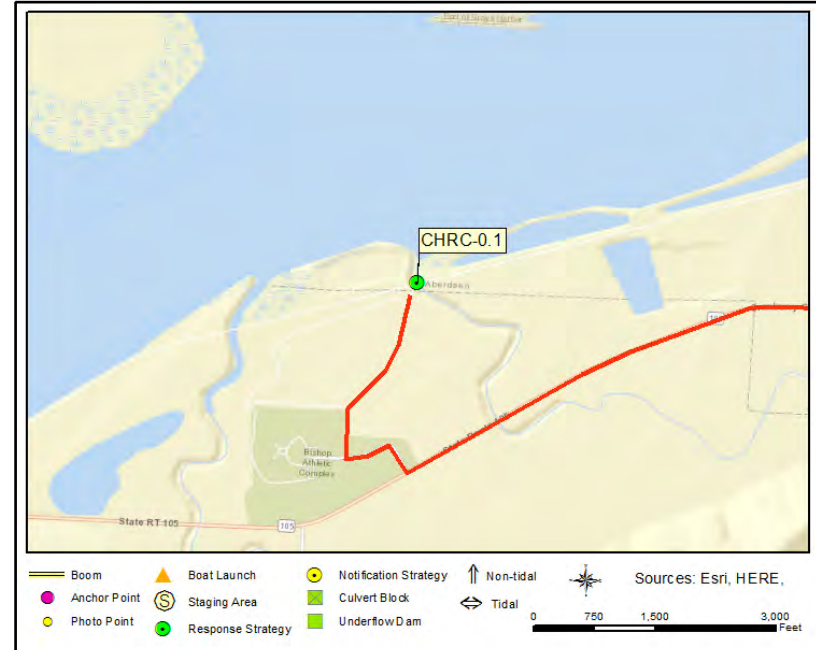
2	Laborer
1	Supervisor

Charley Creek

CHRC-0.1



CHRC-0.1 Photo: From left bank of creek, looking north across the harbor. Photo was taken in early October.



Site Contact

City of Aberdeen
 Land/Property Contact : Parks & Recreation
 360-537-3229

Nearest Address

200 WA-105
 Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Bishop Athletic Complex is on the right

Campbell Creek CMBC-0.1

Position - Location: 46° 56.279', -123° 53.262' 46° 56' 16.8", -123° 53' 15.7" 46.93799, -123.88770 Aberdeen

Strategy Objective: Exclusion : Keep oil out of Campbell Creek.

Implementation: Deploy 100ft boom at anchor point A north of bridge. Secure remainder across creek at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

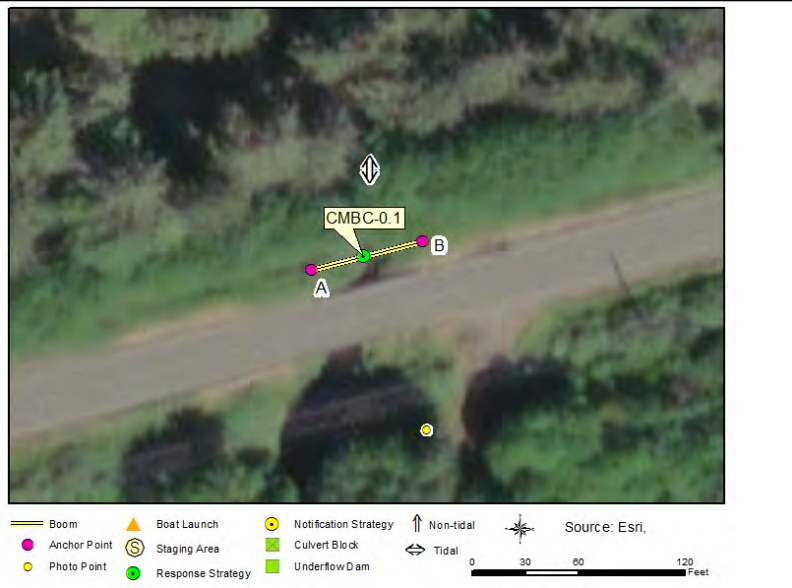
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: Little to no road shoulder. Law enforcement will likely need to control traffic to ensure responder safety. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Campbell Creek

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 1/2" poly line

Recommended Personnel

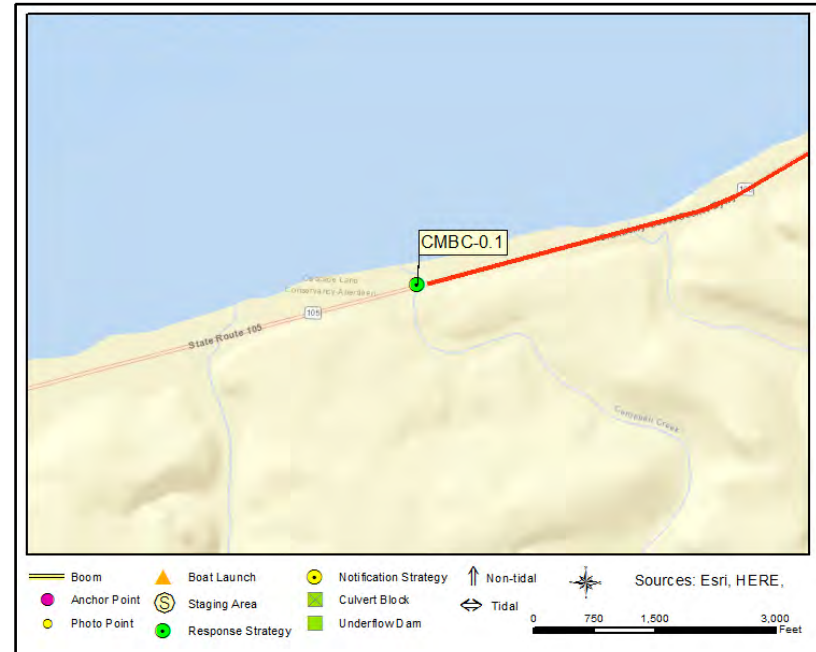
2	Laborer
1	Supervisor

Campbell Creek

CMBC-0.1



CMBC-0.1 Photo: From right bank of creek, looking northwest/downstream towards bridge. Photo was taken in early October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

WA-105
Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Location is on the right at mile post 43.5

Campbell Slough **CMBS-0.1L**

Position - Location: 47° 2.677', -124° 3.537' 47° 2' 40.6", -124° 3' 32.2" 47.04461, -124.05895 Hoquiam

Strategy Objective: Collection : Collect oil moving upstream in the slough.

Implementation: Deploy 200ft boom at anchor point A. Secure remainder at anchor points B & C on right bank. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

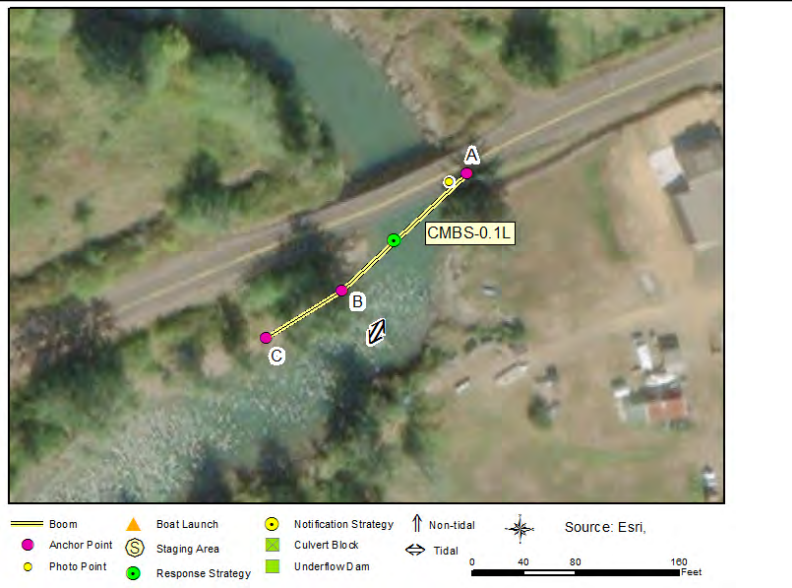
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: Narrow road shoulder. Law enforcement may need to control traffic. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Slough - Campbell Slough

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

3 Each	Anchoring Post(s) - (shoreside)
200 Feet	Boom - B3 (River Boom) or equivalent
100 Feet	Line - 1/2" poly line
1 Each	Vac Truck or Skimmer and Storage

Recommended Personnel

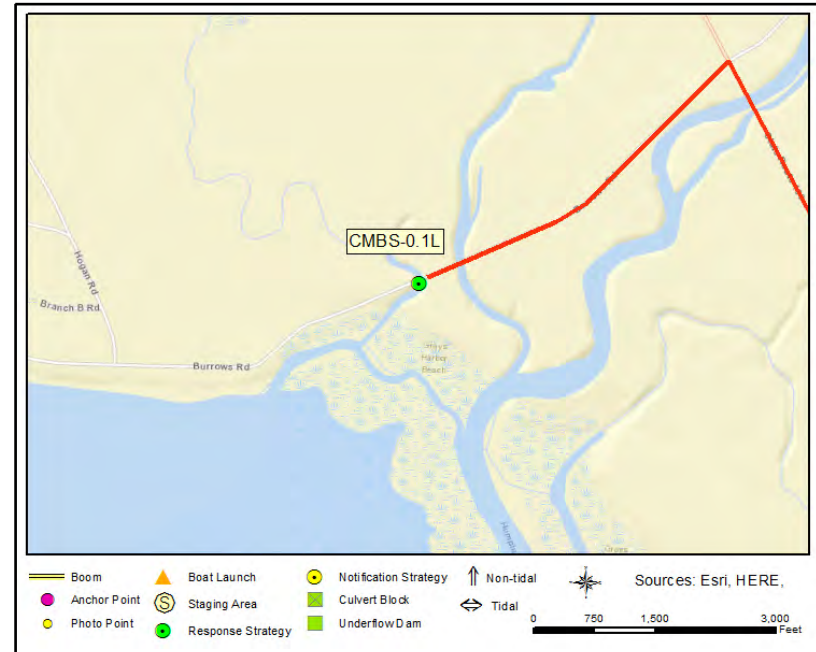
2	Laborer
1	Supervisor

Campbell Slough

CMBS-0.1L



CMBS-0.1L Photo: From Burrows Road, looking southwest/downstream towards North Bay. Photo was taken in early October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

133 Burrows Rd
Hoquiam, WA 98550

Driving Directions

1. Head west on Hwy 8 then 12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Turn right on Powell Rd
8. Turn left on Burrows Rd
8. Location is on the left

DO NOT DEPLOY - South End Grand Canal Park **GH-1**

Position - Location: 46° 57.065', -124° 7.973' 46° 57' 3.9", -124° 7' 58.4" 46.95109, -124.13289 Ocean Shores

Strategy Objective: Exclusion : Keep oil out of Ocean Shores Fresh Waterways System.

Implementation: Using workboat, deploy 200ft boom on north bank of canal at anchor point A. Then extend boom south and secure end near anchor point C. Near boom midpoint, use workboat to pull boom west, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Toxic Algae; Uneven Surfaces; Water Hazard

Field Notes: DO NOT DEPLOY. There is a public dock that extends out into the canal. Call City of Ocean Shores before deployment (360-289-3331).

Watercourse: Canal - Ocean Shores Fresh Waterways System

Resources at Risk: Forage Fish, Kelp Beds, Resident Fish, Salmonids



Recommended Equipment

1 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
200 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - (hand-launch)

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

DO NOT DEPLOY - South End Grand Canal Park

GH-1



GH-1 Photo: From dock on canal, looking southeast towards culvert. Photo was taken in early October.



Site Contact

City of Ocean Shores
Municipality (County/City) : Police Dept.

Ocean Shores, WA 98569
360-289-3331

Nearest Address

1035 Discovery Ave SE
Ocean Shores, WA 98569

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
5. At the traffic light, turn left on WA-109 (Emerson Ave)
6. Turn left on WA-115
7. Turn left on Point Brown Ave NE toward Airport
8. At the roundabout, take the second exit onto Point Brown Ave
9. Turn left on Discovery Ave SE
10. Location is on the left

Grays Harbor National Wildlife Refuge **GH-2**

Position - Location: 46° 58.948', -123° 56.804' 46° 58' 56.9", -123° 56' 48.3" 46.98246, -123.94674 Hoquiam

Strategy Objective: Collection : Collect oil moving east into Bowerman Basin.

Implementation: Using workboat, deploy 1000ft boom at anchor point A. Secure remainder to the southwest at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

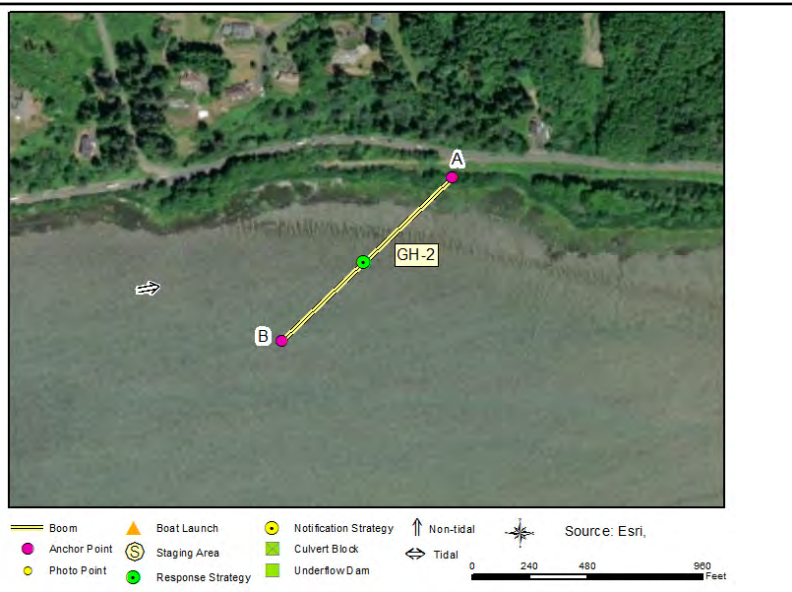
Staging Area: Remote: Stage equipment at SA-GH-2 Levee Street Boat Launch (813 Levee St, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: The onsite address is 158 WA-109 in Hoquiam. Call Grays Harbor National Wildlife Refuge before deployment (360-532-0892).

Watercourse: Bay - Bowerman Basin

Resources at Risk: Eelgrass, Marsh, Mud Flat(s), Resident Fish, Salmonids, Shorebirds, Sweetgrass, Waterfowl, Wildlife Refuge



Recommended Equipment

9 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
1000 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - (airboat)

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Grays Harbor National Wildlife Refuge

GH-2



GH-2 Photo: Stage equipment at SA-GH-2 Levee Street Boat Launch (813 Levee St, Hoquiam, WA 98550).



Site Contact

Grays Harbor National Wildlife Refuge
 Land/Property Contact :
 360-753-9046

Nearest Address

813 Levee St
 Hoquiam, WA 98550

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at Levee Street Boat Launch (SABL-GH-2):
1. Go west on US-12 toward Hill Rd
 2. At the traffic light, continue forward on US-101 N (E Wishkah St)
 3. At the traffic light, turn right on US-101 N (S Alder St)
 4. Bear left on 6th St
 5. At the traffic light, make a sharp left on Simpson Ave (US-101 S)
 6. Turn left on 9th St
 7. Location is at the end of the road

Bowerman Airport on Moon Island GH-3

Position - Location: 46° 58.084', -123° 56.986' 46° 58' 5.1", -123° 56' 59.1" 46.96807, -123.94976 Hoquiam

Strategy Objective: Deflection : Move oil away from Grays Harbor National Wildlife Refuge.

Implementation: Using workboat, deploy 1000ft boom at anchor point A. Secure remainder to the southwest at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Remote: Stage equipment at SA-GH-2 Levee Street Boat Launch (813 Levee St, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Boom may need to be angled in a southeasterly direction depending upon the tidal conditions and/or spill origin during deployment. Onsite address is Airport Way in Hoquiam. Call Port of Grays Harbor before deployment (360-533-9528).

Watercourse: Bay - Grays Harbor - Moon Island

Resources at Risk: Eelgrass, Marsh, Mud Flat(s), Resident Fish, Salmonids, Shorebirds, Sweetgrass, Waterfowl, Wildlife Refuge



Recommended Equipment

9 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
1000 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Bridle(s) - Towing (appropriately sized for boom)
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Bowerman Airport on Moon Island

GH-3



GH-3 Photo: From Grays Harbor, looking north towards Moon Island and Bowerman Basin. Photo was taken in summer 2016.



Site Contact

Port of Grays Harbor

Land/Property Owner : Main Office
360-533-9528

Grays Harbor National Wildlife Refuge

Land/Property Contact :
360-753-9046

Nearest Address

813 Levee St
Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Levee Street Boat Launch (SABL-GH-2):

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Bear left on 6th St
5. At the traffic light, make a sharp left on Simpson Ave (US-101 S)
6. Turn left on 9th St
7. Location is at the end of the road

Old Cannery Park **GH-4**

Position - Location: 46° 58.270', -123° 54.065' 46° 58' 16.2", -123° 54' 3.9" 46.97116, -123.90109 Hoquiam

Strategy Objective: Collection : Collect oil moving along the northern shore of Grays Harbor.

Implementation: Using workboat, deploy 600ft boom at anchor point A. Secure remainder in the channel at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Remote: Stage equipment at SA-GH-2 Levee Street Boat Launch (813 Levee St, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Boom may need to be angled in a southwesterly direction depending upon the tidal conditions and/or spill origin during deployment. Onsite address is 1355 5th St in Aberdeen. Call City of Hoquiam before deployment (360-532-0892).

Watercourse: Bay - Grays Harbor

Resources at Risk: City Park, Estuary Resources, Raptors, Resident Fish, Salmonids, Shorebirds, Waterfowl



Recommended Equipment

5 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
600 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

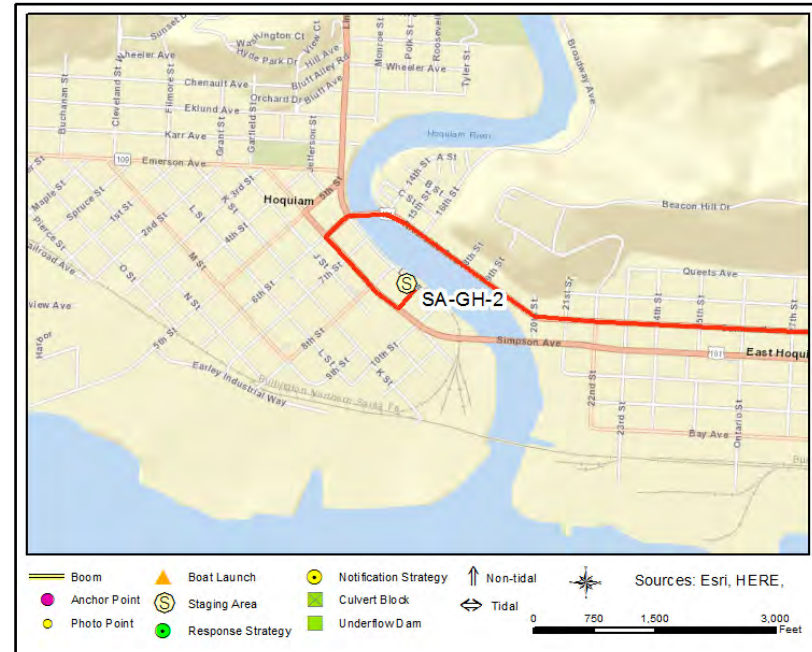
1	Boat Operator
3	Laborer
1	Supervisor

Old Cannery Park

GH-4



GH-4 Photo: From park shoreline, looking southwest. Photo was taken at low tide in early October.



Site Contact

City of Hoquiam
Municipality (County/City) : Police Dept.

Hoquiam, WA 98550
360-532-0892

Nearest Address

813 Levee St
Hoquiam, WA 98550

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at Levee Street Boat Launch (SABL-GH-2):
1. Go west on US-12 toward Hill Rd
 2. At the traffic light, continue forward on US-101 N (E Wishkah St)
 3. At the traffic light, turn right on US-101 N (S Alder St)
 4. Bear left on 6th St
 5. At the traffic light, make a sharp left on Simpson Ave (US-101 S)
 6. Turn left on 9th St
 7. Location is at the end of the road

28th Street Boat Launch GH-5

Position - Location: 46° 58.006', -123° 51.613' 46° 58' .4", -123° 51' 36.8" 46.96677, -123.86022 Hoquiam

Strategy Objective: Collection : Collect oil moving through Hoquiam/Cow Point Reach

Implementation: Using workboat, deploy 800ft boom at anchor point A. Secure remainder at anchor point C after setting boom around breakwater. Also, deploy boom to cover mouth of Fry Creek. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Boom may need to be angled in a southwesterly direction depending upon the tidal conditions and/or spill origin during deployment. Call Port of Grays Harbor before deployment (360-533-9528).

Watercourse: Bay - Grays Harbor (Hoquiam & Cow Point Reach)

Resources at Risk: Marsh, Resident Fish, Salmonids



Recommended Equipment

6 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
800 Feet	Boom - B3 (Contractor Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

28th Street Boat Launch

GH-5



GH-5 Photo: From boat ramp, looking southeast during a deployment drill with Rennie Island in the background. Photo was taken in fall 2017.



Site Contact

Port of Grays Harbor
 Land/Property Owner : Main Office
 360-533-9528

Nearest Address

2800 John Stevens Way
 Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at 28th Street Landing (SABL-GH-3):

1. Head west on US-12 toward Hill Rd
2. Continue forward on W Wishkah St (US-12)
3. Bear right to stay on W Wishkah St
4. Continue forward on Port Industrial Rd
5. Turn left
6. Bear left on John Stevens Way
7. Location is on the left side of the road

Aberdeen Reach **GH-6**

Position - Location: 46° 58.063', -123° 48.836' 46° 58' 3.8", -123° 48' 50.2" 46.96772, -123.81394 Hoquiam

Strategy Objective: Collection : Collect oil moving into Grays Harbor from Chehalis River.

Implementation: Using workboat, deploy 600ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

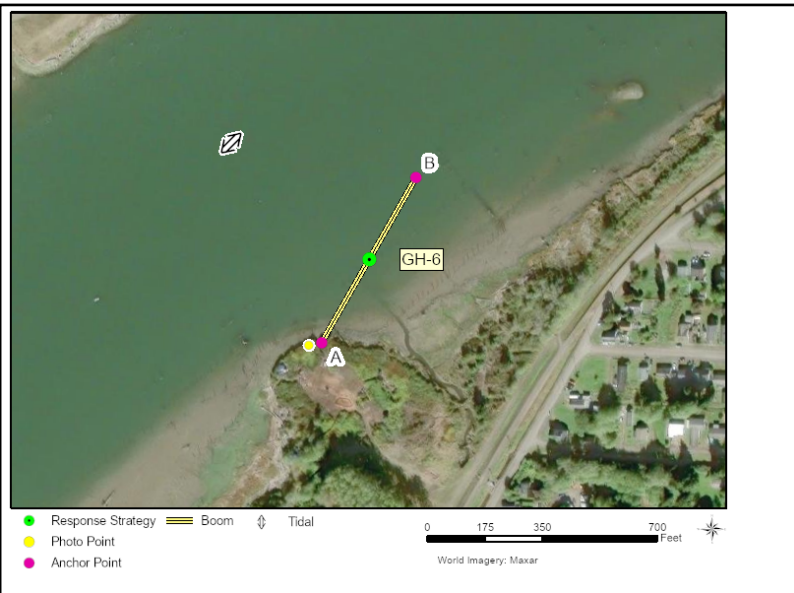
Staging Area: Remote: Stage equipment at SA-GH-3 28th Street Landing (2800 John Stevens Way, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: A vacuum truck may not be able to reach the shoreline. During a December 2024 deployment, shoreline access was impacted due to illegal dumping, homeless encampments, and blackberry brambles. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Bay - Grays Harbor (Aberdeen Reach)

Resources at Risk: Marsh, Resident Fish, Salmonids, Waterfowl



Recommended Equipment

5 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
600 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Machete(s) - (or other vegetation cutting tool)
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Aberdeen Reach

GH-6



GH-6 Photo: From shoreline, looking northeast towards Chehalis River mouth. Photo was taken in December during a deployment drill.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

2800 John Stevens Way
Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at 28th Street Landing (SABL-GH-3):

1. Head west on US-12 toward Hill Rd
2. Continue forward on W Wishkah St (US-12)
3. Bear right to stay on W Wishkah St
4. Continue forward on Port Industrial Rd
5. Turn left
6. Bear left on John Stevens Way
7. Location is on the left side of the road

Redman Slough GH-7

Position - Location: 46° 53.860', -124° 1.868' 46° 53' 51.6", -124° 1' 52.1" 46.89766, -124.03113 Aberdeen

Strategy Objective: Exclusion : Keep oil out of Redman Slough.

Implementation: Deploy 100ft boom at anchor point A. Secure remainder across slough at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Bottle Beach State Park is upstream of this location. Collection operations may be possible at times. Gate at end of road may or may not be unlocked. Call Grays Harbor Audubon Society (property owner) before deployment (360-495-3950).

Watercourse: Slough - Redman Slough

Resources at Risk: Eelgrass, Raptors, Resident Fish, Salmonids, Shellfish, Shorebirds, State Park, Waterfowl, Wetlands



Recommended Equipment

2 Each	Anchoring System(s)- Shoreside
100 Feet	Boom - B3 (River Boom) or equivalent
100 Feet	Line - 1/2" poly line
1 Each	Workboat(s) - (hand-launch)

Recommended Personnel

2	Laborer
1	Supervisor

Redman Slough

GH-7



GH-7 Photo: From right bank, looking west towards narrow part of slough. Photo was taken in January.



Site Contact

Grays Harbor Audubon Society
Land/Property Owner : President

Hoquiam, WA 98550
360-495-3950

Nearest Address

14 Ocosta Myrtle St
Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
3. At the traffic light, continue forward on US-101 N (E Wishkah St)
4. At the traffic light, make a sharp left on S H St
5. At the traffic light, continue forward on US-101 S
6. At the traffic light, continue forward on WA-105
7. Turn right on Ocosta Myrtle St
8. Location is at the end of the road

WA-105 Bridge over Elk River Mouth (East) GH-8

Position - Location: 46° 51.756', -124° 3.999' 46° 51' 45.4", -124° 3' 59.9" 46.86260, -124.06665 Aberdeen

Strategy Objective: Collection : Collect oil moving south into Elk River.

Implementation: Using workboat, deploy 400ft boom on left bank of river at anchor point A. Then extend boom northeast and secure end near anchor

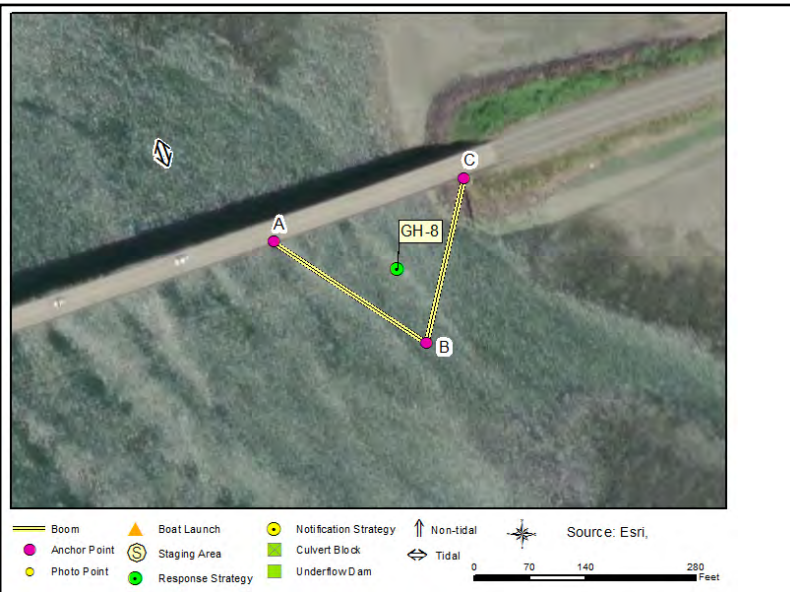
Staging Area: Remote: Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Elk River

Resources at Risk: Eelgrass, Forage Fish, Herons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl



Recommended Equipment

3 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Skimmer (appropriately sized) with Portable Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

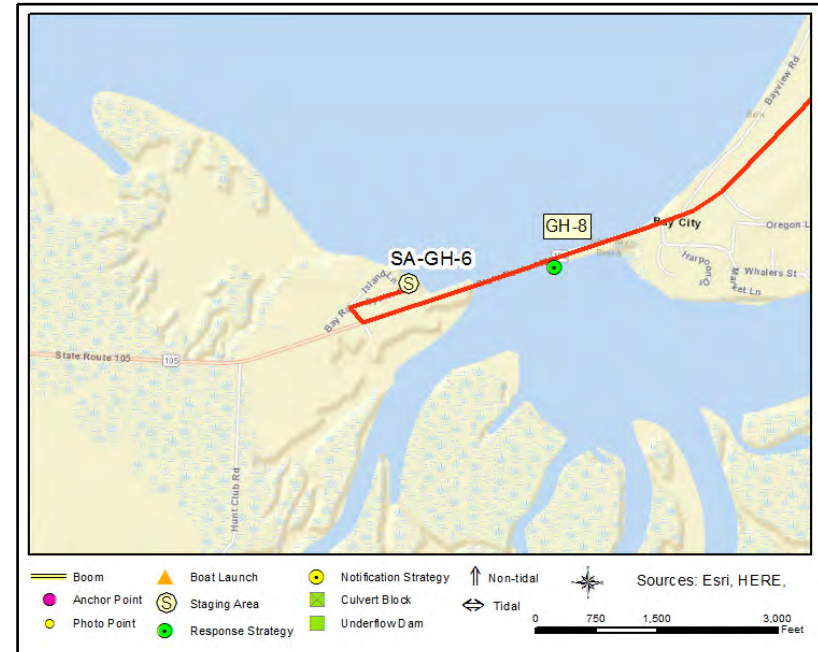
1	Boat Operator
2	Laborer
1	Supervisor

WA-105 Bridge over Elk River Mouth (East)

GH-8



GH-8 Photo: From Elk River, looking northeast towards eastern end of bridge. Photo was taken in early October.



Site Contact

Nearest Address

3714 Oyster Pl
Aberdeen, WA 98520

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at Brady's Oysters (SABL-GH-6):
1. Head west on WA-8 W (US-101 N)
 2. Continue forward on US-12 W
 3. At the traffic light, continue forward on US-101 N (E Wishkah St)
 4. At the traffic light, make a sharp left on S H St
 5. At the traffic light, continue forward on US-101 S
 6. At the traffic light, continue forward on WA-105
 7. Turn right on Oyster Pl
 8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
 9. Location is at the end of the road

WA-105 Bridge over Elk River Mouth (Center-East) GH-9

Position - Location: 46° 51.743', -124° 4.052' 46° 51' 44.6", -124° 4' 3.1" 46.86238, -124.06754 Aberdeen

Strategy Objective: Collection : Collect oil moving south into Elk River.

Implementation: Using workboat, deploy 400ft boom at anchor point A. Then extend boom northeast and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southeast into river channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Chevron may need to be angled upriver depending upon the tidal conditions. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Elk River

Resources at Risk: Eelgrass, Forage Fish, Herons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

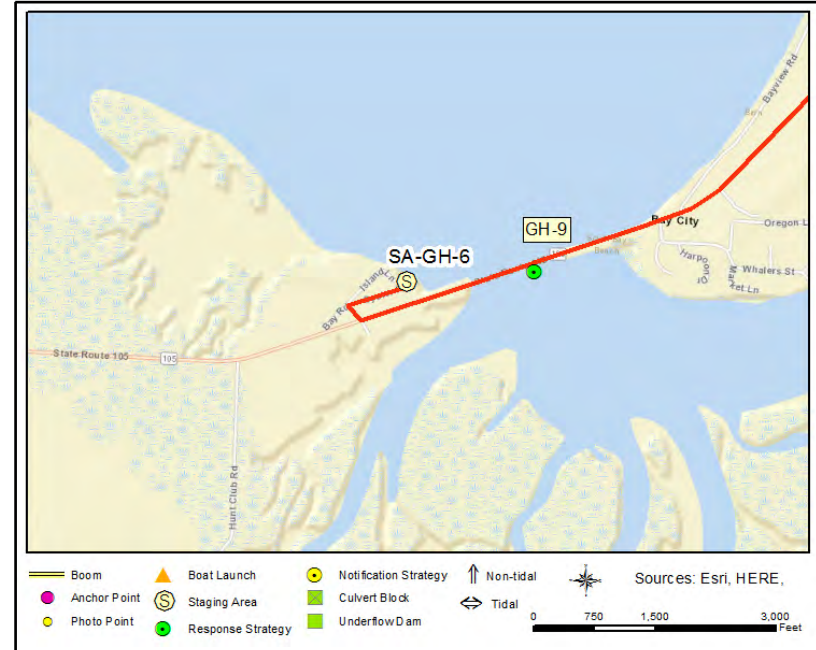
1	Boat Operator
2	Laborer
1	Supervisor

WA-105 Bridge over Elk River Mouth (Center-East)

GH-9



GH-9 Photo: From Elk River, looking northeast towards eastern end of bridge. Photo was taken in early October.



Site Contact

Nearest Address

3714 Oyster Pl
Aberdeen, WA 98520

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at Brady's Oysters (SABL-GH-6):
1. Head west on WA-8 W (US-101 N)
 2. Continue forward on US-12 W
 3. At the traffic light, continue forward on US-101 N (E Wishkah St)
 4. At the traffic light, make a sharp left on S H St
 5. At the traffic light, continue forward on US-101 S
 6. At the traffic light, continue forward on WA-105
 7. Turn right on Oyster Pl
 8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
 9. Location is at the end of the road

WA-105 Bridge over Elk River Mouth (Center) GH-10

Position - Location: 46° 51.731', -124° 4.104' 46° 51' 43.8", -124° 4' 6.2" 46.86218, -124.06840 Aberdeen

Strategy Objective: Collection : Collect oil moving south into Elk River.

Implementation: Using workboat, deploy 400ft boom on left bank of river at anchor point A. Then extend boom northeast and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southeast into river channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Elk River

Resources at Risk: Eelgrass, Forage Fish, Herons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Skimmer (appropriately sized) with Portable Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

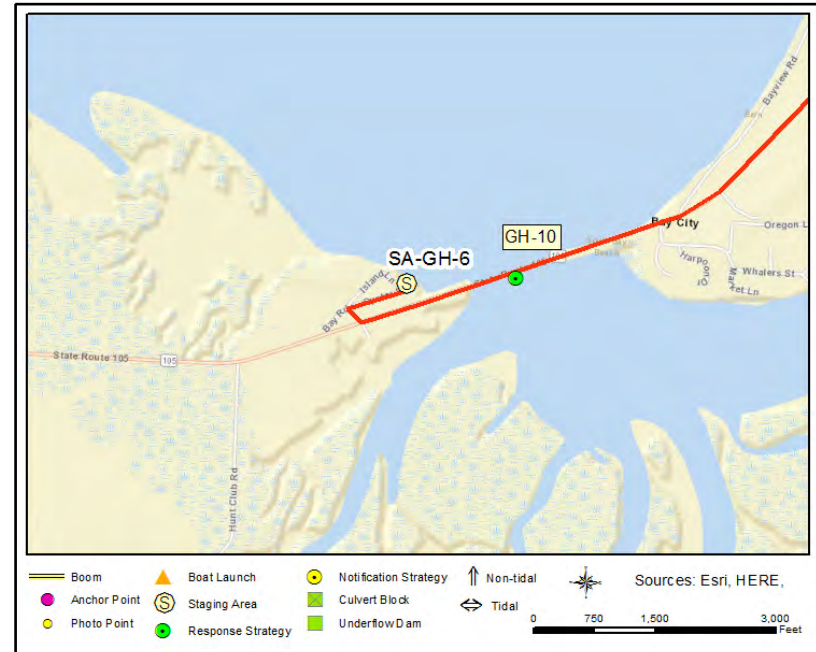
1	Boat Operator
2	Laborer
1	Supervisor

WA-105 Bridge over Elk River Mouth (Center)

GH-10



GH-10 Photo: From Elk River, looking northwest towards central end of bridge. Photo was taken in early October.



Site Contact

Nearest Address

3714 Oyster Pl
Aberdeen, WA 98520

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at Brady's Oysters (SABL-GH-6):
1. Head west on WA-8 W (US-101 N)
 2. Continue forward on US-12 W
 3. At the traffic light, continue forward on US-101 N (E Wishkah St)
 4. At the traffic light, make a sharp left on S H St
 5. At the traffic light, continue forward on US-101 S
 6. At the traffic light, continue forward on WA-105
 7. Turn right on Oyster Pl
 8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
 9. Location is at the end of the road

WA-105 Bridge over Elk River Mouth (Center-West) GH-11

Position - Location: 46° 51.713', -124° 4.160' 46° 51' 42.8", -124° 4' 9.6" 46.86189, -124.06934 Aberdeen

Strategy Objective: Collection : Collect oil moving south into Elk River.

Implementation: Using workboat, deploy 400ft boom at anchor point A. Then extend boom northeast and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southeast into river channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Chevron may need to be angled upriver depending upon the tidal conditions. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Elk River

Resources at Risk: Eelgrass, Forage Fish, Herons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
400 Feet	Boom - B2 (Contractor Boom) or equivalent
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

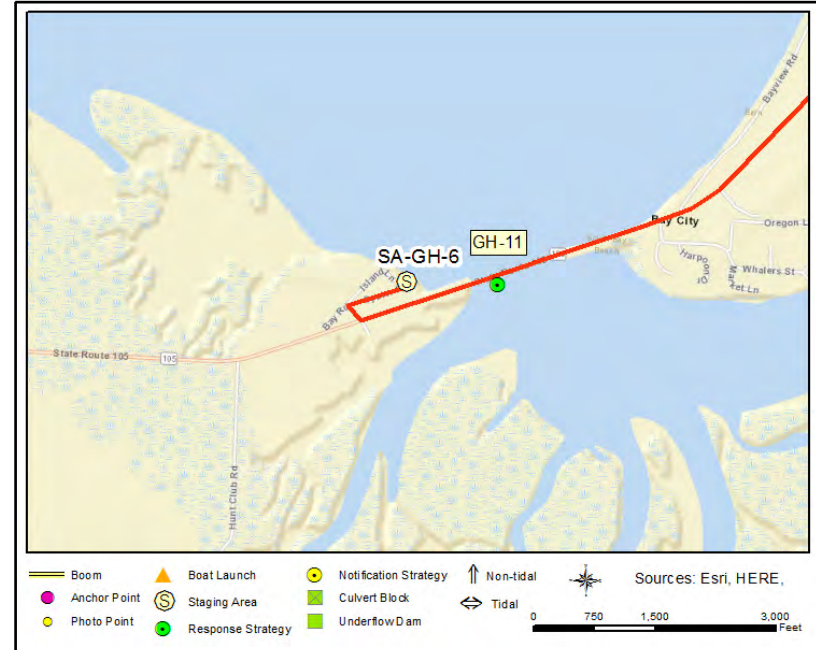
1	Boat Operator
2	Laborer
1	Supervisor

WA-105 Bridge over Elk River Mouth (Center-West)

GH-11



GH-11 Photo: From Elk River, looking northwest towards western end of bridge. Photo was taken in late October.



Site Contact

Nearest Address

3714 Oyster Pl
Aberdeen, WA 98520

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Brady's Oysters (SABL-GH-6):

1. Head west on WA-8 W (US-101 N)
2. Continue forward on US-12 W
3. At the traffic light, continue forward on US-101 N (E Wishkah St)
4. At the traffic light, make a sharp left on S H St
5. At the traffic light, continue forward on US-101 S
6. At the traffic light, continue forward on WA-105
7. Turn right on Oyster Pl
8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
9. Location is at the end of the road

WA-105 Bridge over Elk River Mouth (West) GH-12

Position - Location: 46° 51.704', -124° 4.214' 46° 51' 42.2", -124° 4' 12.8" 46.86173, -124.07023 Aberdeen

Strategy Objective: Collection : Collect oil moving south into Elk River.

Implementation: Using workboat, deploy 400ft boom on left bank of river at anchor point A. Then extend boom northeast and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southeast into river channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

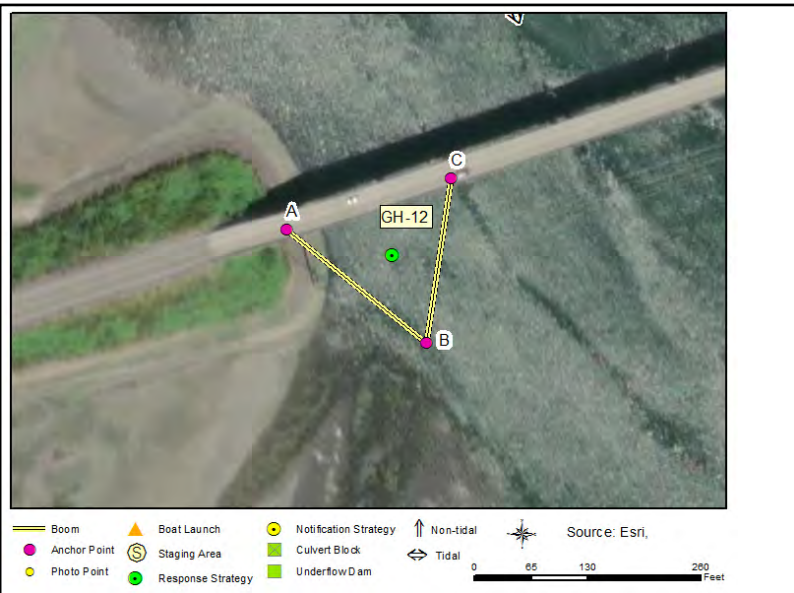
Staging Area: Remote: Stage equipment at SA-GH-6 Brady's Oysters (3714 Oyster Pl, Aberdeen, WA 98520).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Elk River

Resources at Risk: Eelgrass, Forage Fish, Herons, Marsh, Mud Flat(s), Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shorebirds, State Lands, Waterfowl



Recommended Equipment

3 Each	Anchoring System(s) - (anchor, lines, floats)
1 Each	Anchoring System(s)- Shoreside
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Skimmer (appropriately sized) with Portable Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

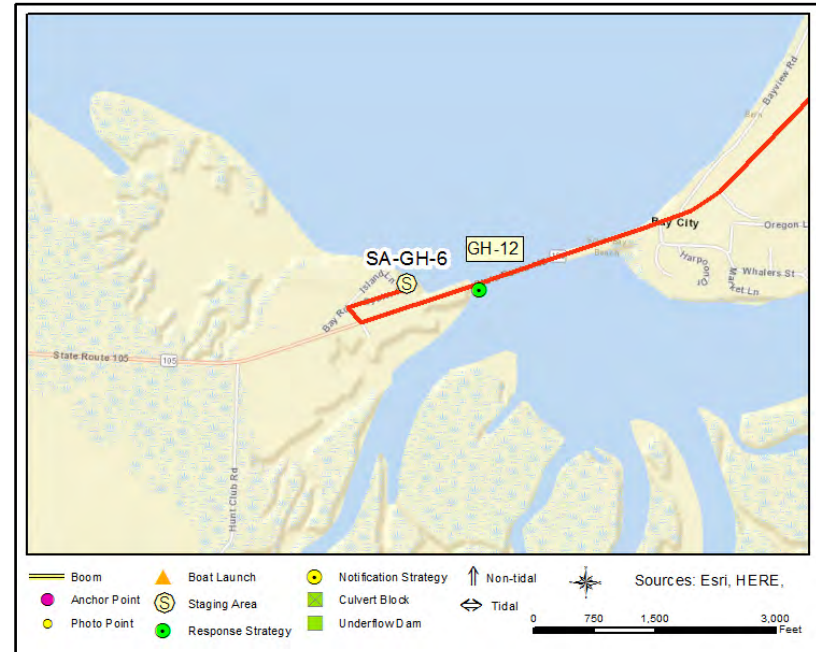
1	Boat Operator
2	Laborer
1	Supervisor

WA-105 Bridge over Elk River Mouth (West)

GH-12



GH-12 Photo: From Elk River, looking northwest towards western end of bridge. Photo was taken in early October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

3714 Oyster Pl
Aberdeen, WA 98520

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at Brady's Oysters (SABL-GH-6):
1. Head west on WA-8 W (US-101 N)
 2. Continue forward on US-12 W
 3. At the traffic light, continue forward on US-101 N (E Wishkah St)
 4. At the traffic light, make a sharp left on S H St
 5. At the traffic light, continue forward on US-101 S
 6. At the traffic light, continue forward on WA-105
 7. Turn right on Oyster Pl
 8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
 9. Location is at the end of the road

Unnamed Slough in South Bay GH-13

Position - Location: 46° 51.535', -124° 5.072' 46° 51' 32.1", -124° 5' 4.3" 46.85892, -124.08453 Westport

Strategy Objective: Exclusion : Keep oil out of slough to the south of this location.

Implementation: Deploy 100ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: No road shoulder. Law enforcement may need to control traffic. Hunt Club Rd (to east of location) may be the best spot for a staging area. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Slough - South Bay

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl



Recommended Equipment

2 Each	Anchoring System(s)- Shoreside
100 Feet	Boom - B3 (River Boom) or equivalent
100 Feet	Boom - Sorbent
100 Feet	Line - 1/2" poly line

Recommended Personnel

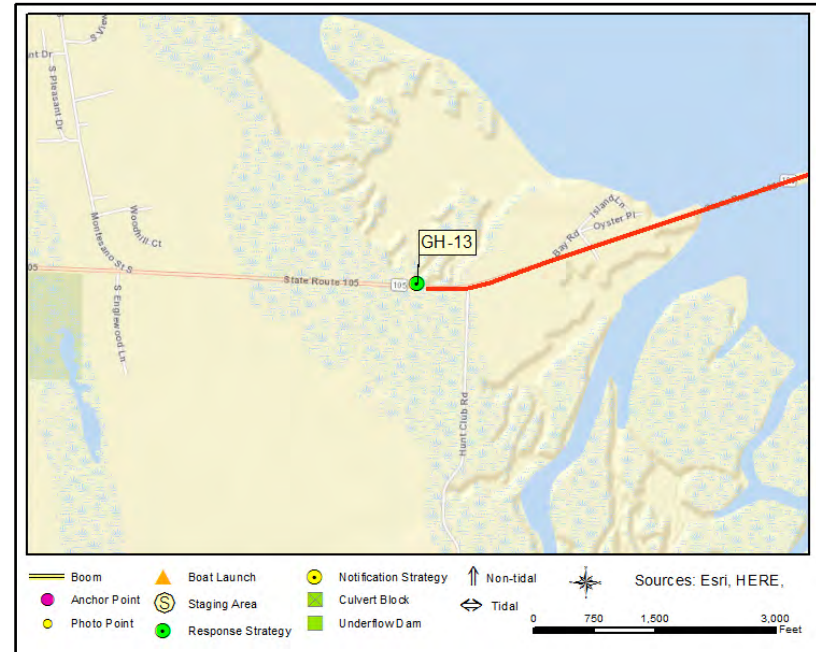
2	Laborer
1	Supervisor

Unnamed Slough in South Bay

GH-13



GH-13 Photo: From highway, looking northeast towards South Bay. Photo was taken in August.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency
 Management
 360-249-3911

Nearest Address

700 WA-105
 Westport, WA 98595

Driving Directions

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Location is on the right

Gillis Slough **GILS-0.0**

Position - Location: 47° 2.375', -124° 2.998' 47° 2' 22.5", -124° 2' 59.9" 47.03959, -124.04997 Hoquiam

Strategy Objective: Exclusion : Keep oil out of Gillis Slough.

Implementation: Using workboat, deploy 400ft boom on left bank of slough at anchor point A. Then extend boom northwest and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southwest, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Deploy at high tide only. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Slough - Gillis Slough

Resources at Risk: Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

3 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - (airboat)

Recommended Personnel

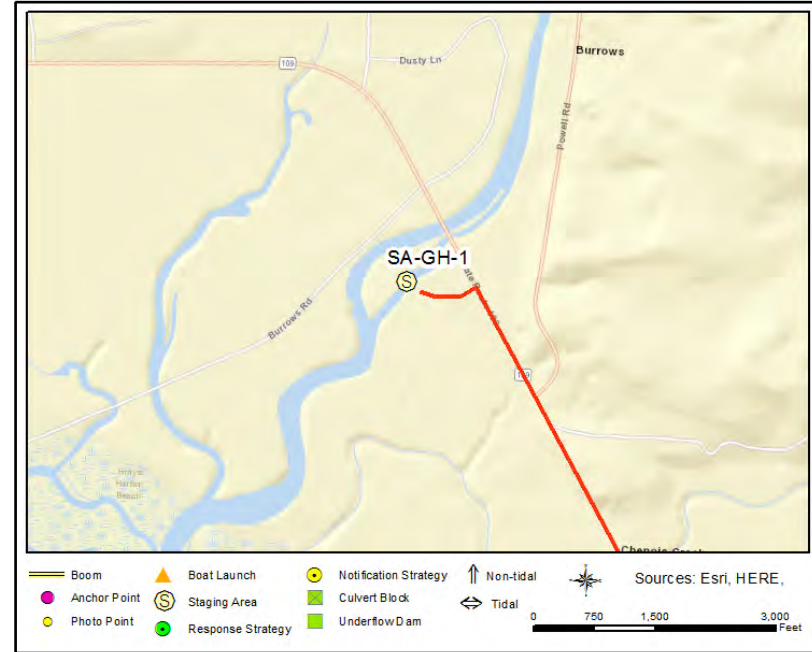
1	Boat Operator
2	Laborer
1	Supervisor

Gillis Slough

GILS-0.0



GILS-0.0 Photo: Mouth of Gillis Slough in the center of the image (Humptulips River to the left). Photo was taken in summer 2016.



Site Contact

Grays Harbor County

Municipality (County/City) : Dept. of Emergency Management
360-249-3911

Grays Harbor Audubon Society

Land/Property Owner : President
360-495-3950

Nearest Address

1300 WA-109
Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Morley WDFW Water Access Area (SABL-GH-1):

1. Head west on Hwy 8 then 12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Turn right on Powell Rd
8. Location is on the left before crossing the bridge

Grass Creek **GRSC-0.1**

Position - Location: 47° .244', -124° .122' 47° 0' 14.7", -124° 0' 7.3" 47.00407, -124.00203 Hoquiam

Strategy Objective: Exclusion : Keep oil out of Grass Creek.

Implementation: Using workboat, deploy 400ft boom on right bank of river at anchor point A. Then extend boom southeast and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southwest into creek channel, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Lytle Seafoods on the right bank of the creek is a notification strategy (GRSC-0.1-N). Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Grass Creek

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

3 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
400 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
2	Laborer
1	Supervisor

Grass Creek

GRSC-0.1



GRSC-0.1 Photo: From left bank of creek, looking towards Lytle Seafoods. Photo was taken in August.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency Management
 360-249-3911

Lytle Seafoods
 Land/Property Owner :
 360-538-2654

Nearest Address

1 Rock View Ln
 Hoquiam, WA 98550

Driving Directions

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
5. At the traffic light, turn left on WA-109 (Emerson Ave)
6. Turn left on to Rock View Ln

Humptulips River Mouth HMPR-0.0

Position - Location: 47° 2.461', -124° 3.284' 47° 2' 27.7", -124° 3' 17.0" 47.04102, -124.05473 Hoquiam

Strategy Objective: Exclusion : Keep oil out of Humptulips River.

Implementation: Using workboat, deploy 400ft boom on left bank at anchor point A. Then extend boom northwest and secure end near anchor point C. Near boom midpoint, use workboat to pull boom southwest, creating a chevron, and anchor near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Humptulips River

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

3 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
400 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - (airboat)

Recommended Personnel

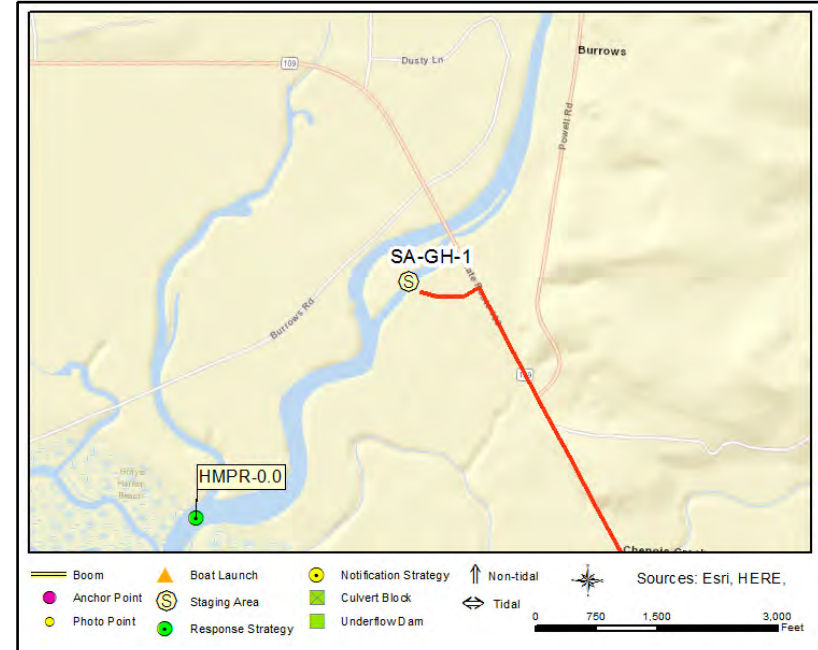
1	Boat Operator
2	Laborer
1	Supervisor

Humptulips River Mouth

HMPR-0.0



HMPR-0.0 Photo: Mouth of Humptulips River in the center of the image, looking north. Photo was taken in summer 2016.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency Management
 360-249-3911

Nearest Address

1300 WA-109
 Hoquiam, WA 98550

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at Morley WDFW Water Access Area (SABL-GH-1):
1. Head west on Hwy 8 then 12
 2. Go southeast on S H St toward US-101 N
 3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
 4. At the traffic light, turn right on US-101 N (S Alder St)
 5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
 6. At the traffic light, turn left on WA-109 (Emerson Ave)
 7. Turn right on Powell Rd
 8. Location is on the left before crossing the bridge

Humptulips River Right Bank HMPR-0.8R

Position - Location: 47° 2.866', -124° 2.801' 47° 2' 52.0", -124° 2' 48.0" 47.04777, -124.04668 Hoquiam

Strategy Objective: Exclusion : Keep oil out of right channel of Humptulips River.

Implementation: Using workboat, deploy 300ft boom on island at anchor point A. Then extend boom southwest and secure end near anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).

Site Safety: Slips, Trips, Falls; Water Hazard; Debris & Heavy Brush Along River Banks; Submerged Obstructions in River & Floating Debris

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Humptulips River

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
300 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Workboat(s) - (airboat)

Recommended Personnel

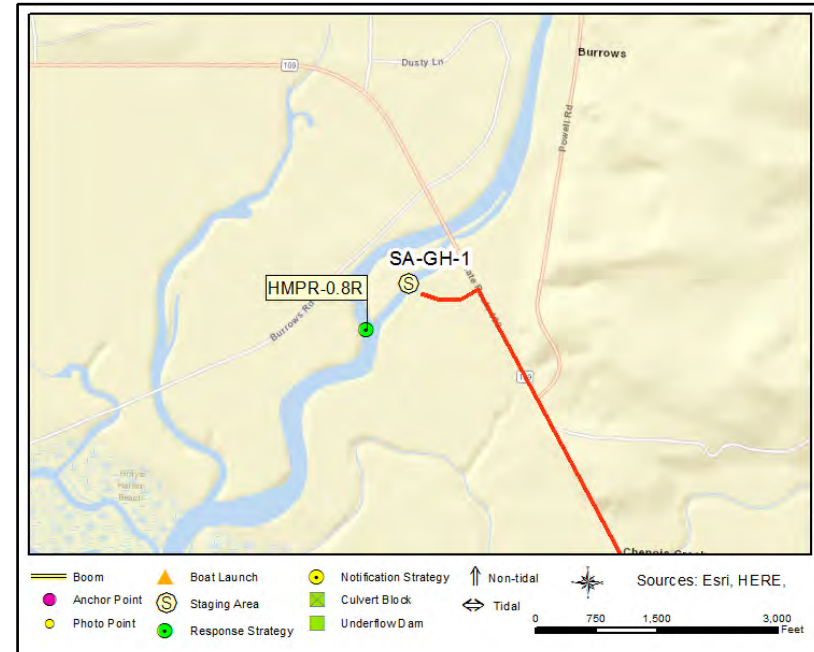
1	Boat Operator
2	Laborer
1	Supervisor

Humptulips River Right Bank

HMPR-0.8R



HMPR-0.8R Photo: From the right bank of the river, looking east to where the left and right channel join south of the island.



Site Contact

Grays Harbor County

Municipality (County/City) : Dept. of Emergency Management
360-249-3911

Nearest Address

1300 WA-109
Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Morley WDFW Water Access Area (SABL-GH-1):

1. Head west on Hwy 8 then 12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Turn right on Powell Rd
8. Location is on the left before crossing the bridge

Humptulips River at Morley WDFW Water Access Area HMPR-0.9L

Position - Location: 47° 2.954', -124° 2.689' 47° 2' 57.2", -124° 2' 41.4" 47.04923, -124.04482 Hoquiam

Strategy Objective: Collection : Collect oil moving upriver on Humptulips River.

Implementation: Using workboat, deploy 300ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

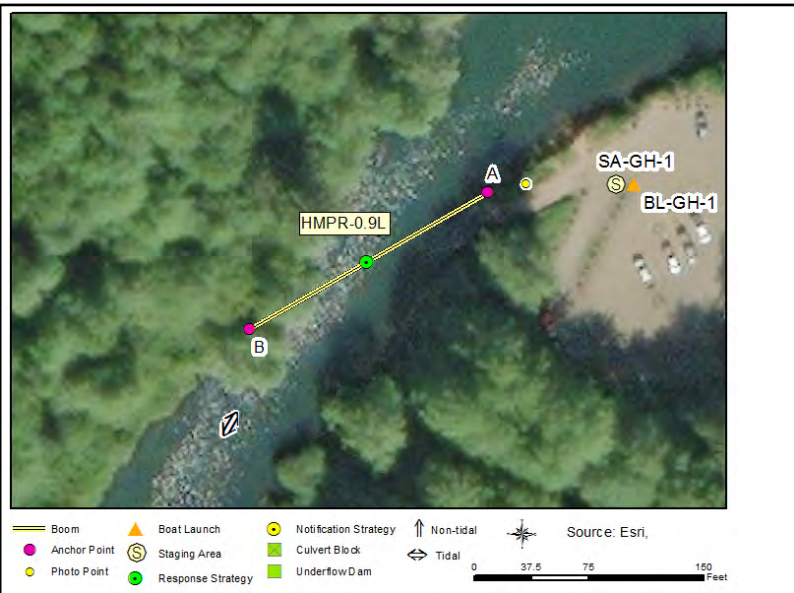
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surface; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Humptulips River

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B3 (Contractor Boom) or equivalent
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

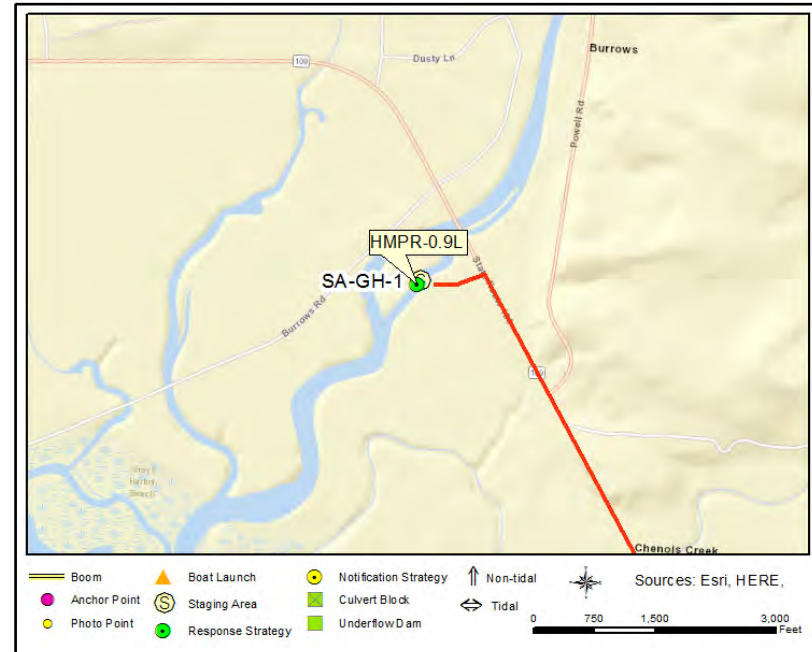
1	Boat Operator
2	Laborer
1	Supervisor

Humptulips River at Morley WDFW Water Access Area

HMPR-0.9L



HMPR-0.9L Photo: From bottom of boat ramp, looking southwest/downriver. Photo was taken in early October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

1300 WA-109
Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Morley WDFW Water Access Area (SABL-GH-1):

1. Head west on Hwy 8 then 12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Turn right on Powell Rd
8. Location is on the left before crossing the bridge

Humptulips River (Right Bank) HMPR-0.9R

Position - Location: 47° 2.992', -124° 2.812' 47° 2' 59.5", -124° 2' 48.7" 47.04986, -124.04686 Hoquiam

Strategy Objective: Collection : Collect oil moving upriver on Humptulips River.

Implementation: Using workboat, deploy 400ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Remote: Stage equipment at SA-GH-1 Morley WDFW Water Access Area (1300 WA-109, Hoquiam, WA 98550).

Site Safety: Slips, Trips, Falls; Uneven Surface; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911). The vac truck can park and operate along Burrows Road.

Watercourse: River - With Tidal Influence - Humptulips River

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B3 (River Boom) or equivalent
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

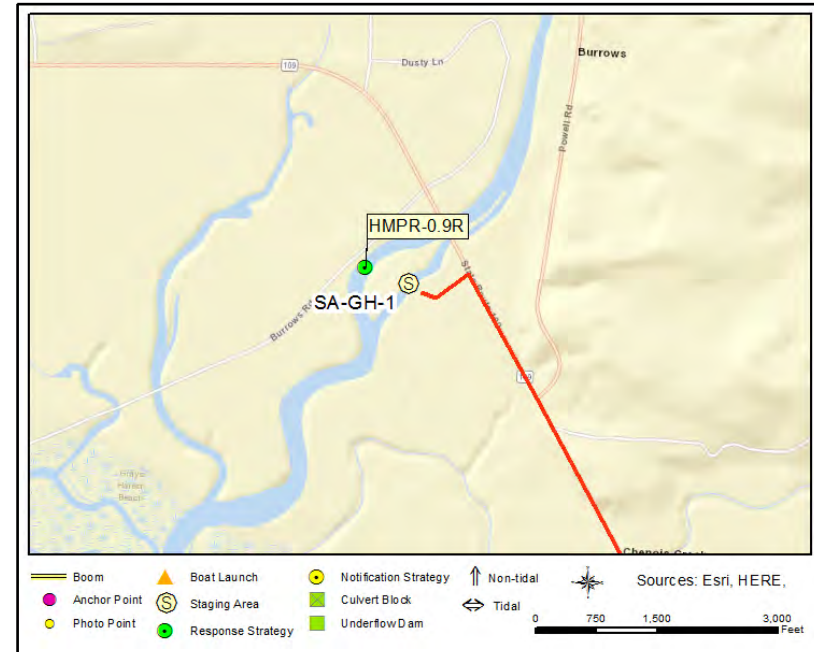
1	Boat Operator
2	Laborer
1	Supervisor

Humptulips River (Right Bank)

HMPR-0.9R



HMPR-0.9R Photo: From right bank of the Humptulips River, looking south/downriver. Photo was taken in early October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management
360-249-3911

Nearest Address

1300 WA-109
Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Morley WDFW Water Access Area (SABL-GH-1):

1. Head west on Hwy 8 then 12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Turn right on Powell Rd
8. Location is on the left before crossing the bridge

Levee Street Boat Launch HOQR-0.6R

Position - Location: 46° 58.628', -123° 52.786' 46° 58' 37.7", -123° 52' 47.1" 46.97713, -123.87976 Hoquiam

Strategy Objective: Collection : Collect oil moving upriver on the Hoquiam River.

Implementation: Using workboat, deploy 800ft boom at anchor point A. Secure remainder across river at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call City of Hoquiam before deployment (360-532-0892).

Watercourse: River - Without a Dam - Hoquiam River

Resources at Risk: City Park, Resident Fish, Salmonids



Recommended Equipment

7 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
800 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Levee Street Boat Launch

HOQR-0.6R



HOQR-0.6R Photo: From Hoquiam Park on river right, looking east/downriver. Photo was taken in early October.



Site Contact

City of Hoquiam

Municipality (County/City) : Police Dept.

Hoquiam, WA 98550
360-532-0892

Nearest Address

813 Levee St
Hoquiam, WA 98550

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Bear left on 6th St
5. At the traffic light, make a sharp left on Simpson Ave (US-101 S)
6. Turn left on 9th St
7. Location is at the end of the road

Indian Creek INDC-0.1

Position - Location: 46° 56.156', -123° 53.837' 46° 56' 9.4", -123° 53' 50.2" 46.93594, -123.89729 Westport

Strategy Objective: Exclusion : Keep oil out of Indian Creek.

Implementation: Deploy 100ft boom at anchor point A between highway and old rail bridge. Secure remainder across creek at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

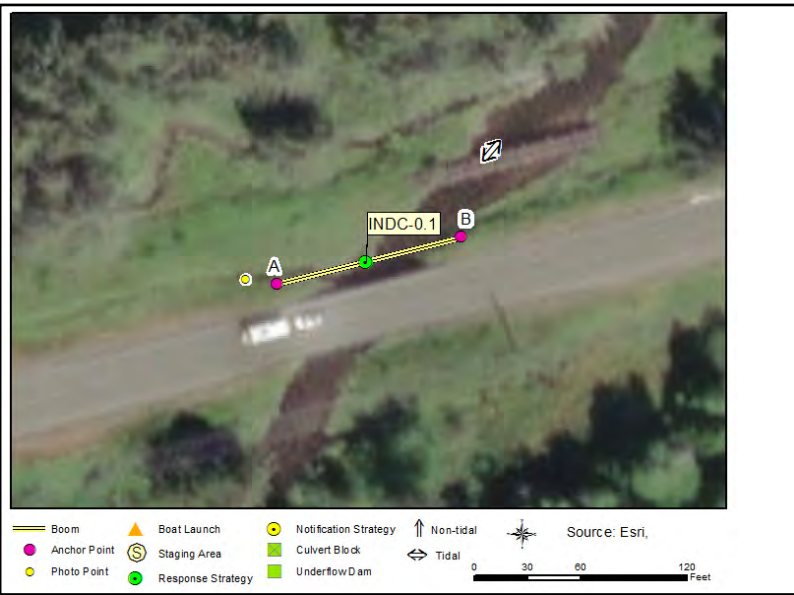
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: Little to no road shoulder. Law enforcement will likely need to control traffic to ensure responder safety. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Indian Creek

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring Post(s) - (shoreside)
100	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 1/2" poly line

Recommended Personnel

2	Laborer
1	Supervisor

Indian Creek

INDC-0.1



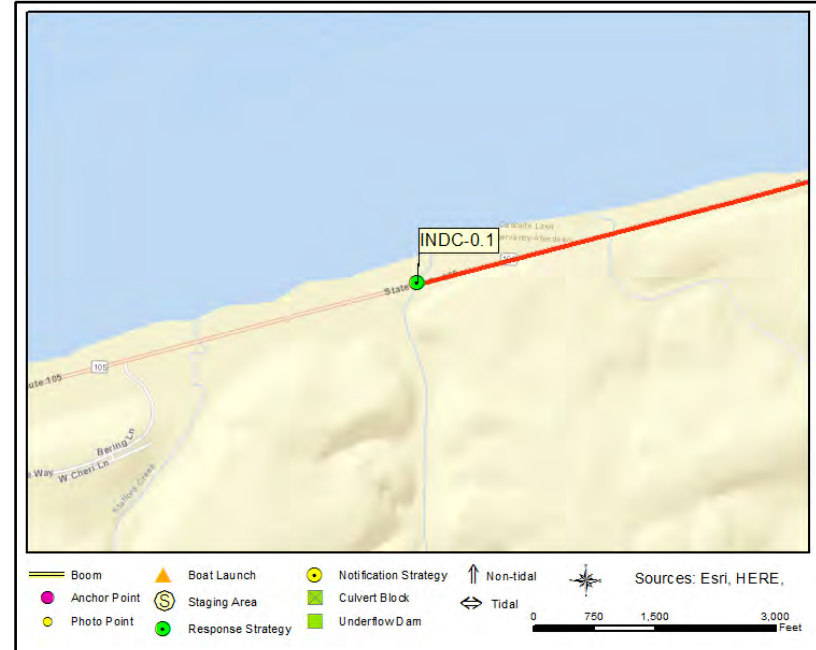
INDC-0.1 Photo: From left bank of creek, looking northeast/downstream towards rail bridge. Photo was taken in early October.

Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency Management
 360-249-3911

Nearest Address

WA-105
 Westport, WA 98595



Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Location is on the left at mile post 43

Jessie Slough JESS-0.4L

Position - Location: 47° 2.700', -124° 3.409' 47° 2' 42.0", -124° 3' 24.6" 47.04500, -124.05682 Hoquiam

Strategy Objective: Collection : Collect oil moving upstream on Jessie Slough.

Implementation: Using workboat, deploy 300ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

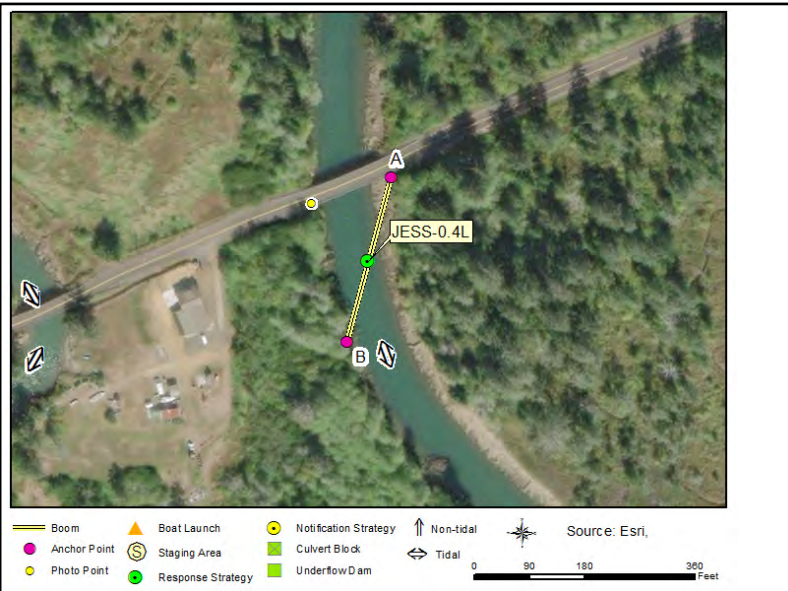
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Slough - Jessie Slough

Resources at Risk: Backwater Habitat, Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 1/2" poly line
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - (hand-launch)

Recommended Personnel

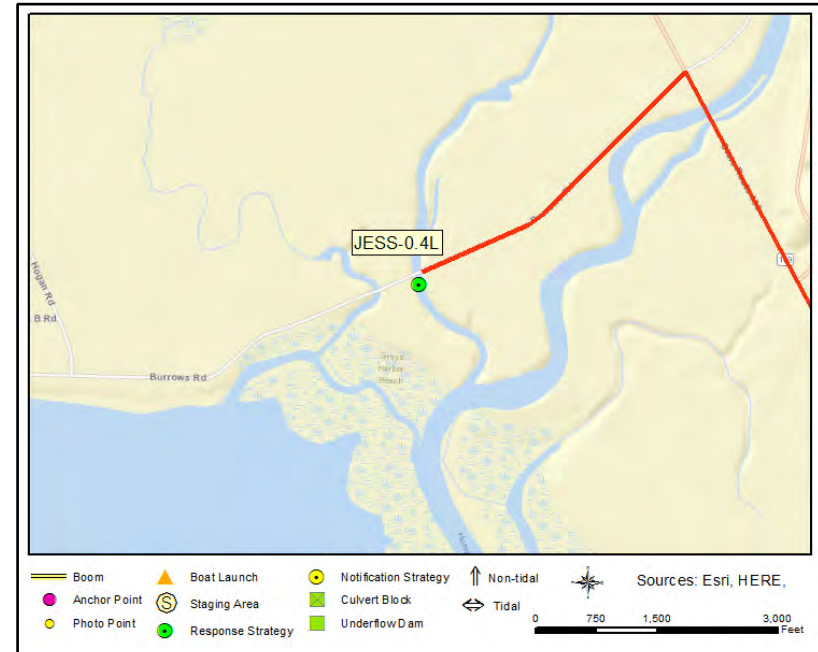
1	Boat Operator
2	Laborer
1	Supervisor

Jessie Slough

JESS-0.4L



JESS-0.4L Photo: From southeast corner of bridge, looking south/downstream. Photo was taken in early October.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency
 Management
 360-249-3911

Nearest Address

100 Burrows Rd
 Hoquiam, WA 98550

Driving Directions

1. Stay on Hwy 101 (North) in Aberdeen
2. After crossing the Hwy 101/Riverside Ave bridge over the Hoquiam River (into Hoquiam) turn right onto Leevee St/Hwy 101
3. Stay in the left lane and then turn left onto Emerson Ave/Hwy 109 in 0.1 Miles
4. Travel (North) on Hwy 109 for 10.4 Miles
5. After crossing the Humptulips River Bridge, turn left onto Burrows Rd (first left after bridge)
6. Travel on Burrows Rd for 0.8 Miles (first bridge); stage at small pulloff area near SE corner of bridge

Johns River WDFW Water Access Area JHNR-0.3L

Position - Location: 46° 54.008', -123° 59.861' 46° 54' .5", -123° 59' 51.6" 46.90013, -123.99768 Aberdeen

Strategy Objective: Collection : Collect oil moving upriver on Johns River.

Implementation: Using workboat, deploy 700ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

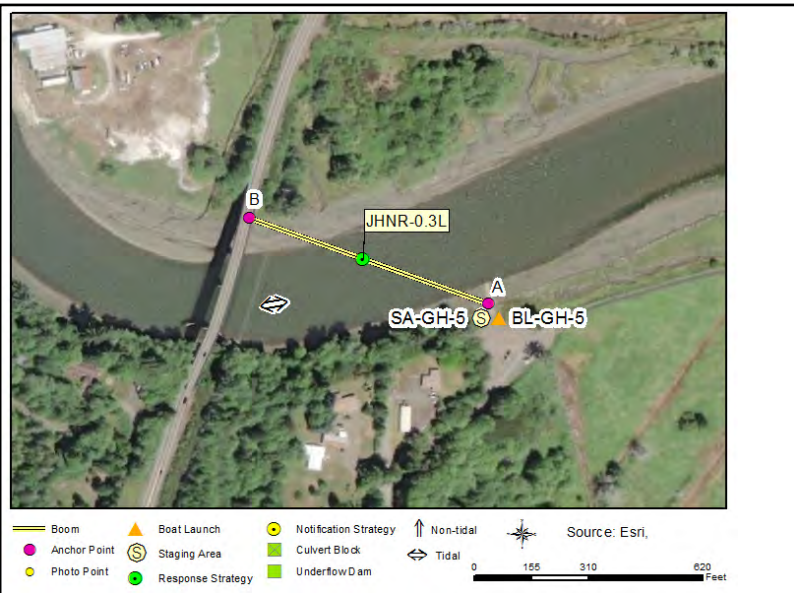
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Call WDFW before deployment (360-249-4628).

Watercourse: River - With Tidal Influence - Johns River

Resources at Risk: Marsh, Resident Fish, Salmonids, Shorebirds, Waterfowl



Recommended Equipment

6 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
700 Feet	Boom - B3 (River Boom) or equivalent
1 Each	Vac Truck or Skimmer and Storage
1 Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

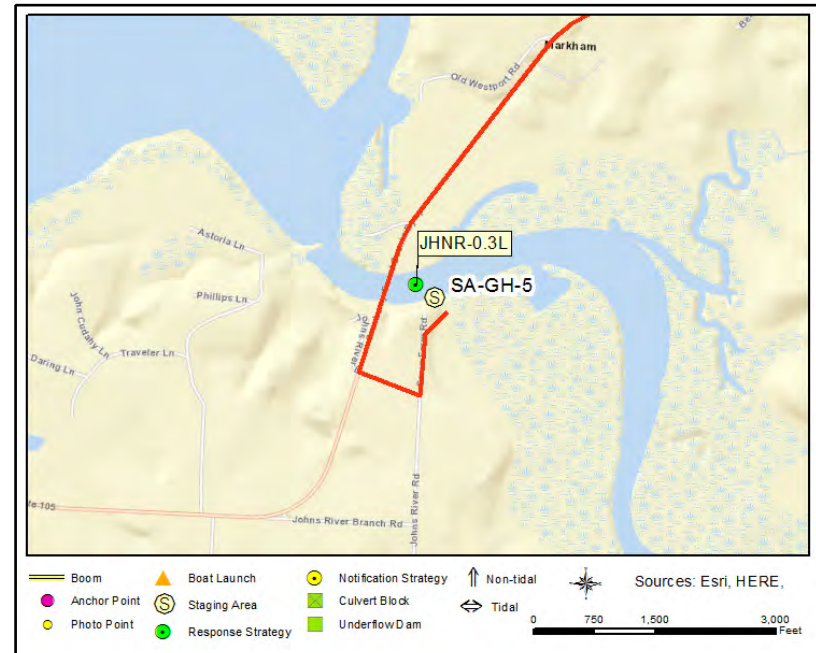
1	Boat Operator
3	Laborer
1	Supervisor

Johns River WDFW Water Access Area

JHNR-0.3L



JHNR-0.3L Photo: From boat ramp, looking northwest/downriver towards Hwy 105 bridge. Photo was taken in early October.



Site Contact

WDFW Coastal - Region 6
 Land/Property Contact :

 Montesano, WA 98563
 360-249-4628

Nearest Address

Game Farm Rd
 Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Turn left on Johns River Rd
7. Turn left on Game Farm Rd
8. Location is at the bottom of the hill

Newkah Creek **NSKC-0.2**

Position - Location: 46° 57.011', -123° 51.097' 46° 57' .6", -123° 51' 5.8" 46.95018, -123.85161 Aberdeen

Strategy Objective: Exclusion : Keep oil out of Newkah Creek.

Implementation: Deploy 100ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Water Hazard

Field Notes: Drive to Bishop Athletic Complex and transport equipment with an off-road vehicle north along walking trails. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Newkah Creek

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 1/2" poly line

Recommended Personnel

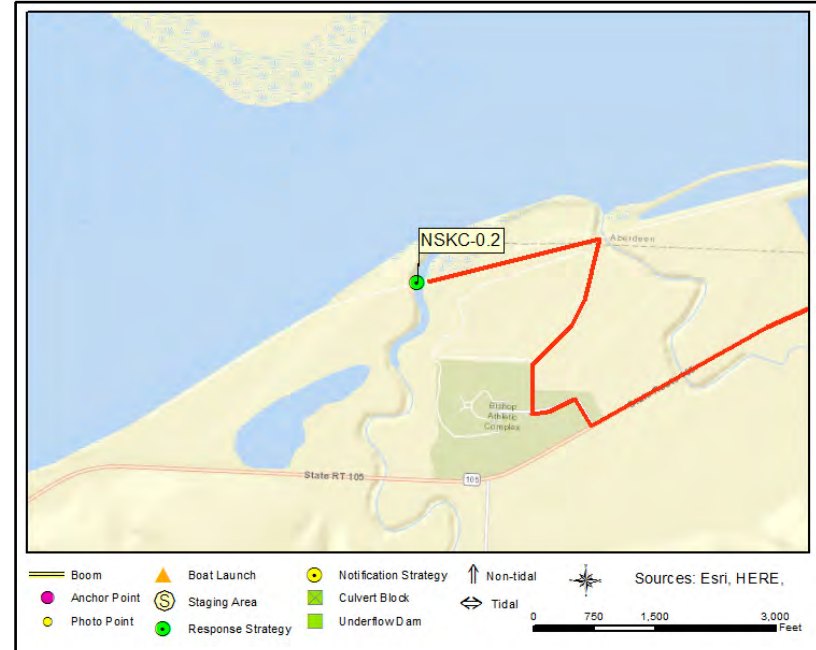
2	Laborer
1	Supervisor

Newskah Creek

NSKC-0.2



NSKC-0.2 Photo: From right bank near old bridge, looking northeast/downstream. Photo was taken in early October.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency
 Management
 360-249-3911

Nearest Address

200 WA-105
 Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Complex is on the right. Walking trails to the north of the parking lot lead to the location.

O'Leary Creek OLRC-0.2

Position - Location: 46° 55.067', -123° 57.490' 46° 55' 4.0", -123° 57' 29.4" 46.91778, -123.95816 Aberdeen

Strategy Objective: Exclusion : Keep oil out of O'Leary Creek.

Implementation: Deploy 300ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

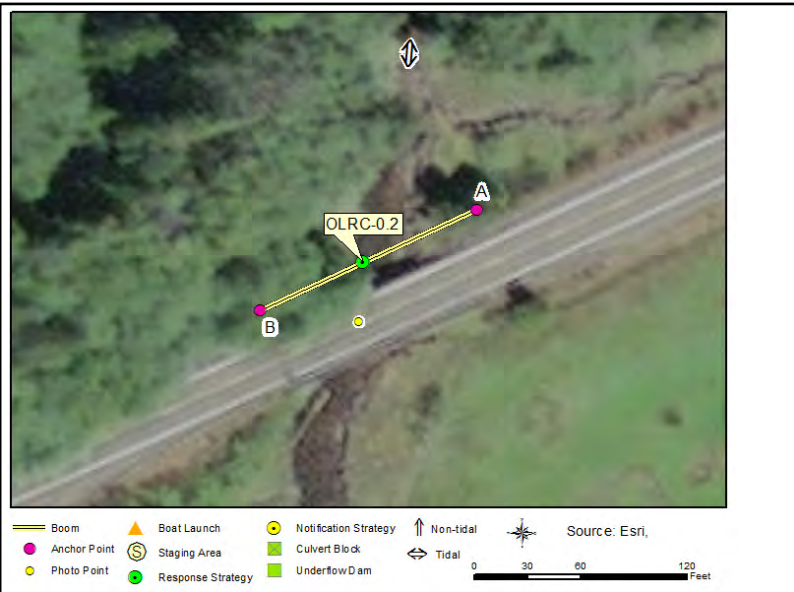
Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: Road shoulder is widest near driveway east of strategy location. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - O'Leary Creek

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2 Each	Anchoring System(s)- Shoreside
300 Feet	Boom - B3 (River Boom) or equivalent
100 Feet	Boom - Sorbent
100 Feet	Line - 1/2" poly line

Recommended Personnel

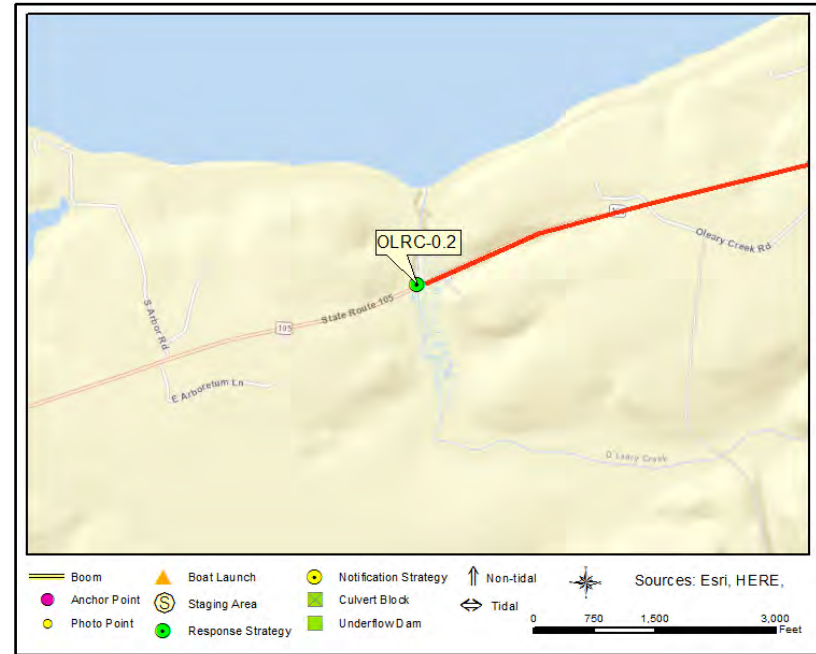
2	Laborer
1	Supervisor

O'Leary Creek

OLRC-0.2



OLRC-0.2 Photo: From middle of WA-105 bridge, looking north/downstream. Photo was taken in August.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

1128 WA-105
Aberdeen, WA 98520

Driving Directions

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Location is on the right

Stafford Creek STFC-0.1

Position - Location: 46° 56.023', -123° 54.506' 46° 56' 1.4", -123° 54' 30.4" 46.93371, -123.90844 Aberdeen

Strategy Objective: Exclusion : Keep oil out of Stafford Creek.

Implementation: Deploy 100ft boom at anchor point A. Secure remainder at anchor point B. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Uneven Surfaces; Vehicle Traffic; Water Hazard

Field Notes: There is a good area for staging equipment on the northwest side of the bridge. Call Grays Harbor County before deployment (360-249-3911).

Watercourse: Creek - Stafford Creek

Resources at Risk: Resident Fish, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
200	Feet	Line - 1/2" poly line

Recommended Personnel

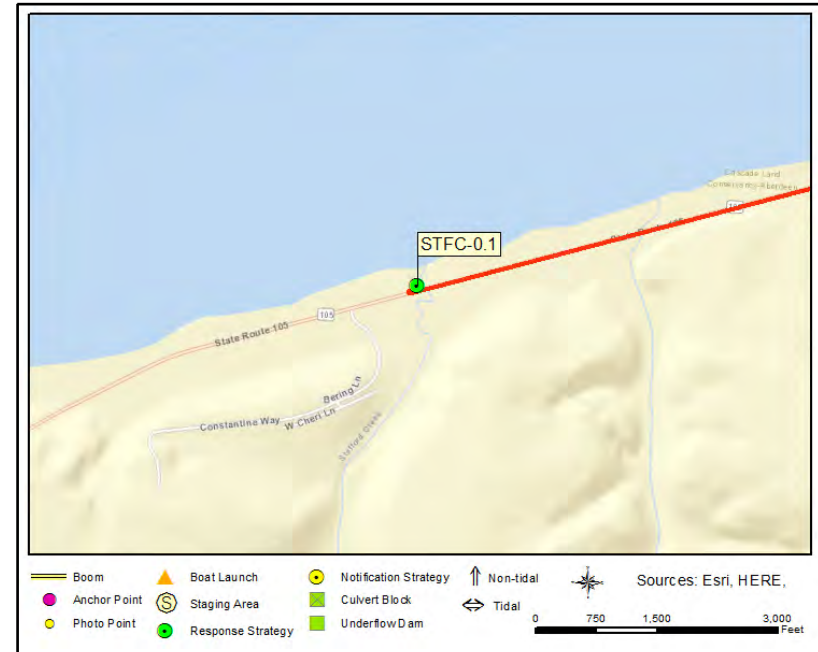
2	Laborer
1	Supervisor

Stafford Creek

STFC-0.1



STFC-0.1 Photo: From the left bank of the creek, looking north towards the harbor. Photo was taken in early October.



Site Contact

Grays Harbor County
Municipality (County/City) : Dept. of Emergency Management

Montesano, WA 98563
360-249-3911

Nearest Address

Hwy 105
Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. The location is on the right at mile post 42.5

Wishkah River Mouth

WSHR-0.0L

Position - Location: 46° 58.476', -123° 48.575' 46° 58' 28.6", -123° 48' 34.5" 46.97460, -123.80959 Hoquiam

Strategy Objective: Exclusion : Keep oil out of Wishkah River.

Implementation: Using workboat, deploy 500ft boom at anchor point A on left bank. Secure remainder at anchor point B across river. Use anchoring systems as needed to keep boom secure. Use anchor posts, existing structures, or trees to secure boom.

Staging Area: Remote: Stage equipment at SA-GH-3 28th Street Boat Launch (2800 John Stevens Way, Hoquiam, WA 98550).

Site Safety: Recreational Boat Traffic; Slips, Trips, Falls; Submerged Hazards; Uneven Surfaces; Water Hazard; Water Line Crossing

Field Notes: It may be possible to collect oil on river left at times (between Best Western and Walmart). Call Grays Harbor County before deployment (360-249-3911).

Watercourse: River - With Tidal Influence - Wishkah River

Resources at Risk: Resident Fish, Salmonids



Recommended Equipment

4 Each	Anchoring System(s) - (anchor, lines, floats)
2 Each	Anchoring System(s)- Shoreside
500 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

Wishkah River Mouth

WSHR-0.0L



WSHR-0.0L Photo: From left bank of river, looking south towards the Chehalis River. Photo was taken in early October.



Site Contact

Grays Harbor County
 Municipality (County/City) : Dept. of Emergency Management
 360-249-3911

Nearest Address

2800 John Stevens Way
 Hoquiam, WA 98550

Driving Directions

TO STAGING AREA/BOAT LAUNCH at 28th Street Landing (SABL-GH-3):

1. Head west on US-12 toward Hill Rd
2. Continue forward on W Wishkah St (US-12)
3. Bear right to stay on W Wishkah St
4. Continue forward on Port Industrial Rd
5. Turn left
6. Bear left on John Stevens Way
7. Location is on the left side of the road

Zelasko Park

WSHR-0.2R



WSHR-0.2R Photo: From the Heron Street Bridge, looking northwest towards anchor point A at the park. Photo was taken in early October.



Site Contact

City of Aberdeen
 Municipality (County/City) : Parks & Recreation

 Aberdeen, WA 98520
 360-537-3229

Nearest Address

2800 John Stevens Way
 Hoquiam, WA 98550

Driving Directions

- TO STAGING AREA/BOAT LAUNCH at 28th Street Landing (SABL-GH-3):
1. Head west on US-12 toward Hill Rd
 2. Continue forward on W Wishkah St (US-12)
 3. Bear right to stay on W Wishkah St
 4. Continue forward on Port Industrial Rd
 5. Turn left
 6. Bear left on John Stevens Way
 7. Location is on the left side of the road

APPENDIX B
Notification Strategy 2-Pagers

This page was intentionally left blank

City of Aberdeen Tidal Gate **CHER-0.1-N**

Position - Location: 46° 58.257', -123° 48.269' 46° 58' 15.4", -123° 48' 16.2" 46.97095, -123.80449 Aberdeen

Strategy Objective: Notification : Notify the City of Aberdeen so they can take action to protect the resources under their control.

Implementation: Call the city at (360) 537-3393 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.

Field Notes: An unnamed intermittent stream is behind the gate.

Watercourse: River - With Tidal Influence - Chehalis

Resources at Risk: Resident Fish, Salmonids



Communication Process and Action:

Call the city at (360) 537-3393 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control. Actions taken by department may include shutting the gate.

City of Aberdeen Tidal Gate

CHER-0.1-N



CHER-0.1-N Photo: From left bank of Chehalis River, looking southwest towards the gate. Photo was taken in October.



Site Contact

City of Aberdeen

Municipality (County/City) : Public Works Department
(Stormwater Division)

Aberdeen, WA 98520
360-537-3393

Nearest Address

217 N Boone St
Aberdeen, WA 98520

Driving Directions

1. Enter Aberdeen from west on Hwy 12 and follow signs for Hwy 101 South towards Westport & Raymond
2. Cross Wishkah River Bridge (first bridge in Aberdeen), stay in left lane, and travel on Hwy12 for 0.2 miles before turning left onto South "H" Street (Hwy 101 South).
3. Travel on Hwy101 South, over the South Aberdeen Bridge, staying in the middle or left lane of bridge.
4. Turn left at first stop light immediately after bridge to stay on Hwy101 South towards Cosmopolis
5. Strategy location is immediately on your left after the turn. Park on your left ~500ft past the location.

City of Cosmopolis Tidal Gate **CHER-2.5-N**

Position - Location: 46° 57.623', -123° 46.538' 46° 57' 37.4", -123° 46' 32.3" 46.96038, -123.77563 Cosmopolis

Strategy Objective: Notification : Notify the City of Cosmopolis so they can take action to protect the resources under their control.

Implementation: Call the city at (360) 533-8765 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.

Field Notes: Tidal gate is located at the confluence of the Chehalis River and Mill Creek.

Watercourse: Creek - Mill Creek

Resources at Risk: Resident Fish, Salmonids, Sensitive Resources



Communication Process and Action:

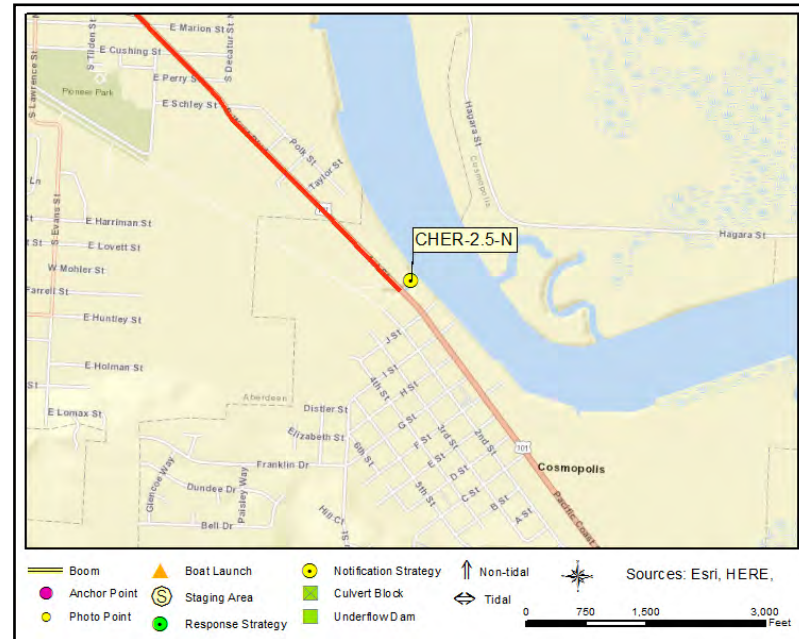
Call the city at (360) 533-8765 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control. Actions taken by department may include shutting the gate.

City of Cosmopolis Tidal Gate

CHER-2.5-N



CHER-2.5-N Photo: From First Street bridge over Mill Creek, looking northeast towards the gate. Photo was taken in October.



Site Contact

City of Cosmopolis - Public Works
 Land/Property Owner :

 Cosmopolis, WA 98537
 (360)5334280

Nearest Address

505 1st Street
 Cosmopolis, WA 98537

Driving Directions

1. Enter Aberdeen from west on Hwy 12 and follow signs for Hwy 101 South towards Westport & Raymond
2. Cross Wishkah River Bridge (first bridge in Aberdeen), stay in left lane, and travel on Hwy 12 for 0.2 miles before turning left onto South "H" Street (Hwy 101 South).
3. Travel on Hwy 101 South, over the South Aberdeen Bridge, staying in the middle or left lane of bridge.
4. Turn left at first stop light immediately after bridge to stay on Hwy 101 South towards Cosmopolis
5. Location is on the left

Westport Aquarium GH-01-N

Position - Location: 46° 54.542', -124° 6.824' 46° 54' 32.5", -124° 6' 49.5" 46.90903, -124.11374 Westport

Strategy Objective: Notification : Notify the aquarium so they can take action to protect the resources under their control.

Implementation: Call the aquarium at (360) 268-7070 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.

Field Notes: There is a nearby equipment cache trailer belonging to the city fire department. Some of that equipment may be deployed upon notification.

Watercourse: Bay - Grays Harbor

Resources at Risk: Water Intakes



Communication Process and Action:

Call the city at (360) 268-7070 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control. Actions taken by the aquarium may include shutting down the water intake.

Westport Aquarium

GH-01-N



GH-01-N Photo: From Harbor St, looking southeast at the front of the aquarium.



Site Contact

Westport Aquarium
Land/Property Owner :

Westport, WA 98595
360-268-7070

Nearest Address

321 E Harbor St
Westport, WA 98595

Driving Directions

1. Head west on WA-105
2. Continue forward on Montesano St S toward Westport
3. At the stop sign, continue forward on WA-105 (Montesano St S)
4. Continue forward on Dock Ave (WA-105)
5. At the stop sign, make a sharp left on Westhaven Dr
6. Turn left on Harbor St
7. Location is on the left

City of Westport Tidal Gate GH-02-N

Position - Location: 46° 53.550', -124° 5.762' 46° 53' 33.0", -124° 5' 45.7" 46.89250, -124.09604 Westport

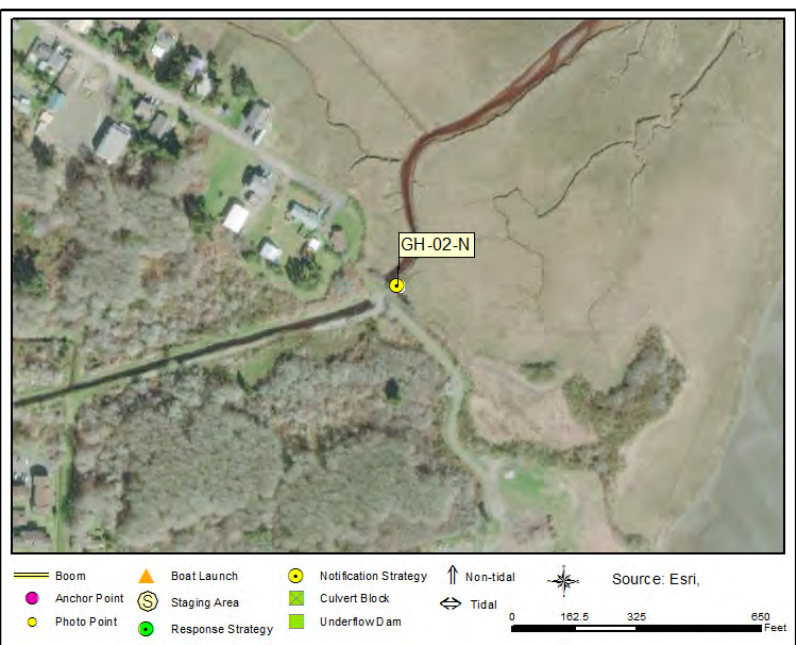
Strategy Objective: Notification : Notify the City of Westport so they can take action to protect the resources under their control.

Implementation: Call the city at (360) 268-9091 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control.

Field Notes: Responders will need the city's help to reach the tidal gate.

Watercourse: Canal - Unnamed Canal

Resources at Risk: Resident Fish, Salmonids



Communication Process and Action:

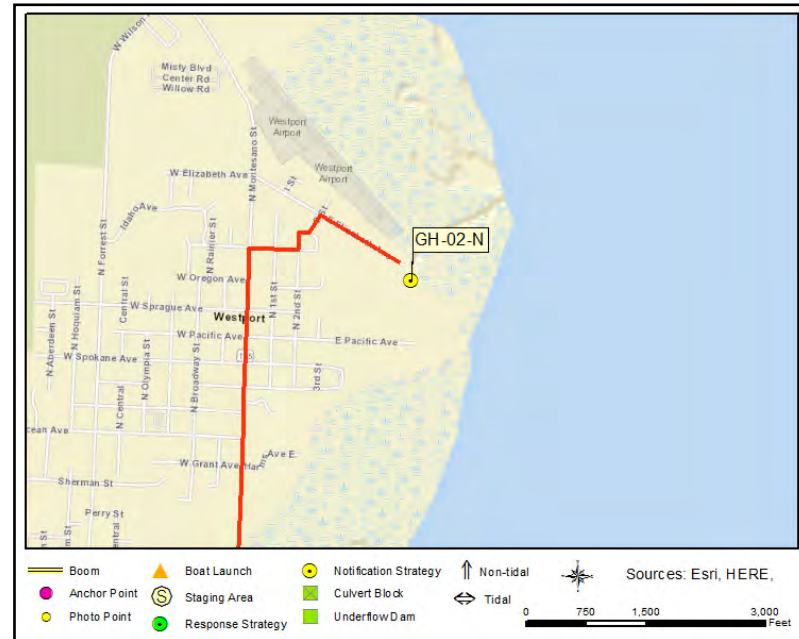
Call the city at (360) 268-9091 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact the infrastructure, so they can take action to protect the resources under their control. Actions taken by department may include shutting the gate.

City of Westport Tidal Gate

GH-02-N



GH-02-N Photo: Looking west towards outer tidal flood gate located. The gate is normally closed at high tide.



Site Contact

City of Westport

Municipality (County/City) : Street/Parks Dept.

Westport, WA 98595

360-268-9091

Nearest Address

819 Elizabeth Avenue E
Westport, WA 98595

Driving Directions

1. Enter Aberdeen and follow signs for Hwy 101 south towards Westport & Raymond
2. Cross Wishkah River Bridge (first bridge in Aberdeen), stay in left lane, and travel on Hwy 12 for 0.2 miles before turning left onto South "H" Street (Hwy 101 South)
3. Travel on Hwy 101 South, over the South Aberdeen Bridge, staying in the right lane to remain on Hwy 105 towards Westport
4. Turn right onto Montesano Street S
5. Turn right onto E Elizabeth Avenue
6. Location is at the end of the road

Brady's Oysters **GH-03-N**

Position - Location: 46° 51.700', -124° 4.409' 46° 51' 42.0", -124° 4' 24.6" 46.86166, -124.07349 Aberdeen

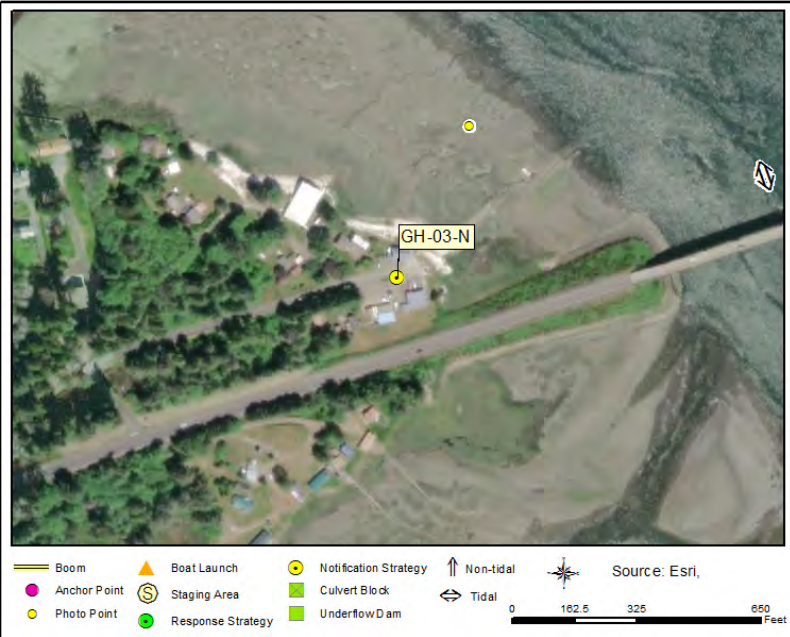
Strategy Objective: Notification : Notify Brady's Oysters so they can take action to protect the resources under their control.

Implementation: Call the owner at (360) 268-0077 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the shellfish operation, so they can take action to protect the resources under their control.

Field Notes: This location is also a staging area/boat launch. A backup phone number is (360) 580-5800.

Watercourse: Bay - Grays Harbor

Resources at Risk: Shellfish, Water Intakes



Communication Process and Action:

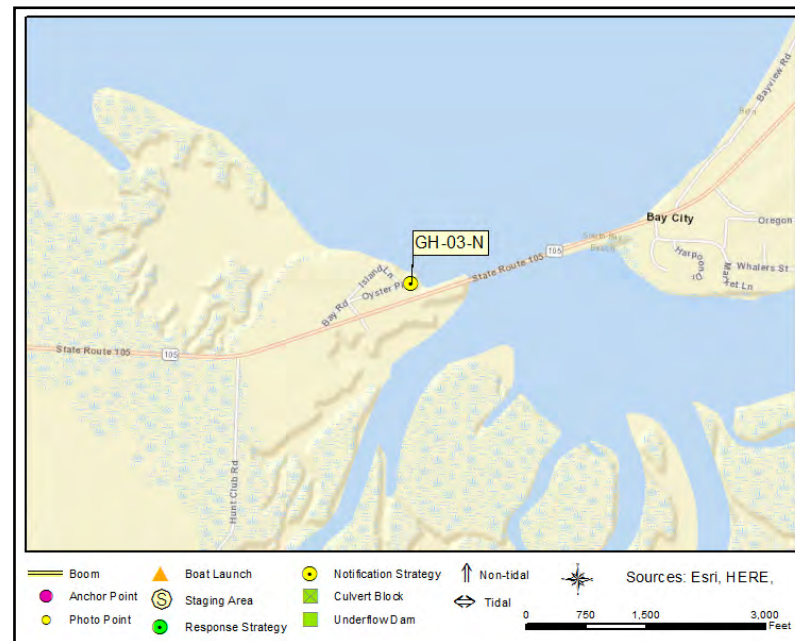
Call the owner at (360) 268-0077 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the shellfish operation, so they can take action to protect the resources under their control. Actions taken by growers might include shutting down the intake pumps and/or closing intake valves.

Brady's Oysters

GH-03-N



GH-03-N Photo: From the mouth of the Elk River, looking southwest towards Brady's Oysters. Photo was taken in October.



Site Contact

Brady's Oysters

Land/Property Owner : Manager

Aberdeen, WA 98520
3602680077

Nearest Address

3714 Oyster Pl
Aberdeen, WA 98250

Driving Directions

1. Head west on WA-8 W (US-101 N)
2. Continue forward on US-12 W
3. At the traffic light, continue forward on US-101 N (E Wishkah St)
4. At the traffic light, make a sharp left on S H St
5. At the traffic light, continue forward on US-101 S
6. At the traffic light, continue forward on WA-105
7. Turn right on Oyster Pl
8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
9. Location is at the end of the road

Lytle Seafoods **GRSC-0.1-N**

Position - Location: 47° .271', -124° .193' 47° 0' 16.3", -124° 0' 11.6" 47.00452, -124.00322 Hoquiam

Strategy Objective: Notification : Notify Lytle Seafoods so they can take action to protect the resources under their control.

Implementation: Call the owner at (360) 538-2654 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the shellfish operation, so they can take action to protect the resources under their control.

Field Notes: This location is also a response strategy. A backup phone number is (360) 580-9043.

Watercourse: Creek - Grass Creek

Resources at Risk: Shellfish, Water Intakes



Communication Process and Action:

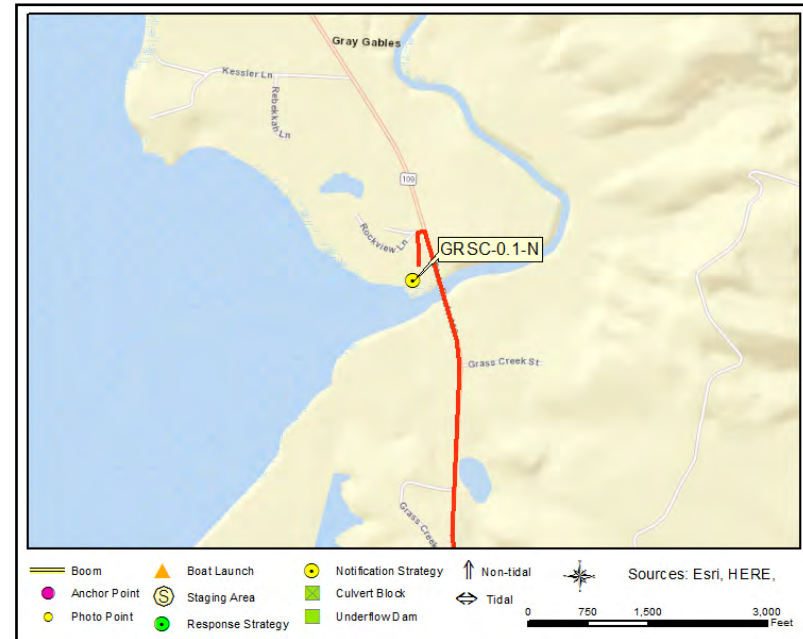
Call the owner at (360) 538-2654 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the shellfish operation, so they can take action to protect the resources under their control. Actions taken by growers might include shutting down the intake pumps and/or closing intake valves.

Lytle Seafoods

GRSC-0.1-N



GRSC-0.1-N Photo: From right bank of creek, looking east towards Lytle Seafoods dock and WA-109 bridge. Photo was taken in October.



Site Contact

Lytle Seafoods
 Land/Property Owner :

 Hoquiam, WA 98550
 360-538-2654

Nearest Address

1 Rock View Ln
 Hoquiam, WA 98550

Driving Directions

1. Head west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
5. At the traffic light, turn left on WA-109 (Emerson Ave)
6. Location is on the left

WDFW Humptulips Hatchery HMPR-22.5-N

Position - Location: 47° 6.515', -124° 2.324' 47° 6' 30.9", -124° 2' 19.5" 47.10859, -124.03874 Humptulips

Strategy Objective: Notification : Notify WDFW so they can take action to protect the resources under their control.

Implementation: Call WDFW at (360) 601-1301 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the hatchery on the Humptulips River, so they can take action to protect the resources under their control.

Field Notes: The actual physical location of the hatchery is approximately nine miles to the north. A spill in Grays Harbor would not impact the facility directly but staff would want to delay the release of salmon into the river until the response is over.

Watercourse: River - Humptulips River

Resources at Risk: Fish Hatchery, Salmonids

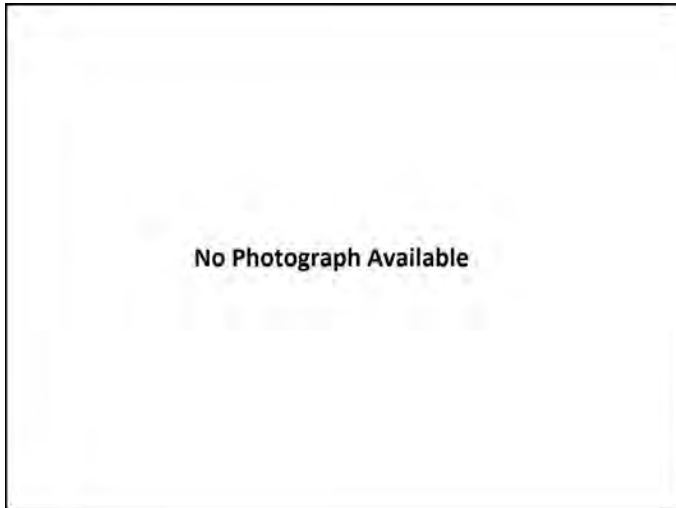


Communication Process and Action:

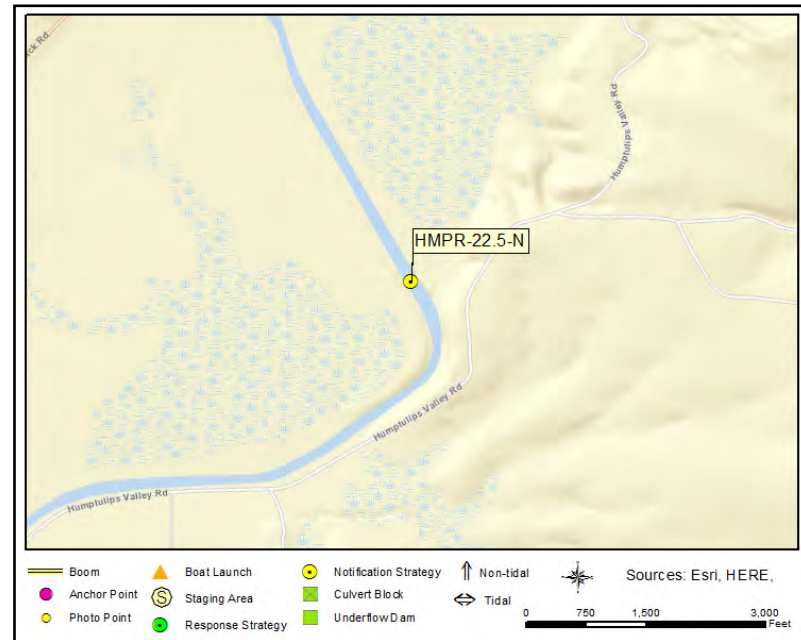
Call WDFW at (360) 601-1301 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the hatchery on the Humptulips River, so they can take action to protect the resources under their control. Actions taken by hatchery staff might include shutting down the intake pumps, closing intake valves, and/or delaying the release of salmon.

WDFW Humptulips Hatchery

HMPR-22.5-N



HMPR-22.5-N Photo: No photograph available.



Site Contact

Washington Dept. of Fish and Wildlife
 Land/Property Contact : Hatchery Division Manager
 360-601-1301

Washington Dept. of Fish and Wildlife
 Land/Property Contact : Assistant Hatchery Division Manager
 360-460-6993

Nearest Address

1704 Kirkpatrick Rd
 Humptulips, WA 98552

Driving Directions

1. In Aberdeen, go southeast on S H St toward US-101 N
2. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
5. Make a sharp left on Kirkpatrick Rd
6. Location is at the end of the road

WDFW Lake Aberdeen Hatchery **LKAB-0.0-N**

Position - Location: 46° 58.810', -123° 44.569' 46° 58' 48.6", -123° 44' 34.2" 46.98016, -123.74282 Aberdeen

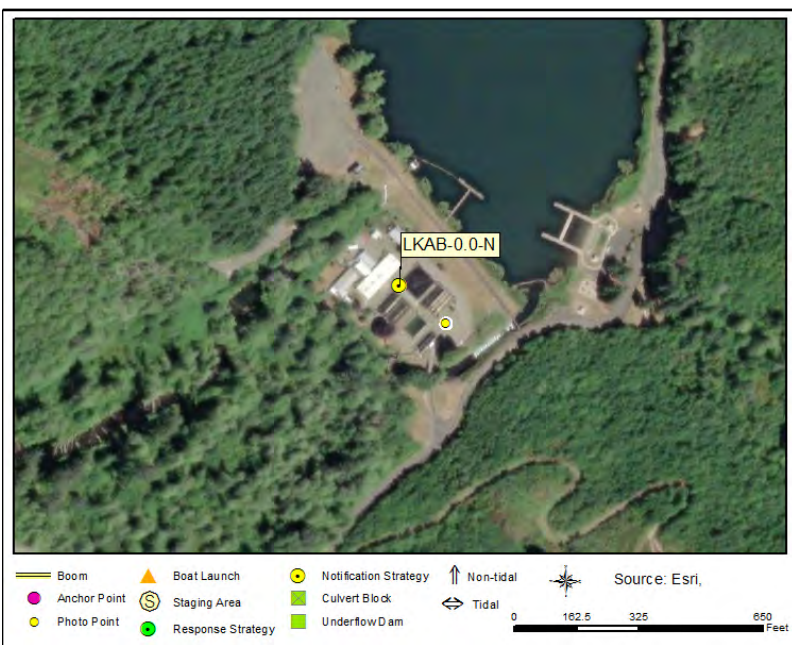
Strategy Objective: Notification : Notify WDFW so they can take action to protect the resources under their control.

Implementation: Call WDFW at (360) 601-1301 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the hatchery on a Chehalis River tributary, so they can take action to protect the resources under their control.

Field Notes: A spill in Grays Harbor would not impact the facility directly but staff would want to delay the release of salmon until the response is over.

Watercourse: Lake - Lake Aberdeen

Resources at Risk: Fish Hatchery, Salmonids



Communication Process and Action:

Call WDFW at (360) 601-1301 and notify them of any significant oil spill, or potential spill, that impacts, or threatens to impact, the hatchery on a Chehalis River tributary, so they can take action to protect the resources under their control. Actions taken by hatchery staff might include shutting down the intake pumps, closing intake valves, and/or delaying the release of salmon.

WDFW Lake Aberdeen Hatchery

LKAB-0.0-N



LKAB-0.0-N Photo: Looking SW from Lake Aberdeen toward WDFW Fish Hatchery.



Site Contact

Washington Dept. of Fish and Wildlife
 Land/Property Contact : Hatchery Division Manager
 360-601-1301

Washington Dept. of Fish and Wildlife
 Land/Property Contact : Assistant Hatchery Division Manager
 360-460-6993

Nearest Address

4203 Lake Aberdeen Rd
 Aberdeen, WA 98520

Driving Directions

1. Travel on Hwy 12 towards Aberdeen/Hoquiam
2. Take a right and exit Hwy 12 (Exit is about ~1.5 miles down the road from the 7-11 store)
3. Take a left at the stop sign onto Aberdeen Lake Rd/Central Park Drive
4. After 0.2 miles, turn right onto Aberdeen Lake Road
5. After 0.2 miles, turn left (slight left) across bridge over Van Winkle Creek and into parking area for the WDFW Lake Aberdeen Hatchery.

APPENDIX C
Staging Area 2-Pagers

This page was intentionally left blank

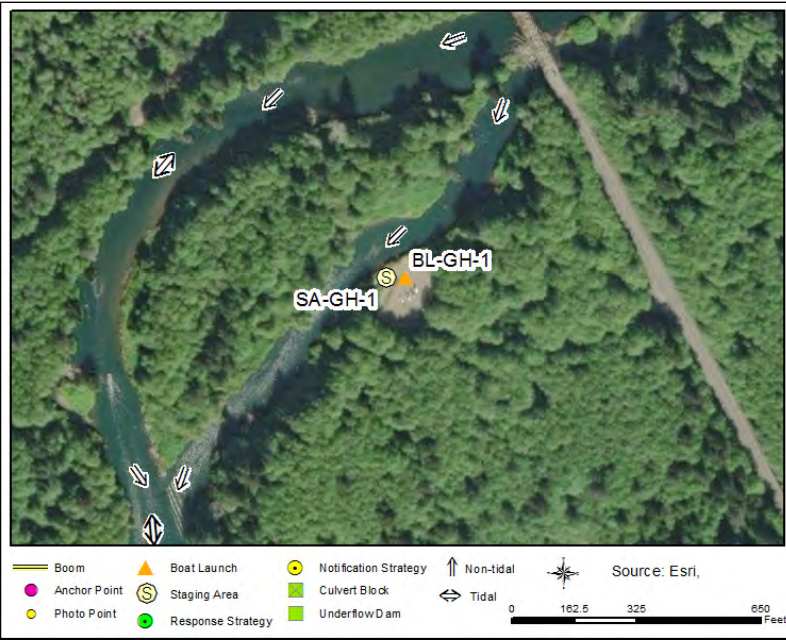
Morley WDFW Water Access Area

SA-GH-1

Staging Area

Position - Location: 47° 2.963', -124° 2.649' 47° 2' 57.8", -124° 2' 38.9" 47.04939, -124.04415 Hoquiam

Comments: Public staging area and boat launch on the left bank of the Humptulips River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.



GRP Response Strategies Served:

HMPR-0.8R, GILS-0.0, HMPR-0.9R, HMPR-0.9L, HMPR-0.0

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Plank	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Gravel	24000 SqFt
Fuel	No	
Lot Cover (Primary)	Dirt/Gravel	100%
Parking - Car	Not Marked	10
Parking - Trailer	Not Marked	8
Power	No	
Restroom	Restroom - Vault	1
User Fee	Yes	Discover Pass
Waste Disposal	None	
Water (potable)	No	

Morley WDFW Water Access Area

SA-GH-1



SA-GH-1 Photo: From the top of the boat ramp, looking southwest/downriver on the Humptulips River. Photo was taken in early October.



Site Contact

WDFW Coastal - Region 6
Land/Property Contact :

Montesano, WA 98563
360-249-4628

Nearest Address

1300 WA-109
Hoquiam, WA 98550

Driving Directions

1. Head west on Hwy 8 then 12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Turn right on Powell Rd
8. Location is on the left before crossing the bridge

Levee Street Boat Launch

SA-GH-2

Staging Area

Position - Location: 46° 58.632', -123° 52.896' 46° 58' 37.9", -123° 52' 53.8" 46.97720, -123.88160 Hoquiam

Comments: Staging area and boat launch on the right bank of the Hoquiam River. Notify the City of Hoquiam before staging equipment (360-532-0892). A collection strategy is at the same location.



GRP Response Strategies Served:

GH-2, GH-4, GH-3, HOQR-0.6R

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	Yes	2 Shelters
Estimated Lot Size	Other	Street
Fuel	No	
Lot Cover (Primary)	Asphalt	100 %
Parking - Car	Other	10 Street
Parking - Trailer	Other	3 Street
Power	No	
Restroom	None	
User Fee	Yes	\$5/day
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Levee Street Boat Launch

SA-GH-2



SA-GH-2 Photo: From the top of the boat ramp, looking east across the Hoquiam River. Harbor is to the right. Photo was taken in early October.



Site Contact

City of Hoquiam

Municipality (County/City) : Police Dept.

Hoquiam, WA 98550
360-532-0892

Nearest Address

813 Levee St
Hoquiam, WA 98550

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Bear left on 6th St
5. At the traffic light, make a sharp left on Simpson Ave (US-101 S)
6. Turn left on 9th St
7. Location is at the end of the road

28th Street Landing

SA-GH-3

Staging Area

Position - Location: 46° 58.058', -123° 51.608' 46° 58' 3.5", -123° 51' 36.5" 46.96763, -123.86013 Hoquiam

Comments: Public staging area and boat launch managed by the Port of Grays Harbor. Notify port staff before staging equipment (360-533-9528).



GRP Response Strategies Served:

WSHR-0.2R, GH-6, GH-5, WSHR-0.0L, CHER-0.2R

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Plank	2
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Marked	16000 SqFt
Fuel	No	
Lot Cover (Primary)	Asphalt	100 %
Parking - Car	Marked	10
Parking - Trailer	Marked	4
Power	No	
Restroom	Restroom - Vault	1
User Fee	No	
Waste Disposal	Trash Receptacle	4
Water (potable)	No	

28th Street Landing

SA-GH-3



SA-GH-3 Photo: From the top of the boat ramp, looking southwest with Rennie Island in the distance. Photo was taken in early October.



Site Contact

Port of Grays Harbor
 Land/Property Contact : Main Office
 360-533-9528

Nearest Address

2800 John Stevens Way
 Hoquiam, WA 98550

Driving Directions

1. Head west on US-12 toward Hill Rd
2. Continue forward on W Wishkah St (US-12)
3. Bear right to stay on W Wishkah St
4. Continue forward on Port Industrial Rd
5. Turn left
6. Bear left on John Stevens Way
7. Location is on the left side of the road

F Street Boat Launch **SA-GH-4**

Staging Area

Position - Location: 46° 57.453', -123° 46.275' 46° 57' 27.2", -123° 46' 16.5" 46.95755, -123.77125 Cosmopolis

Comments: Public staging area and boat launch managed by Cosmo Specialty Fibers. Notify facility staff before staging equipment (360-500-4600).



GRP Response Strategies Served:

CHER-4.2R, CHER-2.7L, CHER-1.7R, CHER-2.8L, CHER-4.4R, CHER-1.3R, CHER-5.2L, CHER-0.7R, CHER-3.0R, CHER-2.2L, CHER-1.8R, CHER-1.4R, CHER-3.5L, CHER-2.6R, CHER-4.5R, CHER-4.7R

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Gravel	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Gravel	45000 SqFt
Fuel	No	
Lot Cover (Primary)	Gravel	100 %
Parking - Car	Not Marked	20
Parking - Trailer	Not Marked	10
Power	No	
Restroom	Restroom - Portable	1
User Fee	No	
Waste Disposal	None	
Water (potable)	No	

F Street Boat Launch

SA-GH-4



SA-GH-4 Photo: From the top of the boat ramp on the left bank of the Chehalis River, looking north/downriver. Photo was taken in early October.



Site Contact

Cosmo Specialty Fibers
 Land/Property Owner :
 1101 1st Street
 Cosmopolis, WA 98537
 360-500-4600

Nearest Address

F St
 Cosmopolis, WA 98537

Driving Directions

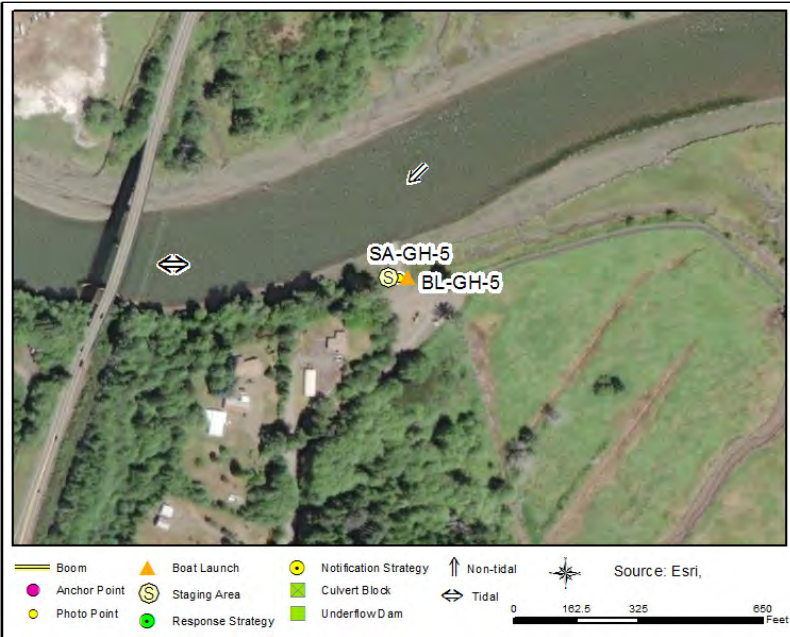
1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

Johns River WDFW Water Access Area SA-GH-5

Staging Area

Position - Location: 46° 53.984', -123° 59.775' 46° 53' 59.0", -123° 59' 46.5" 46.89973, -123.99625 Aberdeen

Comments: Public staging area and boat launch on the left bank of the Johns River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.



GRP Response Strategies Served:

JHNR-0.3L

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Plank	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Gravel	22000 SqFt
Fuel	No	
Lot Cover (Primary)	Gravel	100 %
Parking - Car	Not Marked	8
Parking - Trailer	Not Marked	4
Power	No	
Restroom	Restroom - Vault	1
User Fee	Yes	Discover Pass
Waste Disposal	None	
Water (potable)	No	

Johns River WDFW Water Access Area

SA-GH-5



SA-GH-5 Photo: From the top of the boat ramp, looking north on the Johns River. Photo was taken in early October.



Site Contact

WDFW Coastal - Region 6
 Land/Property Contact :
 360-249-4628

Nearest Address

Game Farm Rd
 Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Turn left on Johns River Rd
7. Turn left on Game Farm Rd
8. Location is at the bottom of the hill

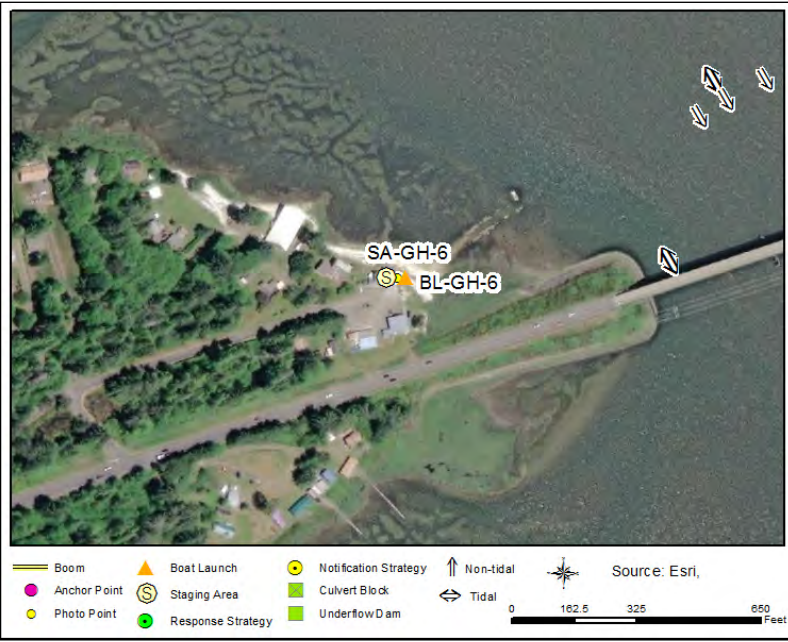
Brady's Oysters

SA-GH-6

Staging Area

Position - Location: 46° 51.710', -124° 4.397' 46° 51' 42.6", -124° 4' 23.8" 46.86184, -124.07329 Aberdeen

Comments: Staging area and boat launch primarily used by shellfish growers. Notify company before staging equipment (360-268-0077). An alternate location is the Westport Marina (SABL-GH-7).



GRP Response Strategies Served:

GH-10, GH-9, GH-11, GH-12, GH-8

Location Information

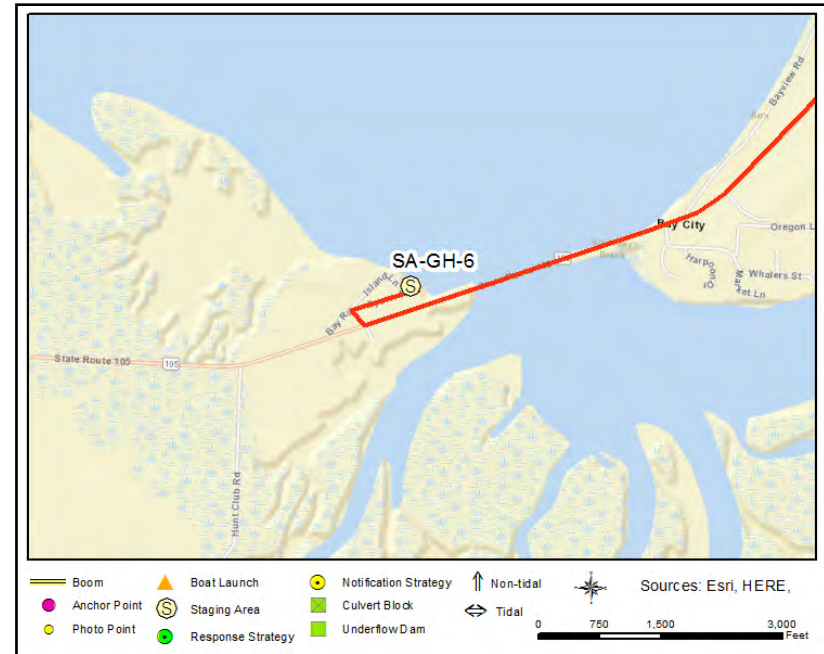
Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Gravel	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	Yes	
Estimated Lot Size	Square Feet	12000 SqFt
Fuel	No	
Lot Cover (Primary)	Dirt/Gravel	
Parking - Car	Gravel	8
Parking - Trailer	Gravel	4
Power	Yes	
Restroom	Restroom - Portable	1
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	Yes	

Brady's Oysters

SA-GH-6



SA-GH-6 Photo: From the top of the boat ramp, looking northeast across the mouth of the Elk River. Photo was taken in early October.



Site Contact

Brady's Oysters
 Land/Property Owner : Manager

 Aberdeen, WA 98520
 3602680077

Nearest Address

3714 Oyster Pl
 Aberdeen, WA 98520

Driving Directions

1. Head west on WA-8 W (US-101 N)
2. Continue forward on US-12 W
3. At the traffic light, continue forward on US-101 N (E Wishkah St)
4. At the traffic light, make a sharp left on S H St
5. At the traffic light, continue forward on US-101 S
6. At the traffic light, continue forward on WA-105
7. Turn right on Oyster Pl
8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
9. Location is at the end of the road

Westport Marina **SA-GH-7**

Staging Area

Position - Location: 46° 54.244', -124° 6.367' 46° 54' 14.7", -124° 6' 22.0" 46.90407, -124.10612 Westport

Comments: Public staging area and boat launch managed by the Port of Grays Harbor. Notify marina staff before staging equipment (360-533-9562). USCG Station Grays Harbor is next door. An alternate location is Brady's Oysters (SABL-GH-5).



GRP Response Strategies Served:

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Marked	90000 SqFt
Fuel	Yes	PetroCard station nearby
Lot Cover (Primary)	Asphalt	100 %
Parking - Car	Marked	40
Parking - Trailer	Marked	40
Power	No	
Restroom	Restroom - Flush	
User Fee	Yes	\$10-15/day
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Westport Marina

SA-GH-7



SA-GH-7 Photo: From the top of the boat ramp, looking northeast/towards the marina. Photo was taken in early October.



Site Contact

Port of Grays Harbor
 Land/Property Contact : Westport Marina
 111 S. Wooding Street
 Westport, WA 98595
 360-533-9562

Nearest Address

1900 Nyhus Street N
 Westport, WA 98595

Driving Directions

1. Go west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Continue forward on Montesano St S toward Westport
7. Turn right on Wilson Ave
8. Location is at the end of the street

APPENDIX D
Boat Launch 2-Pagers

This page was intentionally left blank

Morley WDFW Water Access Area **BL-GH-1**

Boat Launch Location

Position - Location: 47° 2.963', -124° 2.649' 47° 2' 57.8", -124° 2' 38.9" 47.04939, -124.04415 Hoquiam

Comments: Public staging area and boat launch on the left bank of the Humptulips River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Plank	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Gravel	24000 SqFt
Fuel	No	
Lot Cover (Primary)	Dirt/Gravel	100%
Parking - Car	Not Marked	10
Parking - Trailer	Not Marked	8
Power	No	
Restroom	Restroom - Vault	1
User Fee	Yes	Discover Pass
Waste Disposal	None	
Water (potable)	No	

GRP Response Strategies Served:

HMPR-0.8R, GILS-0.0, HMPR-0.9R, HMPR-0.9L, HMPR-0.0

Morley WDFW Water Access Area

BL-GH-1



SA-GH-1 Photo: From the top of the boat ramp, looking southwest/downriver on the Humptulips River. Photo was taken in early October.



Site Contact

WDFW Coastal - Region 6

Land/Property Contact :

Montesano, WA 98563
360-249-4628

Nearest Address

1300 WA-109
Hoquiam, WA 98550

Driving Directions

1. Head west on Hwy 8 then 12
2. Go southeast on S H St toward US-101 N
3. At the traffic light, make a sharp right on US-101 N (E Wishkah St)
4. At the traffic light, turn right on US-101 N (S Alder St)
5. Turn right at 6th St / Levee St to stay on US-101 N (Levee St) toward Ocean Shores (WA-109 N) / Taholah / Forks / Port Angeles
6. At the traffic light, turn left on WA-109 (Emerson Ave)
7. Turn right on Powell Rd
8. Location is on the left before crossing the bridge

Levee Street Boat Launch

BL-GH-2

Boat Launch Location

Position - Location: 46° 58.632', -123° 52.896' 46° 58' 37.9", -123° 52' 53.8" 46.97720, -123.88160 Hoquiam

Comments: Staging area and boat launch on the right bank of the Hoquiam River. Notify the City of Hoquiam before staging equipment (360-532-0892). A collection strategy is at the same location.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	Yes	2 Shelters
Estimated Lot Size	Other	Street
Fuel	No	
Lot Cover (Primary)	Asphalt	100 %
Parking - Car	Other	10 Street
Parking - Trailer	Other	3 Street
Power	No	
Restroom	None	
User Fee	Yes	\$5/day
Waste Disposal	Trash Receptacle	
Water (potable)	No	

GRP Response Strategies Served:

GH-2, GH-4, GH-3, HOQR-0.6R

Levee Street Boat Launch

BL-GH-2



SA-GH-2 Photo: From the top of the boat ramp, looking east across the Hoquiam River. Harbor is to the right. Photo was taken in early October.



Site Contact

City of Hoquiam

Municipality (County/City) : Police Dept.

Hoquiam, WA 98550
360-532-0892

Nearest Address

813 Levee St
Hoquiam, WA 98550

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, turn right on US-101 N (S Alder St)
4. Bear left on 6th St
5. At the traffic light, make a sharp left on Simpson Ave (US-101 S)
6. Turn left on 9th St
7. Location is at the end of the road

28th Street Landing

BL-GH-3

Boat Launch Location

Position - Location: 46° 58.058', -123° 51.608' 46° 58' 3.5", -123° 51' 36.5" 46.96763, -123.86013 Hoquiam

Comments: Public staging area and boat launch managed by the Port of Grays Harbor. Notify port staff before staging equipment (360-533-9528).



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Plank	2
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Marked	16000 SqFt
Fuel	No	
Lot Cover (Primary)	Asphalt	100 %
Parking - Car	Marked	10
Parking - Trailer	Marked	4
Power	No	
Restroom	Restroom - Vault	1
User Fee	No	
Waste Disposal	Trash Receptacle	4
Water (potable)	No	

GRP Response Strategies Served:

WSHR-0.2R, GH-6, GH-5, WSHR-0.0L, CHER-0.2R

28th Street Landing

BL-GH-3



SA-GH-3 Photo: From the top of the boat ramp, looking southwest with Rennie Island in the distance. Photo was taken in early October.

Site Contact

Port of Grays Harbor
 Land/Property Contact : Main Office
 360-533-9528

Nearest Address

2800 John Stevens Way
 Hoquiam, WA 98550



Driving Directions

1. Head west on US-12 toward Hill Rd
2. Continue forward on W Wishkah St (US-12)
3. Bear right to stay on W Wishkah St
4. Continue forward on Port Industrial Rd
5. Turn left
6. Bear left on John Stevens Way
7. Location is on the left side of the road

F Street Boat Launch

BL-GH-4

Boat Launch Location

Position - Location: 46° 57.453', -123° 46.275' 46° 57' 27.2", -123° 46' 16.5" 46.95755, -123.77125 Cosmopolis

Comments: Public staging area and boat launch managed by Cosmo Specialty Fibers. Notify facility staff before staging equipment (360-500-4600).



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Gravel	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Gravel	45000 SqFt
Fuel	No	
Lot Cover (Primary)	Gravel	100 %
Parking - Car	Not Marked	20
Parking - Trailer	Not Marked	10
Power	No	
Restroom	Restroom - Portable	1
User Fee	No	
Waste Disposal	None	
Water (potable)	No	

GRP Response Strategies Served:

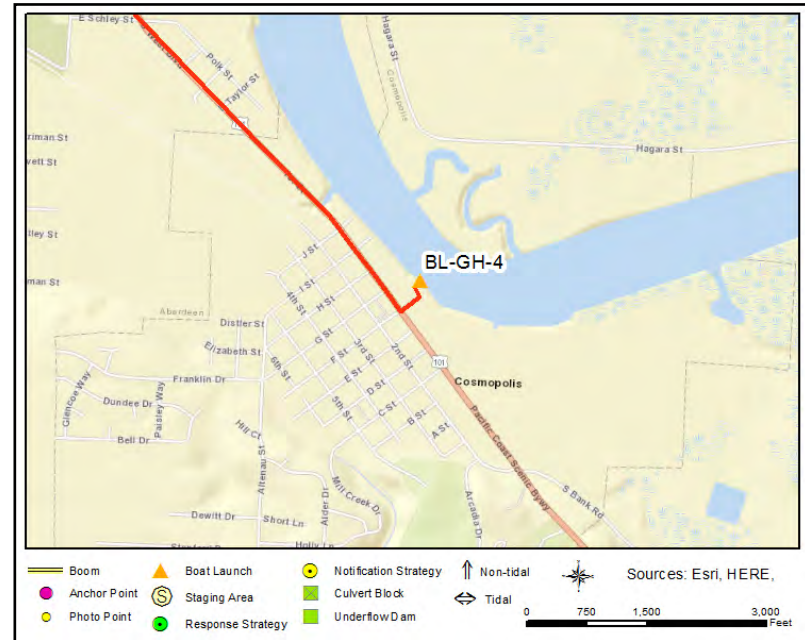
CHER-4.2R, CHER-2.7L, CHER-1.7R, CHER-2.8L, CHER-4.4R, CHER-1.3R, CHER-5.2L, CHER-0.7R, CHER-3.0R, CHER-2.2L, CHER-1.8R, CHER-1.4R, CHER-3.5L, CHER-2.6R, CHER-4.5R, CHER-4.7R, CHER-1.9L

F Street Boat Launch

BL-GH-4



SA-GH-4 Photo: From the top of the boat ramp on the left bank of the Chehalis River, looking north/downriver. Photo was taken in early October.



Site Contact

Cosmo Specialty Fibers
 Land/Property Owner :
 1101 1st Street
 Cosmopolis, WA 98537
 360-500-4600

Nearest Address

F St
 Cosmopolis, WA 98537

Driving Directions

1. Head west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. Turn left on F St
8. Location is at the end of the road

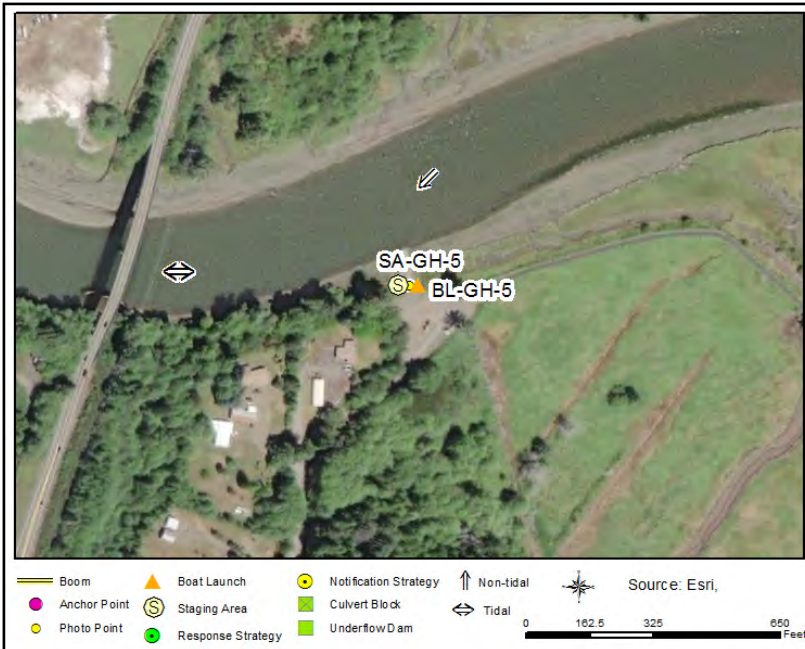
Johns River WDFW Water Access Area

BL-GH-5

Boat Launch Location

Position - Location: 46° 53.984', -123° 59.775' 46° 53' 59.0", -123° 59' 46.5" 46.89973, -123.99625 Aberdeen

Comments: Public staging area and boat launch on the left bank of the Johns River. Notify WDFW before staging equipment (360-249-4628). A collection strategy is at the same location.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Plank	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Gravel	22000 SqFt
Fuel	No	
Lot Cover (Primary)	Gravel	100 %
Parking - Car	Not Marked	8
Parking - Trailer	Not Marked	4
Power	No	
Restroom	Restroom - Vault	1
User Fee	Yes	Discover Pass
Waste Disposal	None	
Water (potable)	No	

GRP Response Strategies Served:

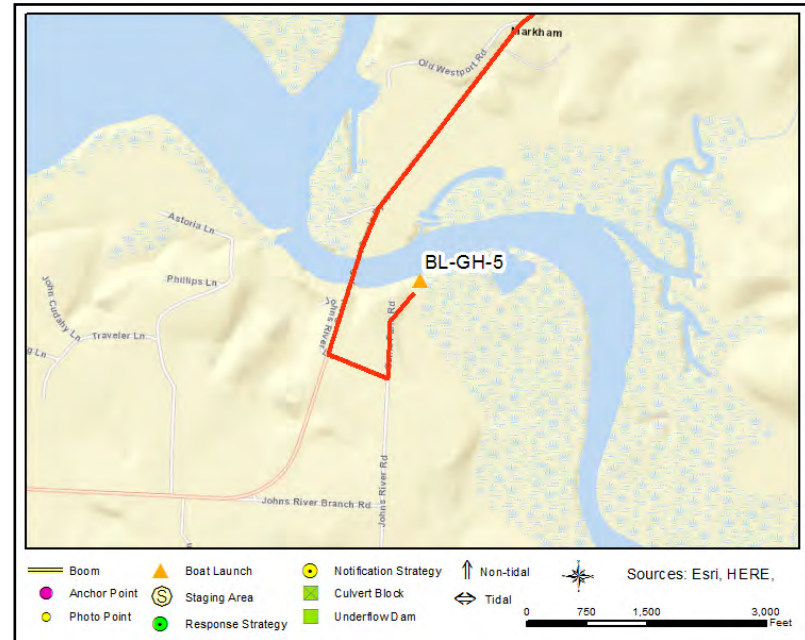
JHNR-0.3L

Johns River WDFW Water Access Area

BL-GH-5



SA-GH-5 Photo: From the top of the boat ramp, looking north on the Johns River. Photo was taken in early October.



Site Contact

WDFW Coastal - Region 6
 Land/Property Contact :
 360-249-4628

Nearest Address

Game Farm Rd
 Aberdeen, WA 98520

Driving Directions

1. Go west on US-12 toward Hill Rd
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Turn left on Johns River Rd
7. Turn left on Game Farm Rd
8. Location is at the bottom of the hill

Brady's Oysters **BL-GH-6**

Boat Launch Location

Position - Location: 46° 51.710', -124° 4.397' 46° 51' 42.6", -124° 4' 23.8" 46.86184, -124.07329 Aberdeen

Comments: Staging area and boat launch primarily used by shellfish growers. Notify company before staging equipment (360-268-0077). An alternate location is the Westport Marina (SABL-GH-7).



Location Information

<u>Asset</u>	<u>Type/Status</u>	<u>Amount/Number</u>
Boat Dock(s)	No	
Boat Ramp(s)	Gravel	1
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	Yes	
Estimated Lot Size	Square Feet	12000 SqFt
Fuel	No	
Lot Cover (Primary)	Dirt/Gravel	
Parking - Car	Gravel	8
Parking - Trailer	Gravel	4
Power	Yes	
Restroom	Restroom - Portable	1
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	Yes	

GRP Response Strategies Served:

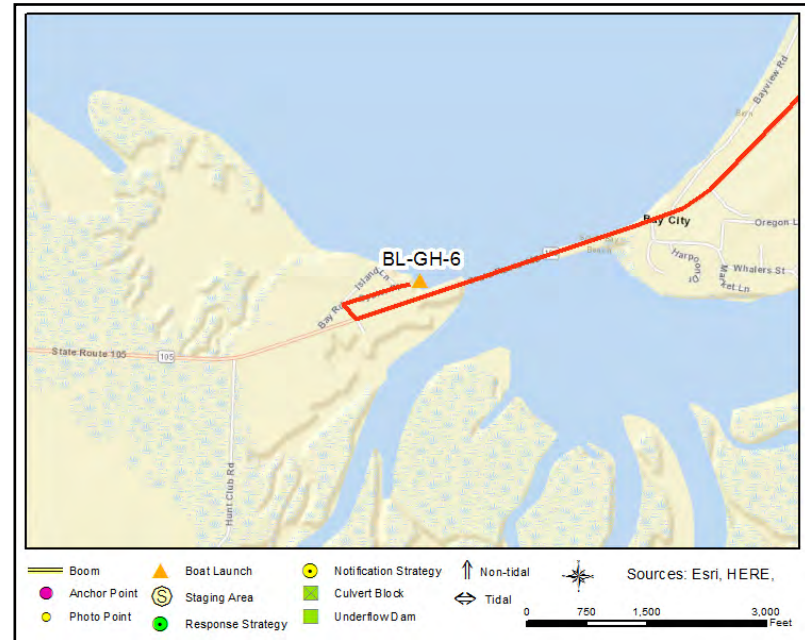
GH-10, GH-9, GH-11, GH-12, GH-8

Brady's Oysters

BL-GH-6



SA-GH-6 Photo: From the top of the boat ramp, looking northeast across the mouth of the Elk River. Photo was taken in early October.



Site Contact

Brady's Oysters
 Land/Property Owner : Manager

 Aberdeen, WA 98520
 3602680077

Nearest Address

3714 Oyster Pl
 Aberdeen, WA 98520

Driving Directions

1. Head west on WA-8 W (US-101 N)
2. Continue forward on US-12 W
3. At the traffic light, continue forward on US-101 N (E Wishkah St)
4. At the traffic light, make a sharp left on S H St
5. At the traffic light, continue forward on US-101 S
6. At the traffic light, continue forward on WA-105
7. Turn right on Oyster Pl
8. Make a sharp right at Bay Rd / Island Ln to stay on Oyster Pl
9. Location is at the end of the road

Westport Marina **BL-GH-7**

Boat Launch Location

Position - Location: 46° 54.244', -124° 6.367' 46° 54' 14.7", -124° 6' 22.0" 46.90407, -124.10612 Westport

Comments: Public staging area and boat launch managed by the Port of Grays Harbor. Notify marina staff before staging equipment (360-533-9562). USCG Station Grays Harbor is next door. An alternate location is Brady's Oysters (SABL-GH-5).



Location Information

<u>Asset</u>	<u>Type/Status</u>	<u>Amount/Number</u>
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G LTE
Covered Spaces	No	
Estimated Lot Size	Marked	90000 SqFt
Fuel	Yes	PetroCard station nearby
Lot Cover (Primary)	Asphalt	100 %
Parking - Car	Marked	40
Parking - Trailer	Marked	40
Power	No	
Restroom	Restroom - Flush	
User Fee	Yes	\$10-15/day
Waste Disposal	Trash Receptacle	
Water (potable)	No	

GRP Response Strategies Served:

Westport Marina

BL-GH-7



SA-GH-7 Photo: From the top of the boat ramp, looking northeast/towards the marina. Photo was taken in early October.



Site Contact

Port of Grays Harbor

Land/Property Contact : Westport Marina
 111 S. Wooding Street
 Westport, WA 98595
 360-533-9562

Nearest Address

1900 Nyhus Street N
 Westport, WA 98595

Driving Directions

1. Go west on US-12
2. At the traffic light, continue forward on US-101 N (E Wishkah St)
3. At the traffic light, make a sharp left on S H St
4. At the traffic light, continue forward on US-101 S
5. At the traffic light, continue forward on WA-105
6. Continue forward on Montesano St S toward Westport
7. Turn right on Wilson Ave
8. Location is at the end of the street