STRAIT OF JUAN DE FUCA

Geographic Response Plan

(STR-GRP)

Response Strategies and Priorities

July 2024

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 (NWRCP Section 9420). The Northwest Regional Contingency Plan (NWRCP) 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.

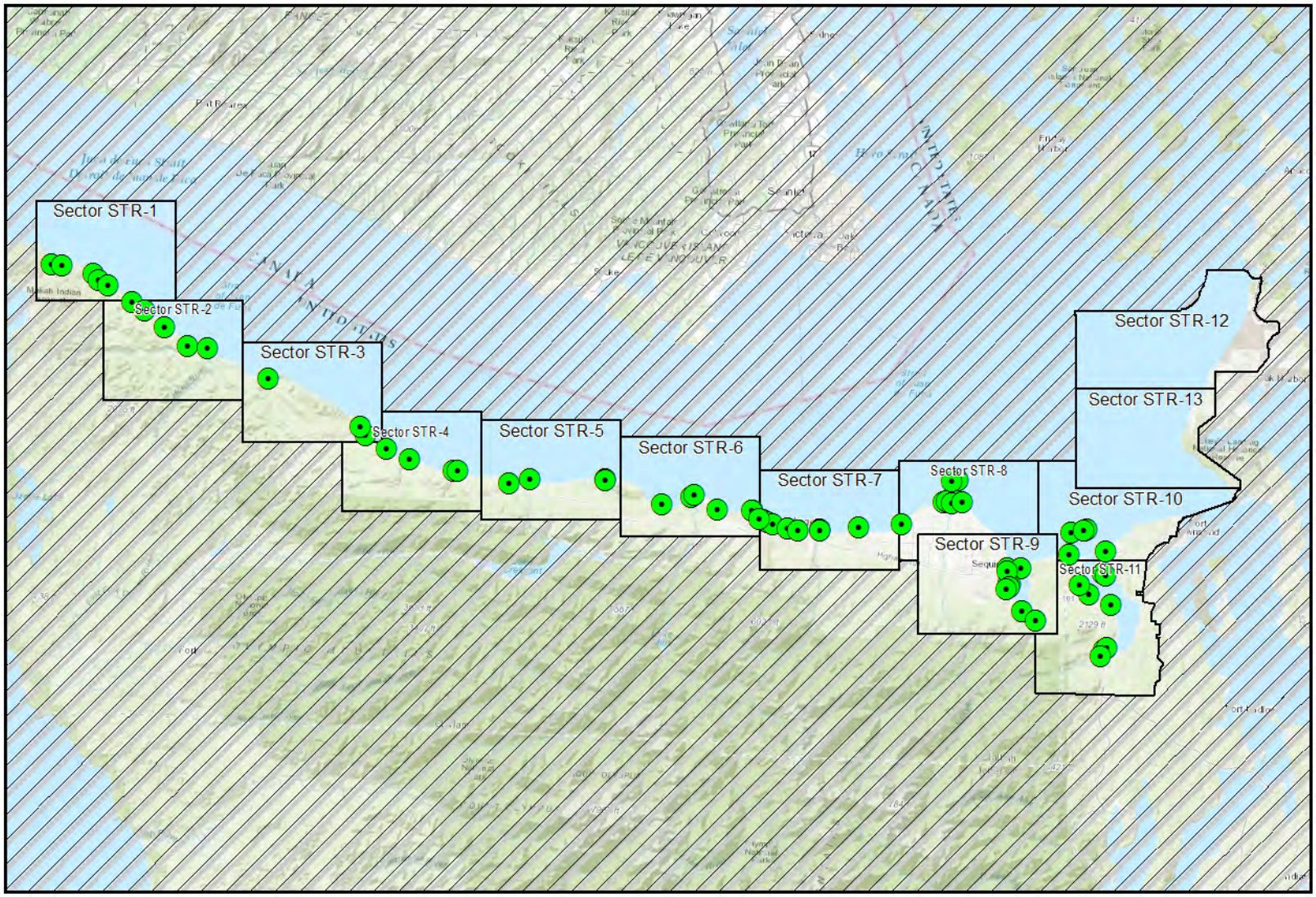
On-site Considerations

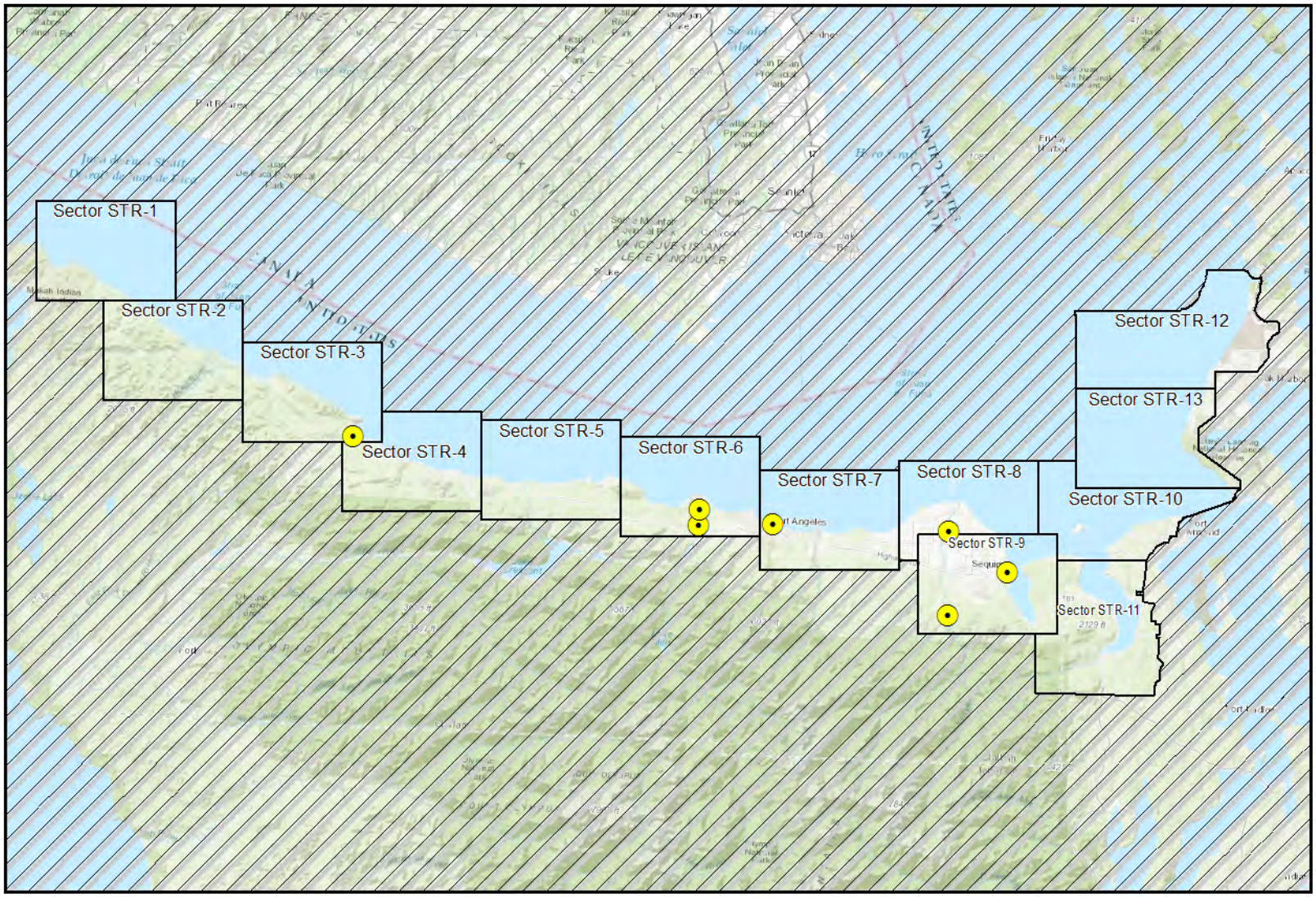
Before Deploying a GRP Strategy

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.

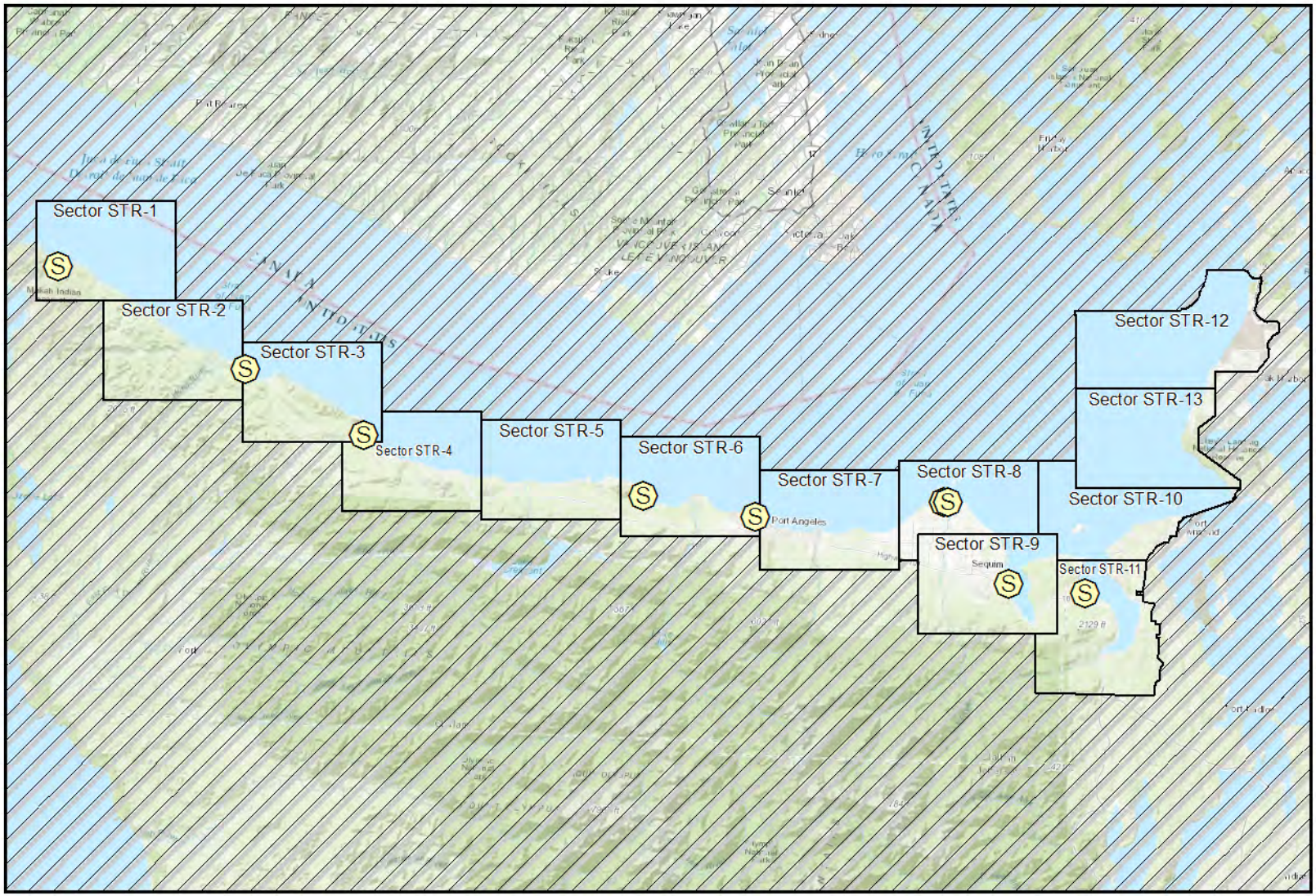
AREA OVERVIEW MAPS

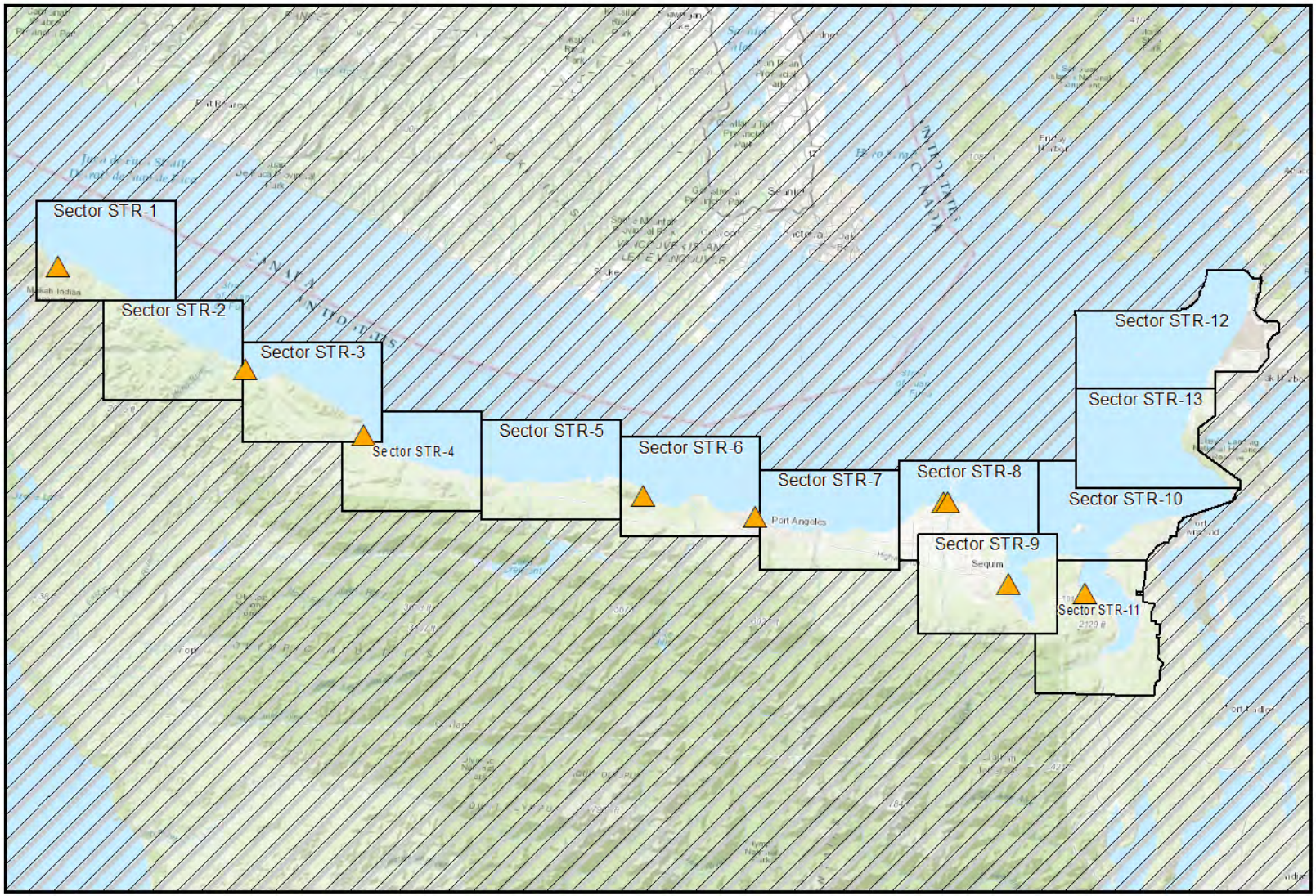
The following maps provide a geographic overview of the Strait of Juan de Fuca GRP planning area. Sector maps provide more detail on the location of response strategies, notification strategies, staging areas, boat launch locations, and POSOPs. Detailed information for each location can be found in the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

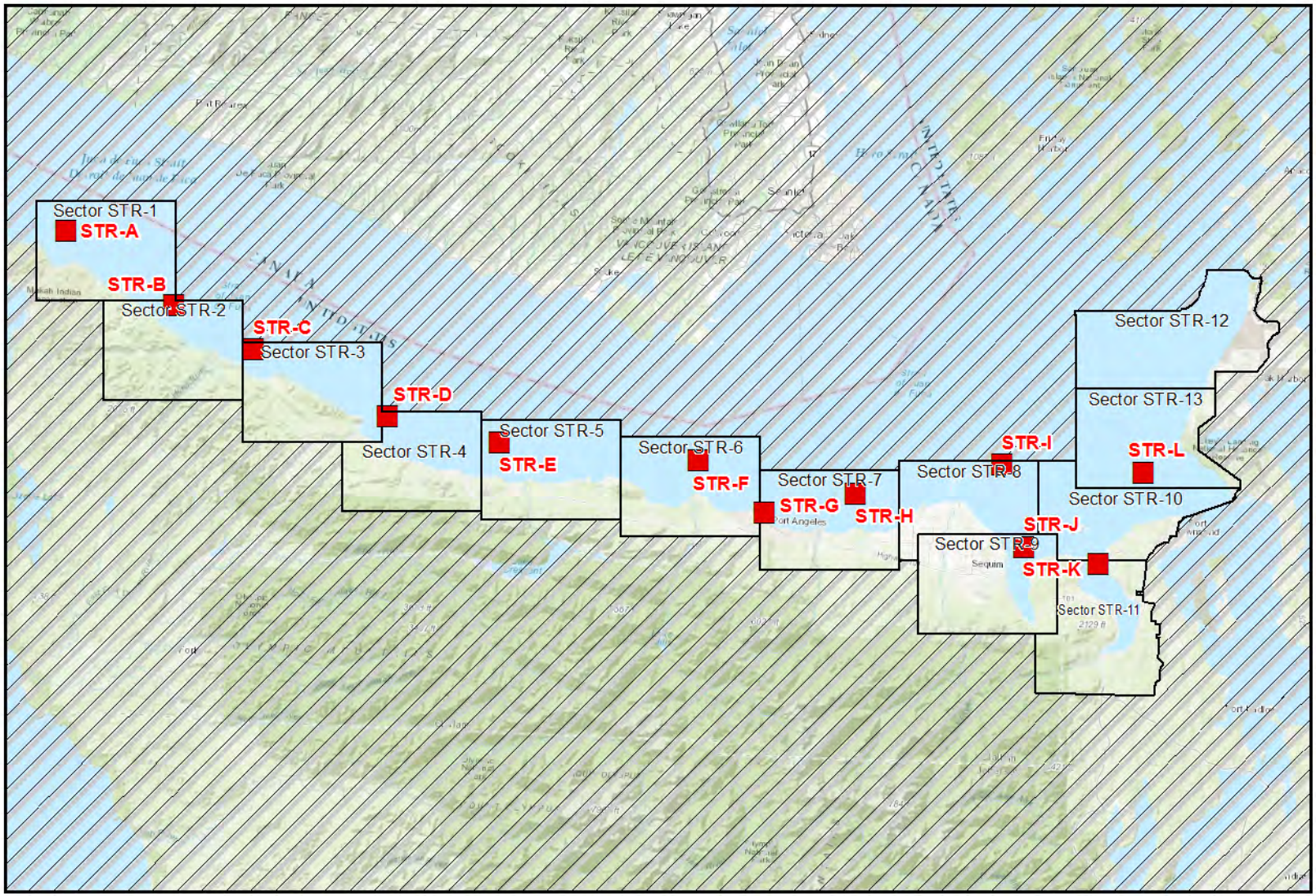

Sector STR-1
Sector STR-2
Sector STR-3
Sector STR-4
Sector STR-5
Sector STR-6
Sector STR-7
Sector STR-8
Sector STR-9
Sector STR-10
Sector STR-11
Sector STR-12
Sector STR-13
Response Strategy Locations
0 2.75 5.5 11
Miles
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, 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,


Sector STR-1
Sector STR-2
Sector STR-3
Sector STR-4
Sector STR-5
Sector STR-6
Sector STR-7
Sector STR-8
Sector STR-9
Sector STR-10
Sector STR-11
Sector STR-12
Sector STR-13
Port Angeles
Sequim
Staging Area Locations
0 2.75 5.5 11
Miles
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,


Sector STR-1
Sector STR-2
Sector STR-3
Sector STR-4
Sector STR-5
Sector STR-6
Sector STR-7
Sector STR-8
Sector STR-9
Sector STR-10
Sector STR-11
Sector STR-12
Sector STR-13
Port Angeles
Sequim
Boat Launch Locations
0 2.75 5.5 11
Miles
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,



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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 STR-A through STR-L. 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: STR-A (Neah Bay)

STR-A (Neah Bay)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-01**	STR-1	100	71
2	**STR-02**	STR-1	700	73
3	**STR-03**	STR-1	300	75
4	**STR-04**	STR-1	100	77
5	**STR-10**	STR-1	100	79
6	**Outer Coast GRP Strategies**			

Total Boom: 1300 ft.

Table 2: STR-B (Shipwreck Point)

STR-B (Shipwreck Point)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-11**	STR-2	100	81
2	**STR-12**	STR-2	200	83
3	**STR-13**	STR-2	100	85
4	**STR-10**	STR-2	100	79
5	**STR-14**	STR-2	300	87
6	**STR-15**	STR-2	500	89

Total Boom: 1300 ft.

Table 3: STR-C (Clallam Bay)

STR- C (Clallam Bay)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-20**	STR-3	600	91
2	**STR-15**	STR-2	500	89

Total Boom: 1100 ft.

Table 4: STR-D (Pillar Point)

STR- D (Pillar Point)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-21**	STR-3	1200	93
2	**STR-22**	STR-3	100	95
3	**STR-23**	STR-3	100	97
4	**STR-24**	STR-3	300	99

Total Boom: 1700 ft.

Table 5: STR-E (Twin Rivers)

STR- E (Twin Rivers)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-31**	STR-5	300	107
2	**STR-30**	STR-5	100	105
3	**STR-26**	STR-4	300	103
4	**STR-25**	STR-4	200	101
5	**STR-33**	STR-5	200	111
6	**STR-32**	STR-5	200	109
7	**STR-24**	STR-4	300	99

Total Boom: 1600 ft.

Table 6: STR-F (Elwha River)

STR-F (Elwha River)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-35**	STR-6	100	115
2	**STR-36**	STR-6	200	117
3	**STR-40**	STR-6	100	119
4	**STR-34**	STR-6	100	113
5	**STR-33**	STR-5	200	111
6	**STR-32**	STR-5	200	109
7	**STR-45**	STR-7	500	129

Total Boom: 1400 ft.

Table 7: STR-G (Port Angeles)

STR-G (Port Angeles)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-42**	STR-6	700	123
2	**STR-41**	STR-6	400	121
3	**STR-44**	STR-7	150	127
4	**STR-43**	STR-6	300	125
5	**STR-45**	STR-7	500	129
6	**STR-46**	STR-7	300	131
7	**STR-50**	STR-7	100	133
8	**STR-51**	STR-7	100	135

Total Boom: 2550 ft.

Table 8: STR-H (East of Port Angeles)

STR-H (East of Port Angeles)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-54**	STR-7	200	141
2	**STR-53**	STR-7	200	139
3	**STR-52**	STR-7	100	137
4	**STR-55**	STR-7	300	137
5	**STR-51**	STR-7	100	135

Total Boom: 900 ft.

Table 8: STR-I (Dungeness)

STR- I (Dungeness)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
Prioritize on-water skimming at the entrance to Dungeness Bay				
1	**STR-65**	STR-8	400	155
2	**STR-62**	STR-8	1000	149
3	**STR-61**	STR-8	800	147
4	**STR-60**	STR-8	600	145
5	**STR-64**	STR-8	400	153
6	**STR-66**	STR-8	300	157
7	**STR-63**	STR-8	200	151

Total Boom: 3700 ft.

Table 9: STR-J (Sequim Bay)

STR-J (Sequim Bay)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-70**	STR-9	1200	159
2	**STR-71**	STR-9	900	161
3	**STR-78**	STR-9	400	175
4	**STR-72**	STR-9	600	163
5	**STR-73**	STR-9	400	165
6	**STR-75**	STR-9	100	169
7	**STR-74**	STR-9	1000	167
8	**STR-77**	STR-9	300	173
9	**STR-76**	STR-9	1000	171
10	**STR-80**	STR-10	800	177
11	**PRI-4**	STR-10	300	69

Total Boom: 7000 ft.

Table10: STR-K (Discovery Bay)

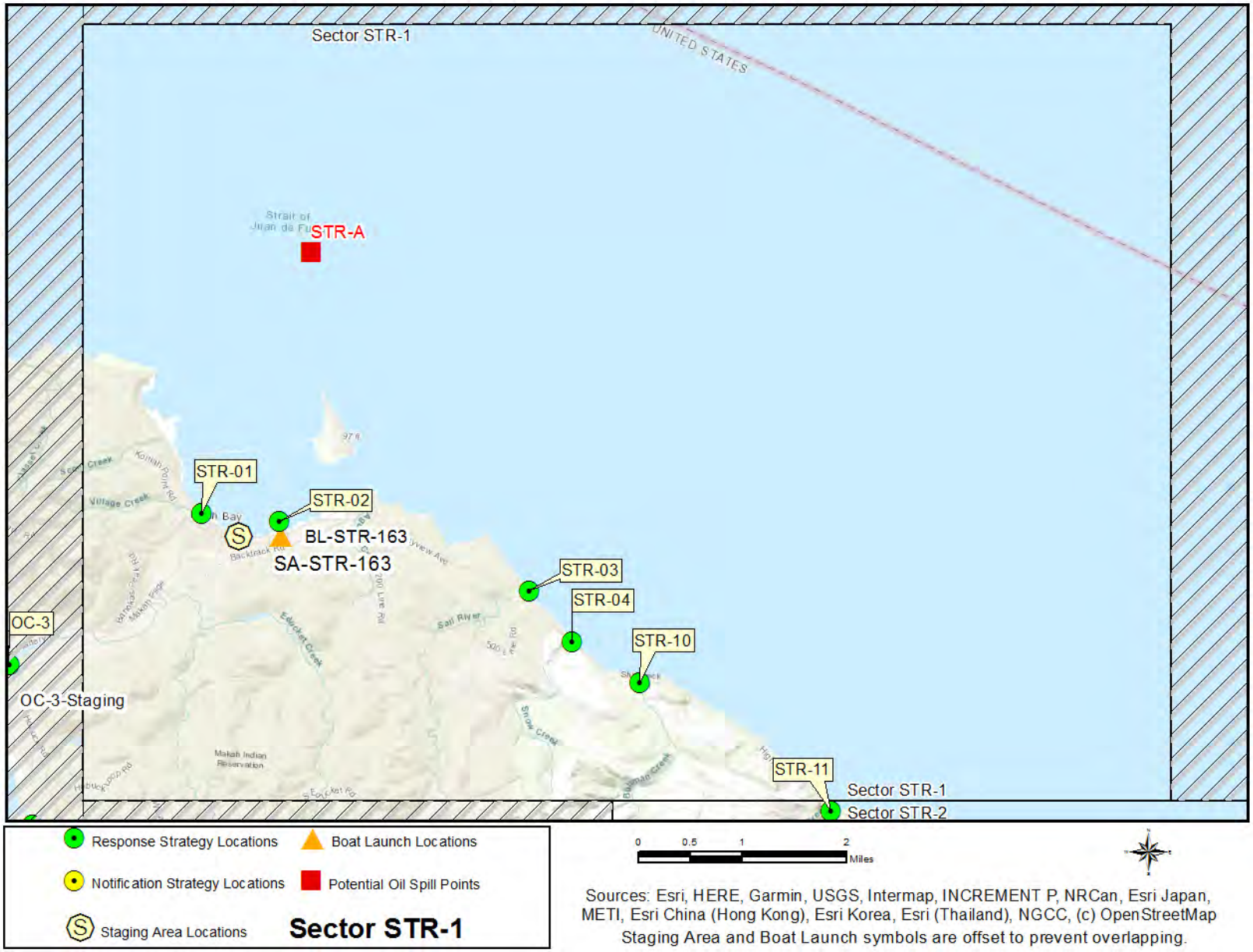
STR-K (Discovery Bay)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**STR-91**	STR-11	500	193
2	**STR-90**	STR-11	600	191
3	**STR-92**	STR-10	1100	195
4	**STR-80**	STR-10	800	177
5	**PRI-4**	STR-10	300	69
6	**PRI-3**	STR-10	800	67
7	**PRI-1**	STR-10	1000	63
8	**PRI-2**	STR-10	300	65
9	**STR-81**	STR-11	600	179
10	**STR-82**	STR-11	500	181
11	**STR-83**	STR-11	600	183
12	**STR-84**	STR-11	500	185
13	**STR-85**	STR-11	100	187
14	**STR-86**	STR-11	100	189

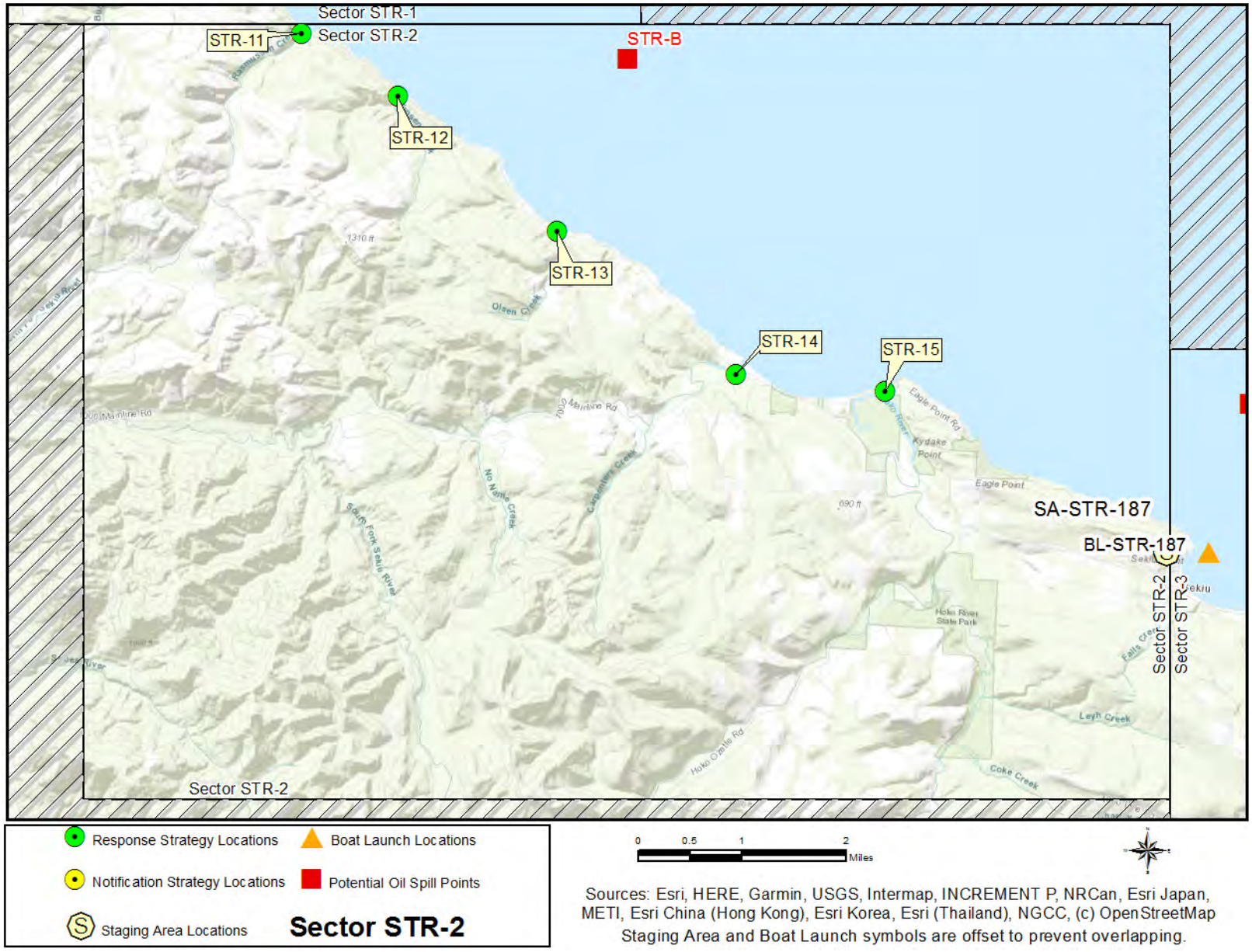
Total Boom: 7800 ft.

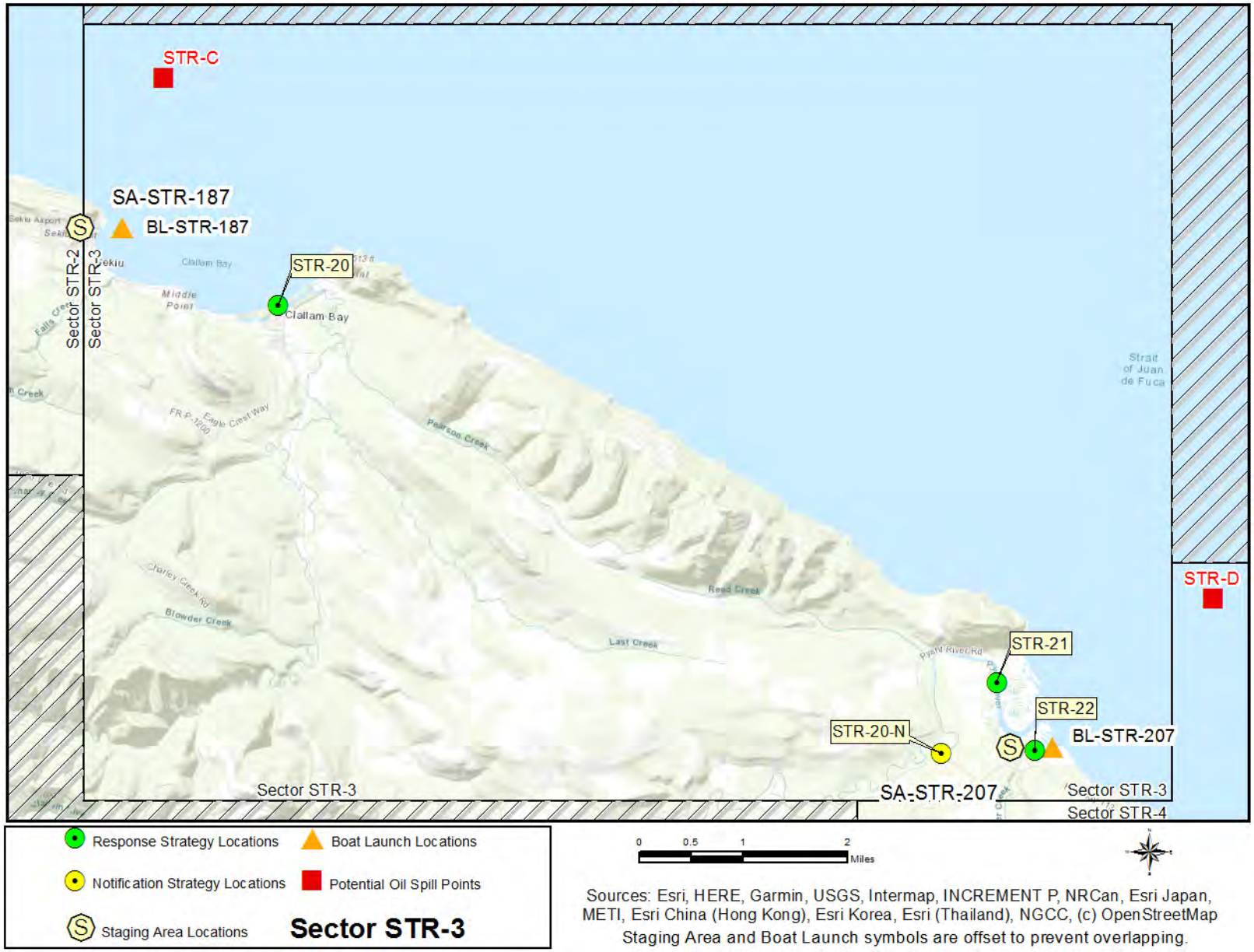
Table11: STR-L (Protection Island)

STR-L (Protection Island)				
Implementation Priority	**Strategy Number**	**Sector Map**	**Boom Length (Feet)**	**Strategy Details (Page #)**
1	**PRI-4**	STR-10	300	69
2	**PRI-3**	STR-10	800	67
3	**PRI-1**	STR-10	1000	63
4	**PRI-2**	STR-10	300	65
5	**STR-92**	STR-10	1100	195
6	**STR-80**	STR-10	800	177
7	**STR-91**	STR-11	500	193
8	**STR-90**	STR-11	600	191
9	**Admiralty Inlet GRP Strategies**			

Total Boom: 5400 ft.

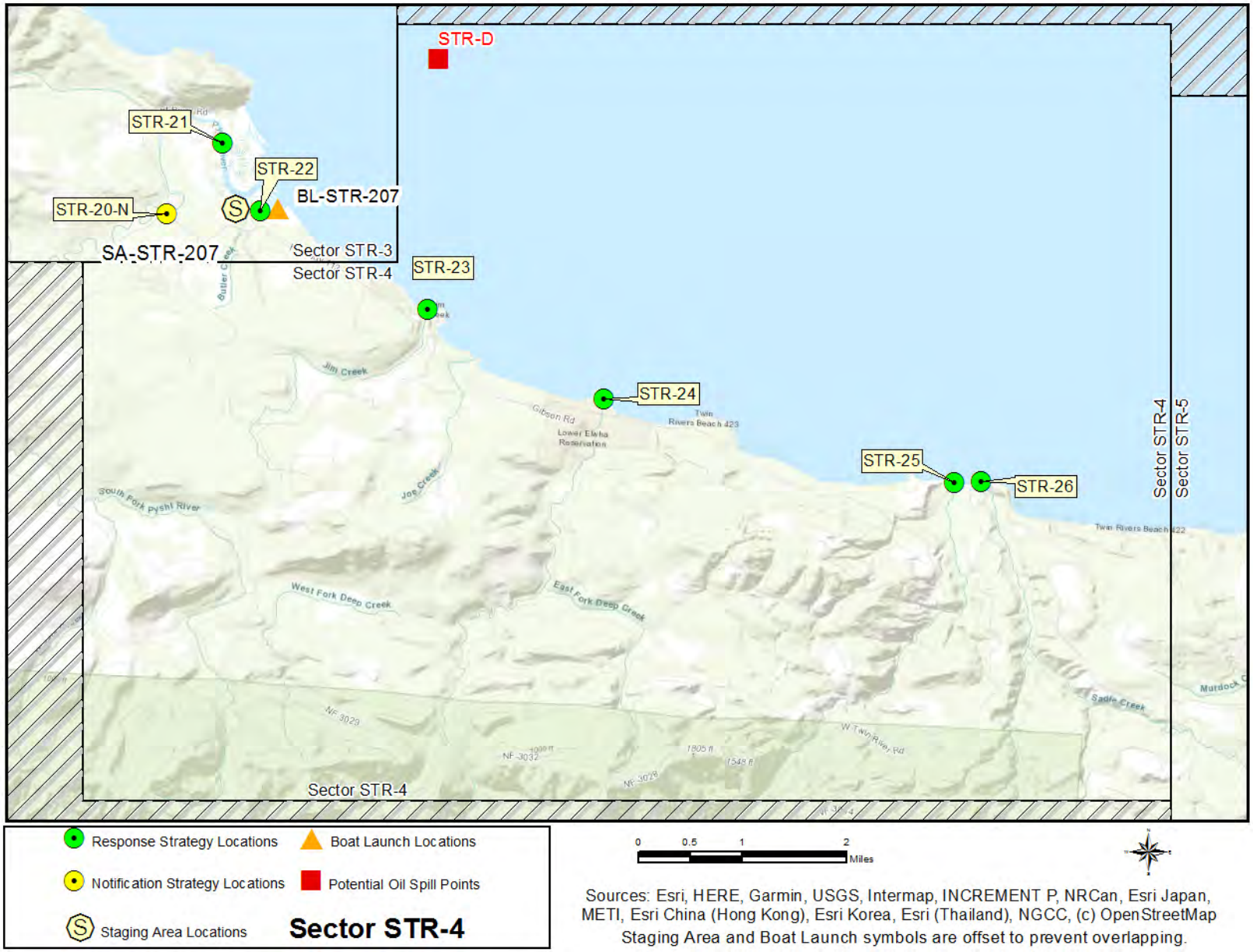

Sector STR-1
UNITED STATES
Strait of Juan de Fuca
STR-A
STR-01
STR-02
BL-STR-163
SA-STR-163
STR-03
STR-04
STR-10
STR-11
OC-3
OC-3-Staging
Sector STR-1
Sector STR-2
Response Strategy Locations
Boat Launch Locations
Notification Strategy Locations
Potential Oil Spill Points
Staging Area Locations
Sector STR-1
0 0.5 1 2
Miles
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.


Sector STR-1
Sector STR-2
STR-11
STR-B
STR-12
STR-13
STR-14
STR-15
SA-STR-187
BL-STR-187
Sector STR-2
Sector STR-3
Sector STR-2
Response Strategy Locations
Boat Launch Locations
Notification Strategy Locations
Potential Oil Spill Points
Staging Area Locations
Sector STR-2
0
0.5
1
2
Miles
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.



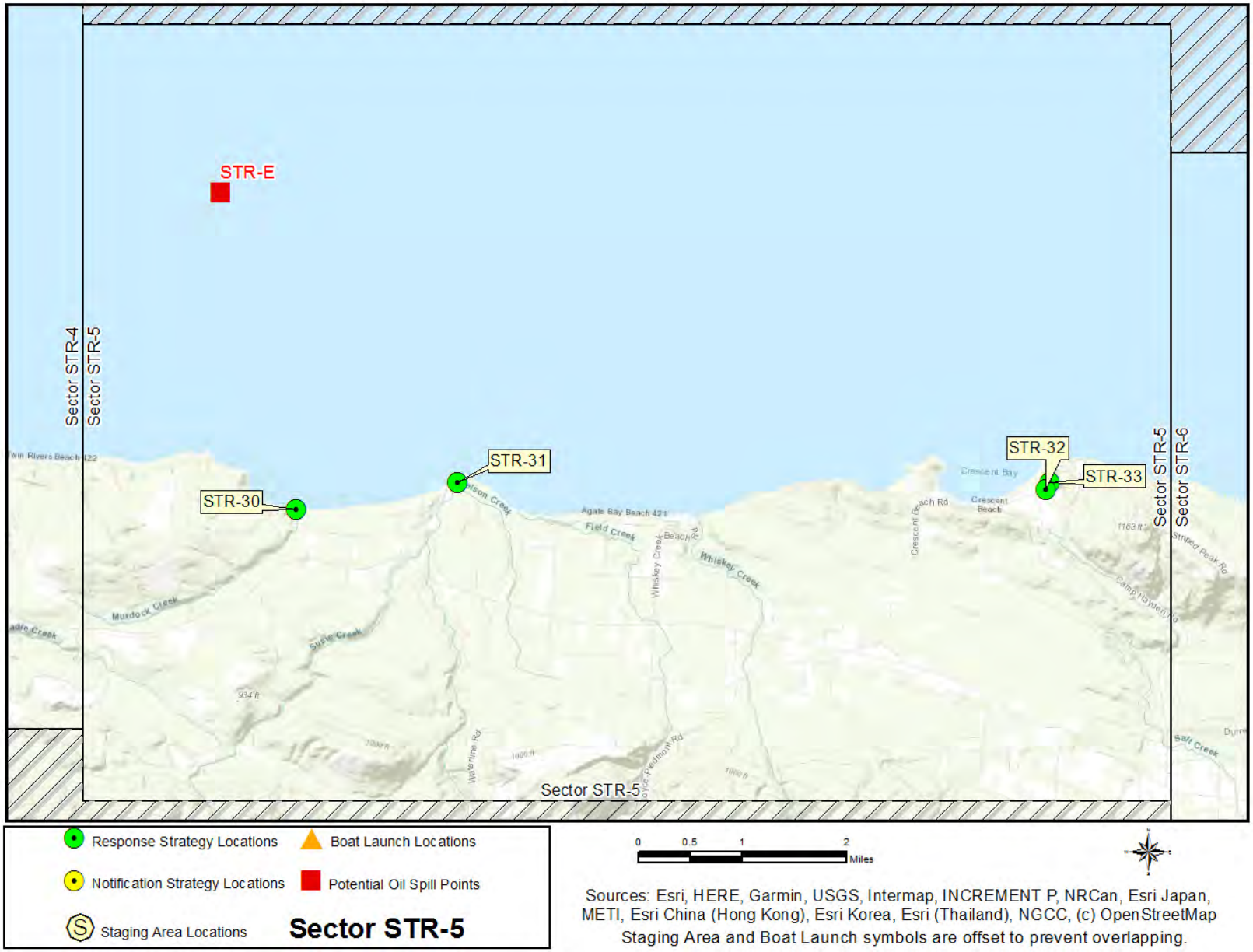
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

Staging Area and Boat Launch symbols are offset to prevent overlapping.



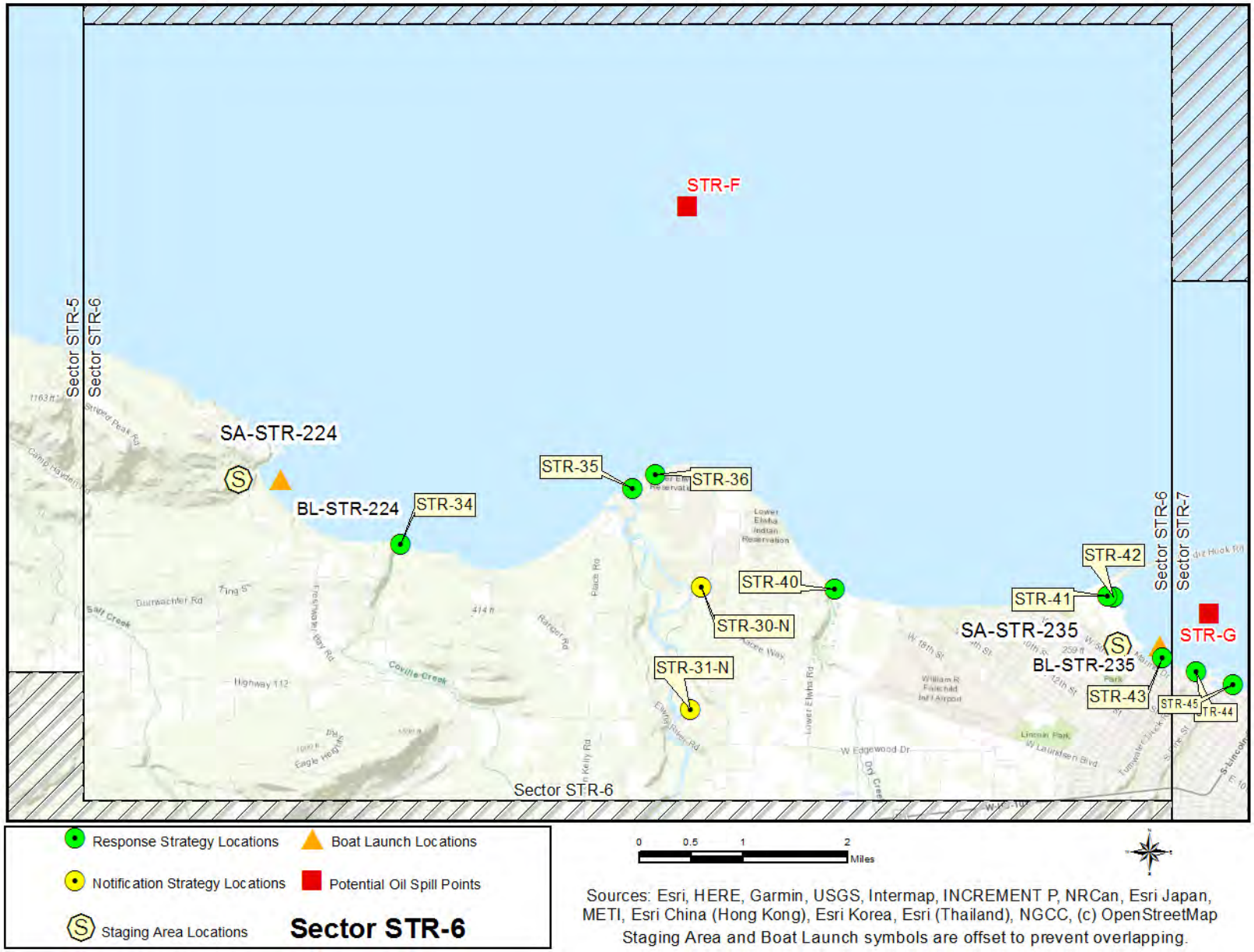
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

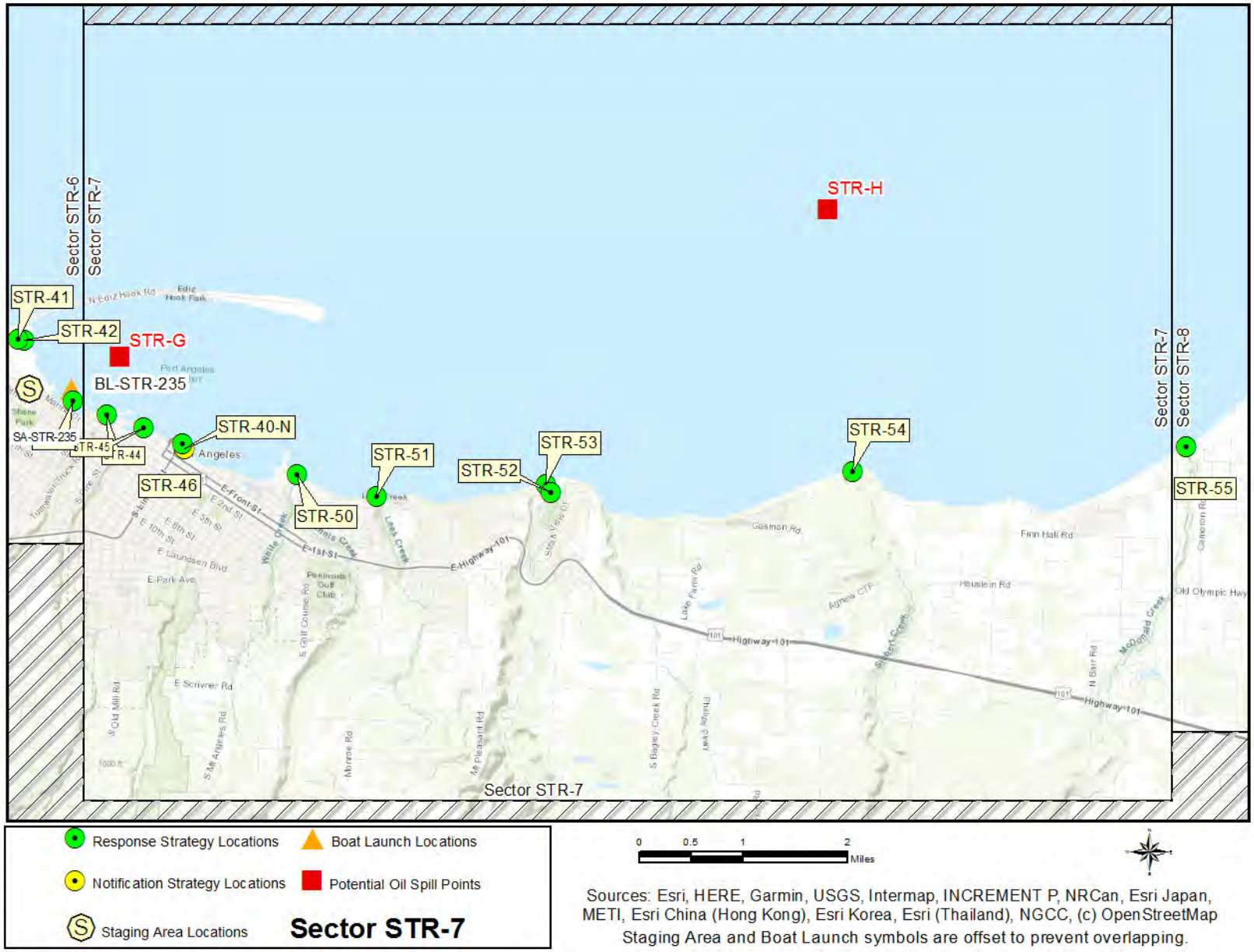
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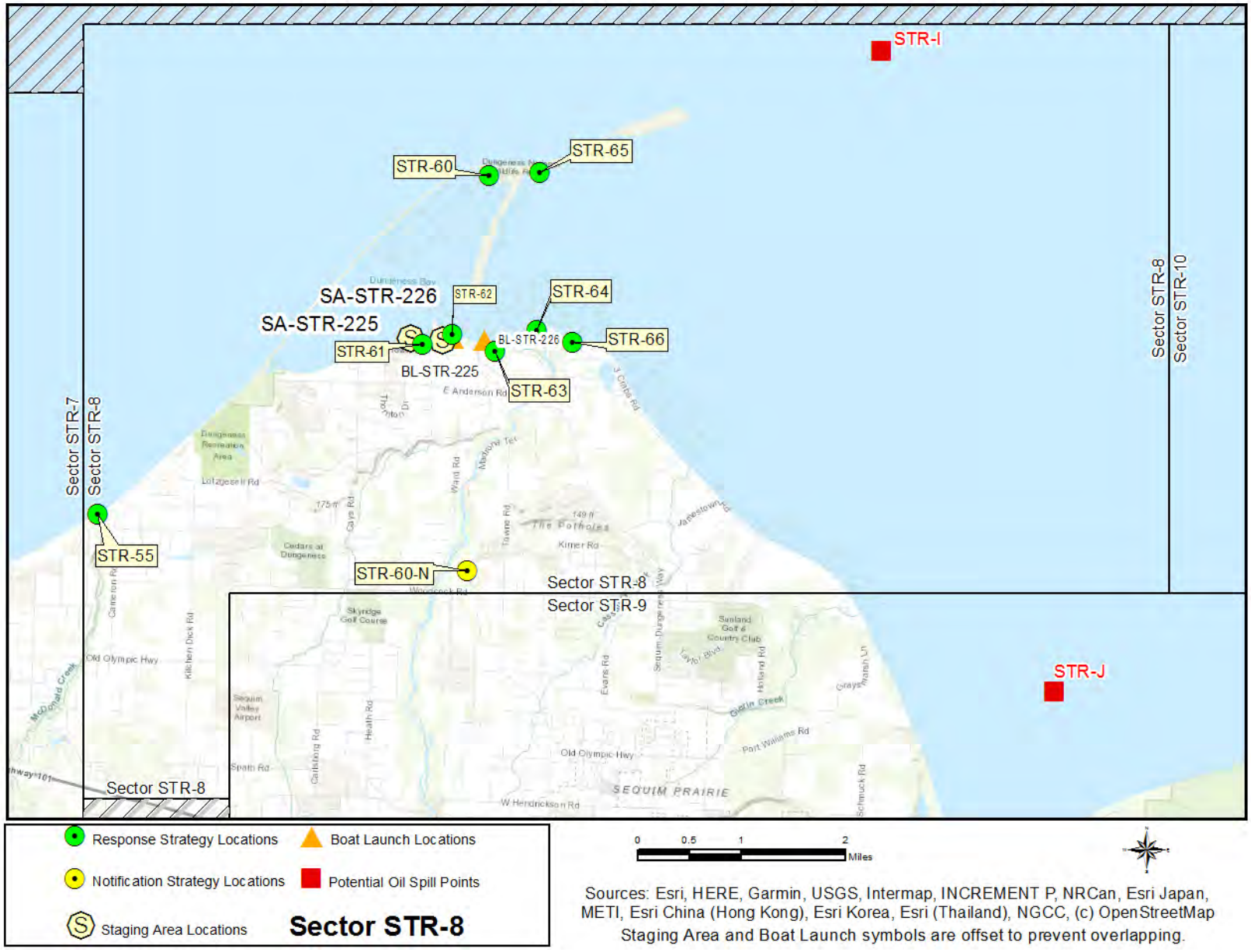
Staging Area and Boat Launch symbols are offset to prevent overlapping.


STR-F
Sector STR-5
Sector STR-6
SA-STR-224
BL-STR-224
STR-34
STR-35
STR-36
STR-40
STR-30-N
STR-31-N
STR-42
STR-41
SA-STR-235
BL-STR-235
STR-43
STR-45
STR-44
STR-G
Sector STR-7
Sector STR-6
Response Strategy Locations
Boat Launch Locations
Notification Strategy Locations
Potential Oil Spill Points
Staging Area Locations
Sector STR-6
0 0.5 1 2
Miles
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap
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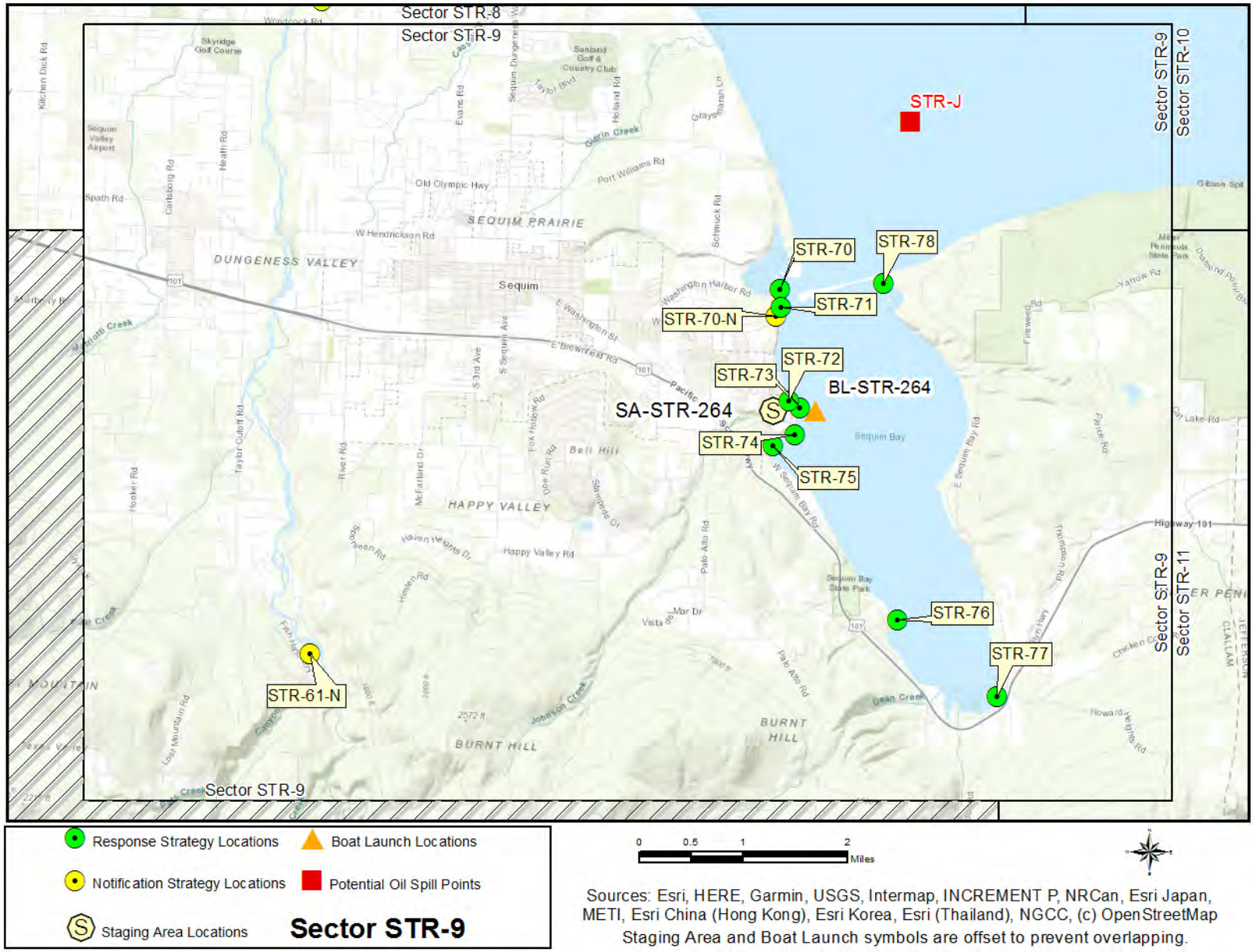
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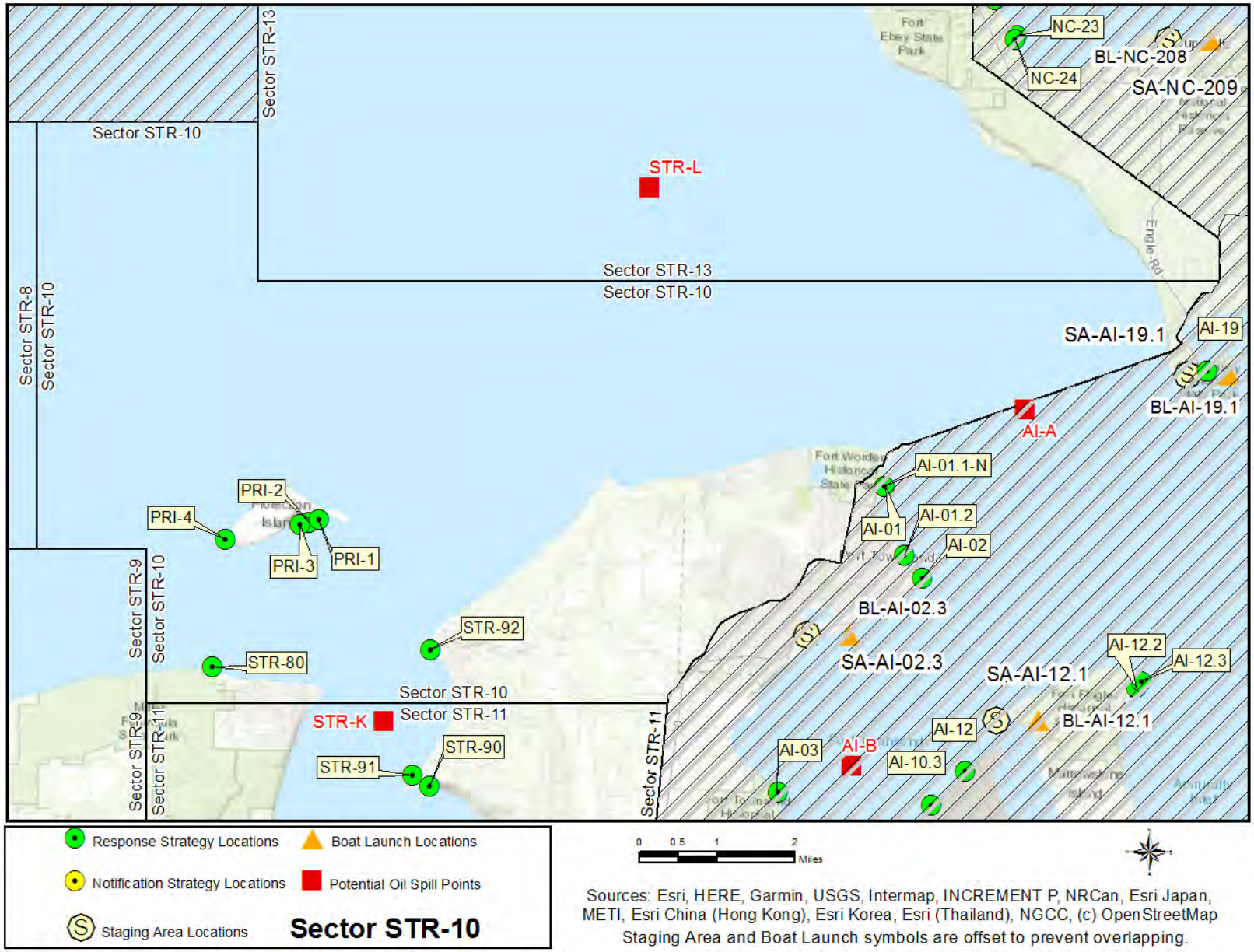
Staging Area and Boat Launch symbols are offset to prevent overlapping.

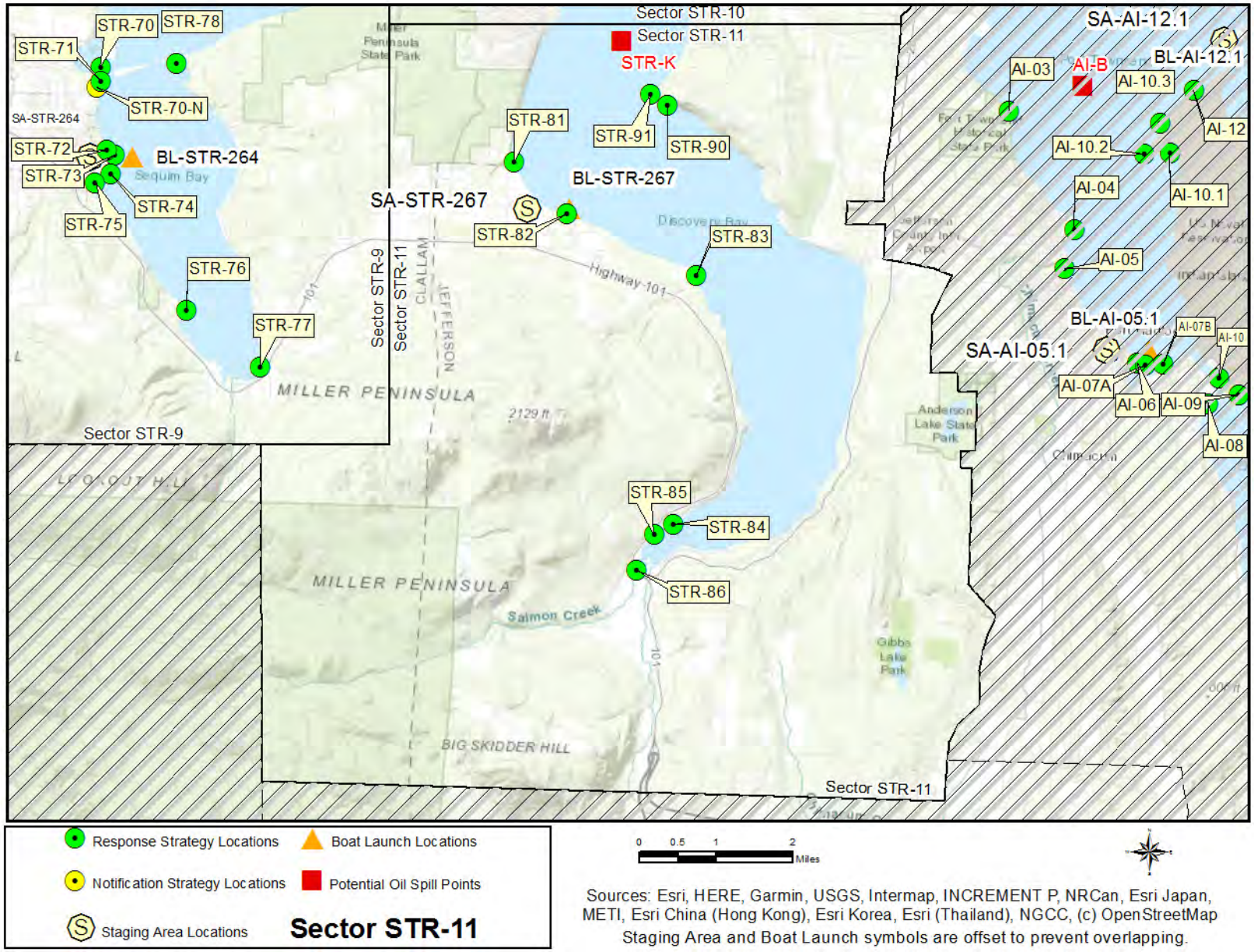


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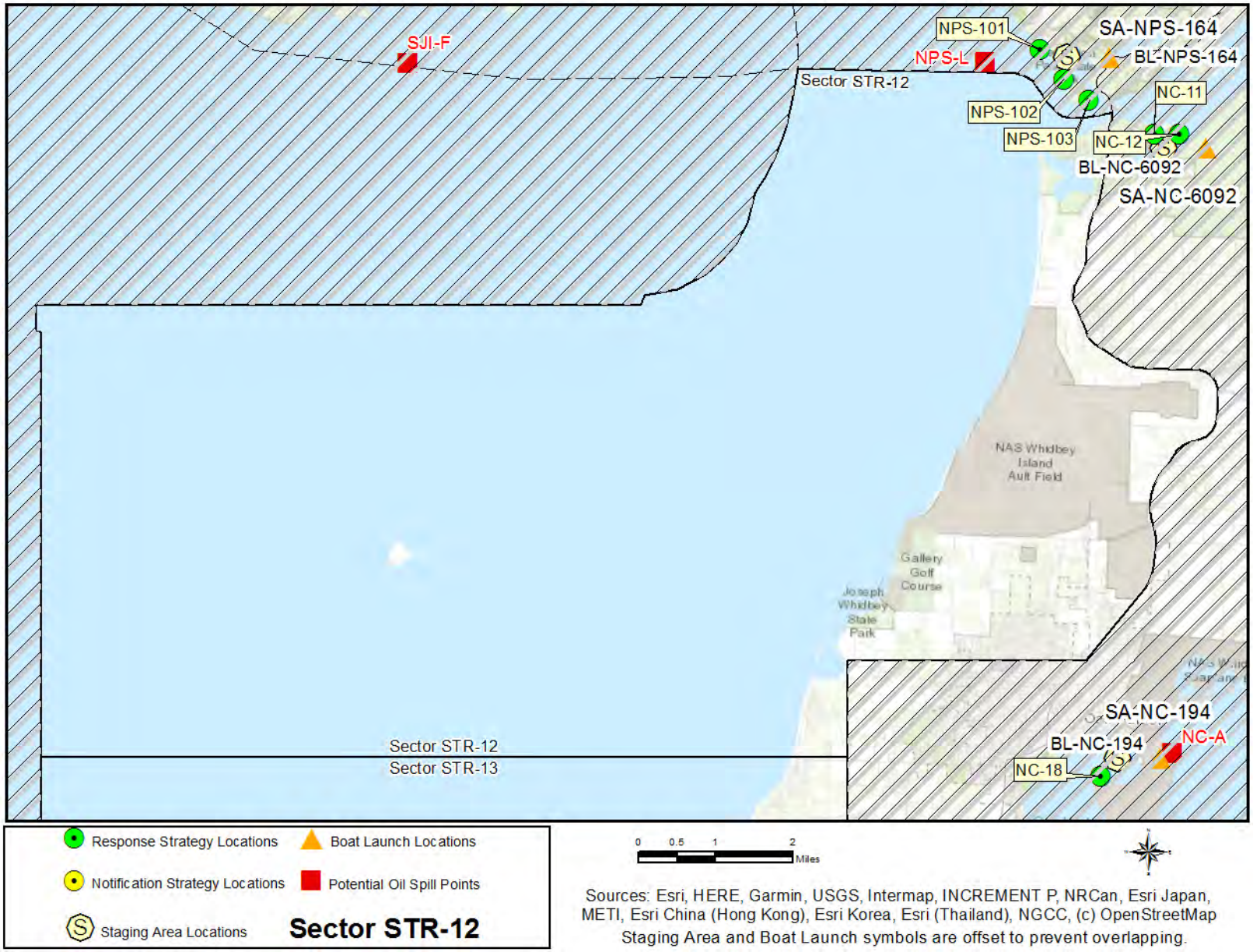

Sector STR-8
Sector STR-9
STR-J
Sector STR-9
Sector STR-10
STR-70
STR-78
STR-71
STR-70-N
STR-72
STR-73
BL-STR-264
SA-STR-264
STR-74
STR-75
STR-76
STR-77
STR-61-N
Sector STR-9
Sector STR-9
Sector STR-11
SEQUIM PRAIRIE
DUNGENESS VALLEY
HAPPY VALLEY
BURNT HILL
Sequim
Sequim Bay
Response Strategy Locations
Boat Launch Locations
Notification Strategy Locations
Potential Oil Spill Points
Staging Area Locations
Sector STR-9
0 0.5 1 2
Miles
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.

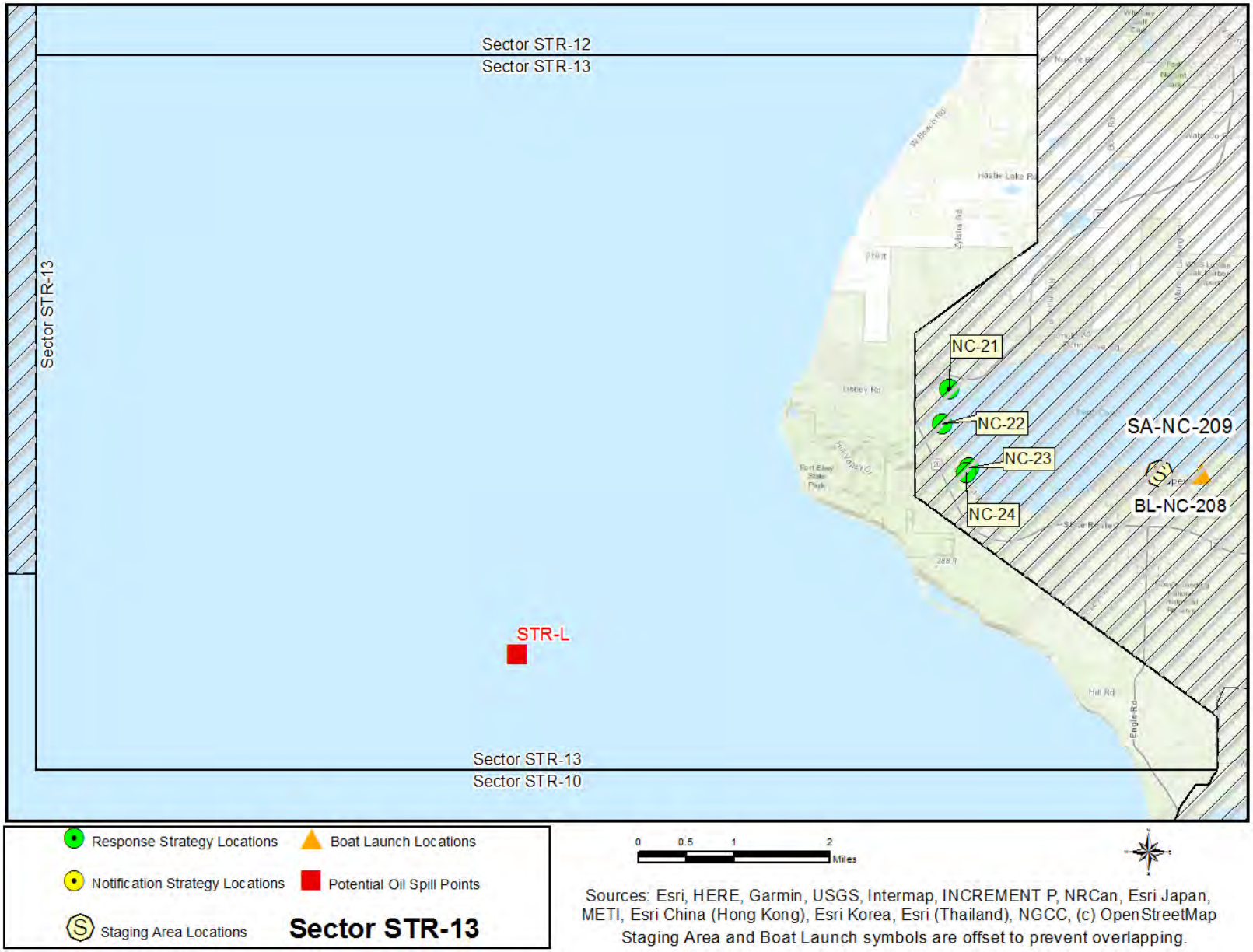

Sector STR-13
Sector STR-10
Sector STR-8
Sector STR-10
Sector STR-9
Sector STR-10
Sector STR-9
Sector STR-11
Sector STR-10
Sector STR-11
Sector STR-13
Sector STR-10
Sector STR-11
STR-L
STR-K
STR-80
STR-90
STR-91
STR-92
PRI-1
PRI-2
PRI-3
PRI-4
NC-23
NC-24
BL-NC-208
SA-NC-209
SA-AI-19.1
AI-19
BL-AI-19.1
AI-A
AI-01.1-N
AI-01
AI-01.2
AI-02
BL-AI-02.3
SA-AI-02.3
SA-AI-12.1
AI-12.2
AI-12.3
BL-AI-12.1
AI-12
AI-B
AI-03
AI-10.3
Response Strategy Locations
Notification Strategy Locations
Staging Area Locations
Boat Launch Locations
Potential Oil Spill Points
Sector STR-10
0 0.5 1 2
Miles
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap
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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.

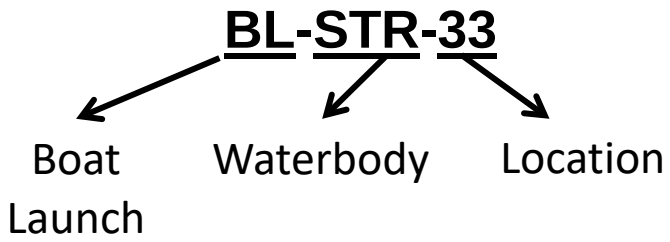

SJI-F
NPS-101
SA-NPS-164
NPS-L
BL-NPS-164
Sector STR-12
NC-11
NPS-102
NPS-103
NC-12
BL-NC-6092
SA-NC-6092
NAS Whidbey Island Ault Field
Gallery Golf Course
Joseph Whidbey State Park
SA-NC-194
BL-NC-194
NC-A
NC-18
Sector STR-12
Sector STR-13
Response Strategy Locations
Boat Launch Locations
Notification Strategy Locations
Potential Oil Spill Points
Staging Area Locations
Sector STR-12
0 0.5 1 2
Miles
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap
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Sector STR-12
Sector STR-13
Sector STR-13
NC-21
NC-22
NC-23
NC-24
SA-NC-209
BL-NC-208
STR-L
Sector STR-13
Sector STR-10
Response Strategy Locations
Boat Launch Locations
Notification Strategy Locations
Potential Oil Spill Points
Staging Area Locations
Sector STR-13
0 0.5 1 2
Miles
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.

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. 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 short name designations used within the plan include:

STR = Strait of Juan de Fuca	SA = Staging Area
N = Notification Strategy	BL = Boat Launch

Response Strategy Matrices

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
PRI-1	Protection Island Beach East 48.12648 -122.91784	Exclusion	Boom 1000ft	Yes	Remote Stage and launch from John Wayne Marina	Federal Lands, Marine Mammals, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wildlife Refuge	Rip rap and sandy beach. Seasonally strong waves and currents may require a shorter strategy to be effective. This section of beach is often used by harbor seals and other mammals and birds.	Sector STR-10	63
PRI-2	Protection Island Harbor 48.12579 -122.92044	Exclusion	Boom 300ft	Yes	Remote Stage and launch from John Wayne Marina in Sequim	Federal Lands, Marine Birds, Resident Fish, Salmonids, Shellfish, Waterfowl, Wildlife Refuge	Rip-rap at harbor entrance	Sector STR-10	65
PRI-3	Protection Island Beach West 48.12541 -122.92302	Exclusion	Boom 800ft	Yes	Remote Stage and launch from John Wayne Marina	Federal Lands, Marine Birds, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wildlife Refuge	Consult with USFWS if possible before deploying.	Sector STR-10	67
PRI-4	Protection Island Landslide 48.12229 -122.94354	Exclusion	Boom 300ft	Yes	Remote Stage and launch from John Wayne Marina	Federal Lands, Marine Birds, Resident Fish, Salmonids, Sensitive Resources, Waterfowl	Consult with USFWS before approaching Protection Island. If adjustments are needed consult with DAHP or Tribe Cultural Resources first.	Sector STR-10	69

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-01	Village Creek 48.36893 -124.62506	Exclusion	Boom 100ft	No	Onsite Stage at the parking adjacent to the creek or at the crab house	Resident Fish, Salmonids, Tribal Lands/Resources	Notify Makah Nation before arrival on reservation. Shallow natural slopes. Culvert is above water line for most of tide cycle.	Sector STR-1	71
STR-02	Makah Tribal Marina 48.36832-124.60879	Exclusion	Boom 700ft	Yes	OnsiteStage and launch onsite at Makah Tribal Marina aka Big Salmon Resort	Crabs, Recreational Use Area, Resident Fish, Salmonids, Shellfish, Tribal Lands/Resources	Notify Makah Police before entering reservation. Shallow tideflat behind marina.	Sector STR-1	73
STR-03	Sail River 48.36037 -124.55584	Exclusion	Boom 300ft	Yes	Remote Stage and launch from Neah Bay	Resident Fish, Salmonids, Shellfish, Tribal Lands/Resources, Wetlands	Notify Makah before arrival. Onsite staging and land access if needed, has a grassy area for truck and small trailer. Shallow tidal cove with subsurface rocks and visible pilings.	Sector STR-1	75
STR-04	Snow Creek 48.35366 -124.54632	Exclusion	Boom 100ft	No	Onsite Stage onsite in paved area. Property owned by WDFW but is adjacent to Makah Reservation.	Resident Fish, Salmonids, Sensitive Resources, Wetlands	Notify Makah before arrival. Keep vehicles on paved surfaces. Minimize ground disturbance when possible. Access from Highway 112, Mile Post 0.7. Tidal creek with large boulders on both banks. Boom may only sit on sand for 30-40 feet.	Sector STR-1	77

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-10	Bullman Creek 48.34850 -124.53164	Exclusion	Boom 100ft	No	Onsite Stage and deploy onsite from vehicle.	Forage Fish, Resident Fish, Salmonids, Wetlands	Use WSDOT flagging guidelines to close westbound lane for safety. Gated driveways on both sides of bridge. Consult residents for parking and shore access during deployment.	Sector STR-1	79
STR-11	Rasmussen Creek 48.33188 -124.49033	Exclusion	Boom 100ft	No	Onsite Room onsite for 3-4 vehicles or boom trailer.	Resident Fish, Salmonids, Shellfish, Wetlands	Vehicle access from Highway 112, Mile Post 3.9. Large sandy turnout on west side of Hwy bridge, gentle grade, easy foot access. If tide or creek is running high, use flaggers and bridge to pull line across creek.	Sector STR-2	81
STR-12	Jansen Creek 48.32391-124.46956	Exclusion	Boom 200ft	No	OnsiteRoad shoulder parking for 4-5 vehicles. Large beach at low tide. Easy slopes.	Resident Fish, Salmonids, Shellfish, Wetlands	Easy slope to beach. Vehicle access from Highway 112, Mile Post 5.1. Pull out on East side of bridge. May have overnight campers in RV. Private driveways across WA-112.	Sector STR-2	83
STR-13	Olsen Creek 48.30607 -124.43469	Exclusion	Boom 100ft	No	Onsite Limited room onsite in front yard of house.	Resident Fish, Salmonids, Wetlands	Easy slope to beach from private front yard on west bank. Steeper east bank may need to gain access via road at high water. Clallam County EOC can help gain access to private property if needed.	Sector STR-2	85

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-14	Sekiu River 48.28740 -124.39582	Exclusion	Boom 300ft	No	Onsite Stage onsite on SW side of bridge at private pull-off.	Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Tribal Lands/Resources, Waterfowl, Wetlands	At high water use extreme caution near bridge due to strong tidal pull. If bridge is used for deployment, follow WSDOT policy for flaggers and lane closure. Consult with Makah Tribe before disturbing soil.	Sector STR-2	87
STR-15	Hoko River 48.28597 -124.36438	Exclusion	Boom 500ft	Yes	Onsite Stage and launch from Vista Lane.	Historic Register Site, Marine Birds, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, State Park, Waterfowl, Wetlands	Flat area with road access near end of Vista Lane. State Park property. Side channel and main channel may have changed shape or depth.	Sector STR-2	89
STR-20	Clallam River 48.25588 -124.26181	Exclusion	Boom 600ft	Yes	Onsite Launch from Sekiu. Ped access, parking and restrooms onsite at County Park.	County Park, Crabs, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	Frequent changes. Connection between bay and river may be blocked, open, or exist only during high tide. May be multiple active connections and seeps, or none. Evaluate and adjust for conditions.	Sector STR-3	91
STR-21	Pysht River 48.20790-124.10820	Collection	Boom 1200ft	Yes	OnsitePrivate dirt timber road. Handlaunch skiff and pull boom off bank. Pillar Point at high tide..	Crabs, Forage Fish, Marine Birds, Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shellfish, Shorebirds, Waterfowl, Wetlands	Call Merrill + Ring before arrival. Private timberland with dirt/gravel logging roads. Caretaker lives near site.	Sector STR-3	93

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-22	Butler Creek 48.19874 -124.09959	Exclusion	Boom 100ft	No	Onsite Stage onsite at Pillar Point Rec Area boat launch and parking lot.	County Park, Crabs, Forage Fish, Marine Birds, Raptors, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	The creek mouth is at the east end of the lower parking lot in the Pillar Point County Park.	Sector STR-3	95
STR-23	Jim Creek 48.18602 -124.06382	Exclusion	Boom 100ft	No	Onsite Private campground and boat launch onsite	Crabs, Resident Fish, Salmonids, Shellfish, Wetlands	Large metal culvert under road to gravel beach. Easy access from campground road or boat launch.	Sector STR-4	97
STR-24	Deep Creek Mouth 48.17464 -124.02618	Exclusion	Boom 200ft	Yes	Onsite With Lower Elwha Tribe escort, room for staging onsite on east bank of creek.	Forage Fish, Resident Fish, Salmonids, Tribal Lands/Resources, Wetlands	Lower Elwha Klallam Tribe property, seasonal fishing camp. With permission, vehicle access off Highway 112 at Mile Post 34.7, a dirt road on the east side of the creek. No boat access.	Sector STR-4	99
STR-25	West Twin River 48.16517 -123.95242	Exclusion	Boom 200ft	No	Onsite Stage at Twin Beach parking area and walk equipment 600ft W to site.	Crabs, Forage Fish, Marine Birds, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	Do not deploy in high river flow - dangerous and ineffective. Twin Rivers Investment owns beach and parking, alert of activity for safety of visitors.	Sector STR-4	101

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-26	East Twin River 48.16541-123.94674	Exclusion	Boom 300ft	No	OnsiteStage onsite via dirt road to private property - may need to cut gate. In high flow land shallow boat on shore.	Forage Fish, Marine Birds, Marine Mammals, Resident Fish, Salmonids, Shorebirds, Wetlands	Vehicle access off Highway 112 at Mile Post 38.6, turn north off the highway onto a dirt road on the west side of the East Twin River. Gate is unlocked. Call Twin Rivers Investment to alert beach campers of activity or hazards and prevent new campers from arriving.	Sector STR-4	103
STR-30	Murdock Creek Beach 48.15403 -123.86180	Exclusion	Boom 100ft	No	Onsite Parking area at public beach access. Short walk to site along beach.	Resident Fish, Salmonids, State Lands, Wetlands	Shallow creek with pond at high tide line. Walk along beach from parking area.	Sector STR-5	105
STR-31	Lyre River 48.15867 -123.82842	Exclusion	Boom 300ft	No	Onsite Both banks have roads and and large grass fields but keep vehicles on roads/trails as much as possible.	Marine Birds, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Wetlands	Call Lower Elwha Klallam Tribe before arrival for cultural resource advisor. They also have key to gate for east bank vehicle access, via North Olympic Land Trust public recreation area. Can drive to bank on private property on west bank, call to alert family members.	Sector STR-5	107

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-32	Salt Creek Bridge 48.16106 -123.70572	Exclusion	Boom 200ft	No	Onsite Use parking lot NE of bridge for vac truck or other equipment.	County Park, Eelgrass, Marine Birds, Raptors, Resident Fish, Salmonids, Wetlands	Follow WSDOT flagging policies when crossing bridge or working near roadside. Land N of bridge by road owned by Clallam County Parks.	Sector STR-5	109
STR-33	Salt Creek closest to beach 48.16207-123.70492	Exclusion	Boom 200ft	No	Onsite300 ft walking trail from parking lot to beach.	County Park, Eelgrass, Marine Birds, Raptors, Resident Fish, Salmonids, Wetlands	Southeastern side of creek is public park; northwestern side is privately owned by Sea Kota and they should be notified so they do not mistake responders for trespassers. Shallow creek most of the year.	Sector STR-5	111
STR-34	Colville Creek 48.13801 -123.61193	Exclusion	Boom 100ft	No	Onsite Private beach access via stairs. In calm weather could land shallow boat on beach - avoid offshore shoal.	Backwater Habitat, Marine Birds, Resident Fish, Salmonids	Cobble beach with offshore rocky shoal. Steep ravine with shallow creek. Property on both sides of creek have steep stairs to beach. Chris Burns at Jamestown Tribe lives nearby and may be able to liaise with neighbors.	Sector STR-6	113
STR-35	Elwha River 48.14703 -123.56406	Exclusion	Boom 100ft	Yes	Remote Stage and launch landing craft from Freshwater Bay County Park.	Marine Birds, Resident Fish, Salmonids, Tribal Lands/Resources, Waterfowl, Wetlands	Call Lower Elwha Klallam Tribe before deploying - escort required; if no saltwater intrusion, strategy may not be needed. Side channels change often.	Sector STR-6	115

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-36	Elwha River Eastern Estuary 48.14905 -123.55932	Exclusion	Boom 200ft	Yes	Onsite Dirt/offroad parking for several cars. 500 foot walk to site on maintained trail.	Estuary Resources, Resident Fish, Salmonids, Waterfowl	Call Lower Elwha Tribe for escort. Side channel accessible via dirt road left of treatment plant. Width and depth of channel vary so either boat or waders may be needed. Oil may enter tide pools and overtop at high tide into estuary.	Sector STR-6	117
STR-40	Dry Creek 48.13403-123.52119	Exclusion	Boom 100ft	No	OnsiteStage onsite in parking area or gravel road nearest to site.	Resident Fish, Salmonids, Sensitive Resources Nearby, Wetlands	Contact City of Port Angeles for gate access to Regional Transfer Station from public works. Boom may only be needed to hold sorbent in place during low water levels.	Sector STR-6	119
STR-41	Paper Lagoon - Inner 48.13460 -123.46432	Exclusion	Boom 400ft	Yes	Remote Stage and launch from Port Haven West ramp. Also room for staging onsite if needed.	Marine Mammals, Raptors, Resident Fish, Salmonids, Shorebirds, Waterfowl	Fortified ditch with pilings in disrepair. Graded water access adjacent could be used for collection. Parking area onsite. Active paper mill with truck traffic.	Sector STR-6	121
STR-42	Paper Lagoon - Outer Strategy 48.13448 -123.46308	Exclusion	Boom 700ft	Yes	Remote Stage and launch from Boat Haven West, .7 miles down Marine Dr	Marine Mammals, Raptors, Resident Fish, Salmonids, Shorebirds, Waterfowl	Coordinate with Tesoro terminal before arriving. If oil collects, a vac truck can be staged in McKinley Paper administrative parking lot.	Sector STR-6	123

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-43	Boat Haven Marina Exclusion 48.12629 -123.45243	Exclusion	Boom 300ft	Yes	Onsite Stage and launch onsite at Boat Haven Marina.	Marina, Marine Mammals, Raptors, Recreational Use Area, Resident Fish, Salmonids, Shorebirds, Waterfowl	Active marina with breakwater walls and pilings and docks.	Sector STR-6	125
STR-44	Tumwater Creek 48.12445 -123.44530	Exclusion	Boom 150ft	No	Onsite Stage on road shoulder or adjacent to gangway.	Marine Mammals, Resident Fish, Salmonids, Shorebirds	In low water area is mud; deploy from land. Use waders or line to set midpoint.	Sector STR-7	127
STR-45	Valley Creek 48.12290-123.43748	Exclusion	Boom 500ft, Sorbent 30ft	Yes	RemoteStreetside parking, ferry parking lot, or port property for on-site staging. Launch from Boat Haven West.	City Park, Resident Fish, Salmonids, Sensitive Resources, Shorebirds	Boat access from Port Angeles. Vehicle access from Highway 101 to Front Street.	Sector STR-7	129
STR-46	Peabody Creek 48.12087 -123.42930	Exclusion	Boom 300ft	Yes	Onsite Use the parking area to stage boom or stage at Boat Haven West	Resident Fish, Salmonids, Wetlands	Mudflat at low tide, easiest to deploy extra boom by boat to avoid shallows. Urban stream. Parking nearby. Boat access from Boat Haven West.	Sector STR-7	131

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-50	Ennis Creek 48.11708 -123.40525	Exclusion	Boom 100ft	No	Onsite Gravel parking areas on west side of creek mouth.	Habitat Restoration Site, Marine Mammals, Resident Fish, Salmonids, Wetlands	24-hr access from shoreside through Rayonier Mill site. Contact caretaker or fire department for key. As last resort, use bolt cutters on the padlock or access by water from Port Angeles.	Sector STR-7	133
STR-51	Lees Creek 48.11441 -123.38859	Exclusion	Boom 100ft	No	Onsite Staging available on trail and at Port Angeles Wastewater Treatment Plant	Resident Fish, Salmonids, Waterfowl, Wetlands	Call Port Angeles Wastewater Treatment Plant for quickest access. Paved walking and biking trail. Pedestrian wooden bridge over creek.	Sector STR-7	135
STR-52	Morse Creek Upper 48.11592-123.35223	Exclusion	Boom 100ft	No	OnsiteGrassy area near creek.	Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Golf cart/walking bridge over creek connecting golf course. Oil may reach site at certain water levels and tide conditions. If oil collects, consult with golf course before driving vac truck.	Sector STR-7	137
STR-53	Morse Creek Lower 48.11695 -123.35332	Exclusion	Boom 200ft	No	Onsite Stage at parking areas at the end of Strait View Drive.	Resident Fish, Salmonids, Shorebirds, Waterfowl, Wetlands	Connection between creek and Strait will change over time and width of creek neck may change daily with tide.	Sector STR-7	139

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-54	Siebert Creek 48.12030 -123.28959	Exclusion	Boom 200ft	No	Onsite Steep dirt road to site may be too slippery to drive in rain. Chain at road entrance is unlocked, just pull.	Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Wetlands	Road is too muddy to drive safely in rain, may be safer with ATV. Beach landing is treacherous. Cliffs on either side of creek drainage. High seasonal flow. Land owned by Greenpoint Foundation.	Sector STR-7	141
STR-55	McDonald Creek 48.12549 -123.22018	Exclusion	Boom 300ft	Yes	Remote Stage and boat launch at Dungeness Landing County Park boat launch in Sequim	Forage Fish, Raptors, Resident Fish, Salmonids, Wetlands	Sandbar moves creek outflow spot. Creek drains steep ravine into pond, limited foot access via trail. Equipment access by boat.	Sector STR-8	143
STR-60	Inner Graveyard Spit Estuary 48.17467-123.14081	Exclusion	Boom 600ft	Yes	RemoteLaunch shallow boat from Cline Spit park inside Bay.	Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge	Very shallow muddy bay with piles of driftwood logs along banks. Seasonally extreme winds may bring waves overtop of spit.	Sector STR-8	145

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-61	Cline Spit - West Side 48.15075 -123.15356	Exclusion	Boom 800ft	Yes	Onsite Stage boom and launch boats onsite or at John Wayne Marina.	County Park, Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge	Strong tidal currents. Launch boat onsite (<17 ft) or from John Wayne Marina.	Sector STR-8	147
STR-62	Cline Spit East 48.15223 -123.14742	Exclusion	Boom 1000ft	Yes	Remote Stage boom and launch boats from Dungeness Landing County Park (SA-STR-226).	Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge	USFWS property, contact for assistance. Access from water only. No trespassing signs posted. Strong current in this area.	Sector STR-8	149
STR-63	Old Town Slough 48.15008 -123.13833	Exclusion	Boom 200ft	No	Onsite Access from Dungeness Landing or Rivers End Rd to east. May be accessible by boat at high tide.	Crabs, Eelgrass, Forage Fish, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	Slough and area east of park is privately owned, alert owner of activity or for gate access. Walkable with waders at all tide levels. Sandy beach with gravel.	Sector STR-8	151

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-64	Dungeness River 48.15319-123.12976	Exclusion	Boom 400ft	Yes	OnsiteATV access via Dungeness Farms Hunt Club. Levee trail with permission.	Crabs, Eelgrass, Marsh, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	Dungeness Farms Hunt Club are property owners, for safety contact before access. May lend ATV. Levee road will hold ATV. Last few yards walking trail to river. Also contact Jamestown S'Klallam Tribe.	Sector STR-8	153
STR-65	Dungeness Spit cove 48.17535 -123.13030	Exclusion	Boom 400ft	Yes	Remote Stage and launch boat at Dungeness Landing County Park (high tide only) or John Wayne Marina.	Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge	Opening to cove moves and splits often. Sand and mud beach. Access from water only. Alert USFWS to activity. Strong current in this area.	Sector STR-8	155
STR-66	Meadowbrook Creek 48.15165 -123.12226	Exclusion	Boom 300ft	No	Onsite Stage and access site from WDFW parking area on 3 Crabs Road.	Crabs, Eelgrass, Habitat Restoration Site, Resident Fish, Salmonids, Shellfish, Waterfowl, Wetlands	WDFW restoration site and Dungeness Farms private tidelands. Very shallow and changes often so adjust boom to channel.	Sector STR-8	157
STR-70	Bell Creek Lagoon 48.08112 -123.04515	Exclusion	Boom 1200ft	Yes	Remote Stage and launch from John Wayne Marina. Call PNNL for parking lot access if needed.	Eelgrass, Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands	Contact Jamestown S'Klallam Cultural Resources before arriving. Do not disturb soil south of lagoon. Strong tidal currents. Call PNNL Lab for access to parking lot and beach if needed.	Sector STR-9	159

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-71	PNNL Beach 48.07862 -123.04494	Exclusion	Boom 900ft	Yes	Remote Stage and launch from John Wayne Marina	Forage Fish, Historic Register Site, Resident Fish, Salmonids, Sensitive Resources, Shellfish	Alert PNNL Security before arriving. Minimize ground disturbance when possible. Consult with Jamestown S'Klallam Tribe before adjusting anchors.	Sector STR-9	161
STR-72	Sequim Bay W bank 48.06555-123.04265	Exclusion	Boom 600ft	Yes	RemoteStage at John Wayne Marina and access site by boat.	Resident Fish, Salmonids, Sensitive Resources	Stage at John Wayne Marina and access site by boat. Entrance to bay can be very shallow depending on tides. Strong tidal currents. High winds can cause rough water even in this relatively protected area.	Sector STR-9	163
STR-73	John Wayne Marina Exclusion 48.06471 -123.04022	Exclusion	Boom 400ft	Yes	Onsite John Wayne Marina	Marina, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl	Strong currents in area	Sector STR-9	165
STR-74	Pitship Point 48.06097 -123.04120	Exclusion	Boom 1000ft	Yes	Remote Stage and launch from adjacent John Wayne Marina	Mud Flat(s), Resident Fish, Salmonids, Sensitive Resources, Shellfish, Waterfowl	Mudflat of stream meeting Sequim bay. Jetty around marina is rip rap.	Sector STR-9	167

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-75	W Sequim Bay Road Salt Marsh 48.05927 -123.04554	Exclusion	Boom 100ft	No	Onsite Stage in rental cabin driveway or at nearby John Wayne Marina and walk on beach to site.	Marsh, Resident Fish, Salmonids, Waterfowl	If needed, follow WSDOT safety guidelines for lane closure and flaggers. No shoulder. Narrow connection from Sequim Bay to vegetated salt marsh. Beach is walkable at low tide; potential boat access at high tide.	Sector STR-9	169
STR-76	Schoolhouse Point 48.03558 -123.01853	Exclusion	Boom 1000ft	Yes	Remote Stage and launch from John Wayne Marina	Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shorebirds, Wetlands	Sandy beach with cliffs. Tribal monitor advised for deployment or prior to making adjustments.	Sector STR-9	171
STR-77	Sequim Bay Lagoon 48.02534-122.99734	Exclusion	Boom 300ft	No	OnsiteAt low tide stage onsite; at high tide launch from John Wayne Marina	Crabs, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Tribal Lands/Resources, Wetlands	Coordinate with Jamestown S'Klallam Tribe. Shallow tidal lagoon. Walkable with waders in most tide levels. Sand spit is dry in most conditions.	Sector STR-9	173
STR-78	Travis Spit Lagoons 48.08239 -123.02375	Exclusion	Boom 400ft	Yes	Remote Stage at John Wayne Marina and access site by boat.	Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands	Deep water right up to edge of beach. Access spit beach by boat. Launch from John Wayne Marina.	Sector STR-9	175

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-80	Thompson Spit Beach (Miller Peninsula) 48.09838 -122.94613	Exclusion	Boom 800ft	Yes	Remote Stage and launch from John Wayne Marina	Raptors, Resident Fish, Salmonids, Sensitive Resources, Shellfish, State Park, Waterfowl, Wetlands	Cobble beach is wide at low tide. Start with sorbent if tide is too low to float boom. Connection between pond and Strait will vary, adjust boom and anchor points as needed.	Sector STR-10	177
STR-81	Eagle Creek 48.06573 -122.92742	Exclusion	Boom 600ft	Yes	Remote Stage and launch from Sequim or Gardiner's Bay	Marsh, Resident Fish, Salmonids	Low lying stream and salt marsh in a valley.	Sector STR-11	179
STR-82	Gardiner Beach Estuary 48.05627 -122.91194	Exclusion	Boom 500ft	Yes	Remote Stage and launch at Gardiner Boat Ramp, across street from salt marsh.	Marsh, Resident Fish, Salmonids, State Lands	Sandy beach with driftwood logs. Private property adjacent to WDFW boat launch.	Sector STR-11	181
STR-83	Contractor Point 48.04521-122.87481	Exclusion	Boom 600ft	Yes	RemoteStage and launch from John Wayne Marina	Forage Fish, Historic Register Site, Resident Fish, Salmonids	Shallow mudflats. Stream outflow is at the eastern base of the dock. Property owners have a shellfish company and may have pens, traps, and nets in the tidal zone.	Sector STR-11	183

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-84	Discovery Bay, W bank pocket estuary at Maynard 47.99798 -122.87931	Exclusion	Boom 500ft	Yes	Remote Limited trail access to site. Deploy sorbent until tide is high enough for boat to arrive.	Eelgrass, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	Access from the trail off of Old Gardiner Rd to the N and Maynard Beach parking lot to the S. At low tide, walk across the beach at the northern end of the estuary. Access the southern shore on the trail between the two ponds.	Sector STR-11	185
STR-85	Discovery Bay SW Lagoon 47.99598 -122.88465	Exclusion	Boom 100ft	No	Onsite Stage onsite at road shoulder, or at boat launch if high tide.	Eelgrass, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	Mudflat adjacent. Can be deployed on foot at any tide level, or by boat at high tide.	Sector STR-11	187
STR-86	Discovery Bay at Salmon Creek 47.98902 -122.88931	Exclusion	Boom 100ft	No	Onsite Parking lot across the street or road shoulder bus stop just north on 101	Eelgrass, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands	Use extreme caution on roadway and shoulder.	Sector STR-11	189
STR-90	Beckett Point South 48.07735 -122.88458	Exclusion	Boom 600ft	Yes	Remote Stage and launch from Gardiner or Sequim; also room onsite with permission.	Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Tribal Lands/Resources	Shallow sandy beach in private community.	Sector STR-11	191

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
STR-91	Beckett Point 48.07941-122.88954	Exclusion	Boom 500ft	Yes	OnsiteStage and launch onsite or from Sequim	Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shorebirds, Tribal Lands/Resources, Waterfowl	Cobble beach and private community.	Sector STR-11	193
STR-92	Cape George Marina Beach 48.10280 -122.88567	Exclusion	Boom 1100ft	Yes	Remote Stage and launch from Gardiner. Also room to stage and launch onsite at private marina with permission.	Resident Fish, Salmonids, Sensitive Resources, Shellfish	Sand and gravel beach with large driftwood logs at rack line. Rip-rap at marina entrance.	Sector STR-10	195

Notification Strategy Matrices

Strategy Name	Location	Strategy Type	Resources at Risk	Implementation	Comments	Sector Map	Strategy Details (Page#)
STR-10-N	Hoko Falls Hatchery 48.22773 -124.40654	Notification	Fish Hatchery, Tribal Lands/Resources, Water Intakes	Call the Hoko Falls Hatchery at 360-963-2639 and alert them of any spill or potential spill into the Hoko River or the Straits near the Hoko, Sekiu, Sail, or Pysht Rivers. Also alert them if there is any spill into Rights Creek.	Notify hatchery to monitor their water intakes and prevent fish from being released into a spill	Sector STR-2	199
STR-20-N	Merrill & Ring Timberlands 48.19771 -124.11913	Notification	Water Intakes	Contact 360-477-2588 to advise of spill and that they may wish to shut off their water intake	Keep oil out of drinking water intake	Sector STR-3	201
STR-30-N	House of Salmon Hatchery 48.13369 -123.54897	Notification	Fish Hatchery, Salmonids, Tribal Lands/Resources, Water Intakes	Call the House of Salmon at (360) 565-7270 and alert them of any spill or potential spill to the Elwha River or the Straits near the river.	Notify hatchery to monitor their water intakes and prevent fish from being released into a spill	Sector STR-6	203
STR-31-N	WDFW Elwha Channel Hatchery 48.11653 -123.55021	Notification	Fish Hatchery, Salmonids, State Lands	Call the WDFW hatchery at 360-457-2630 and alert them of the spill or potential spill. Advise they delay or relocate any planned fish releases until water quality improves.	Notify the hatchery to prevent fish releases during a spill	Sector STR-6	205

Strategy Name	Location	Strategy Type	Resources at Risk	Implementation	Comments	Sector Map	Strategy Details (Page#)
STR-40-N	Feiro Marine Life Center 48.12019 -123.42881	Notification	Economic Resources, Water Intakes	Call 909-973-9566 after hours, 360-417-6254 business hours, to have Facilities Director shut off water intake and take steps to protect resources under their control	Keep oil out of aquarium water intake	Sector STR-7	207
STR-60-N	Hurd Creek Hatchery (Dungeness River) 48.11935 -123.14259	Notification	Fish Hatchery, Salmonids, State Lands	Call Hurd Creek emergency line at 360-460-6088 and notify that a spill has occurred. Recommend the hatcheries pause or relocate any planned fish releases until the water quality improves.	Notify hatchery to prevent releasing fish into spill	Sector STR-8	209
STR-61-N	WDFW Dungeness River Hatchery 48.02813 -123.14059	Notification	Fish Hatchery, Salmonids, State Lands	Call Dungeness emergency line at 360-460-6084 and notify that a spill has occurred. Recommend the hatcheries pause or relocate any fish releases.	Notify hatchery to prevent releasing fish into spill	Sector STR-9	211
STR-70-N	Pacific Northwest National Lab - Sequim 48.07740 -123.04598	Notification	Federal Lands, Water Intakes	Call PNNL Security at 509-375-2400 so that they will contact local facility manager to monitor or shut off their water intake	Keep oil out of water intake	Sector STR-9	213

Staging Area Matrices

Name	Location	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
SA-STR-163	Big Salmon Fishing Resort/Makah Tribe	48.36607 -124.61248	1251 Bayview Ave Neah Bay, WA 98357	Makah Tribal Police 360-645-2701 Big Salmon Resort Property Owner 360-645-2374	STR-03	Resort leased April-Sept by Big Salmon Resort, Makah Tribe owns and manages the rest of the year	Sector STR-1	217
SA-STR-187	Mason's Olson Resort	48.26554 -124.29940	461 Front St. Sekiu, WA 98381	Olson's Marina Facility Owner Sekiu, WA 360-963-2311	STR-20	full service marina with lodgings	Sector STR-3	219
SA-STR-207	Pillar Point County Park	48.19906 -124.10019	Pillar Point Rd. Clallam Bay, WA 98326	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-22	Staging area has a large parking lot	Sector STR-3	221
SA-STR-224	Freshwater Bay County Park	48.14630 -123.64169	2300 Freshwater Bay Rd. Port Angeles, WA 98363	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-35	County Park with multiple parking lots and covered picnic areas.	Sector STR-6	223
SA-STR-225	Cline Spit County Park	48.15162 -123.15162	199 Cline Spit Rd. Sequim, WA 98382	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-60	Small paved parking area, vault toilet.	Sector STR-8	225

Name	Location	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
SA-STR-226	Dungeness Boat Launch Ramp	48.15155 -123.14481	298 Oyster House Rd. Sequim, WA 98382	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-65, STR-63, STR-62, STR-55	Popular county park with large paved parking and flush restrooms	Sector STR-8	227
SA-STR-235	Boat Haven West Ramp (Port Angeles)	48.12775 -123.45722	1305 Marine Dr. Port Angeles, WA 98363	Port of Port Angeles Harbormaster Port Angeles, WA 360-457-4505	STR-45, STR-41, STR-42	Public marina with full services.	Sector STR-6	229
SA-STR-264	John Wayne Marina	48.06431 -123.04125	2577 W Sequim Bay Rd. Sequim, WA 98382	John Wayne Marina Harbormaster Sequim, WA 360-417-3440	PRI-1, PRI-2, PRI-3, PRI-4, STR-71, STR-72, STR-74, STR-76, STR-78, STR-80, STR-81, STR-83,	Large marina with fuel, bathrooms, parking	Sector STR-9	231
SA-STR-267	Gardiner Boat Launch	48.05715 -122.91707	782 Gardiner Beach Rd. Sequim, WA 98382	Port of Port Townsend Property Managers Port Townsend, WA 98368 360-385-0656	STR-82, STR-84, STR-90, STR-92	Large gravel parking area with a boat ramp on Discovery Bay	Sector STR-11	233

Boat Launch Matrices

Strategy Name	Name	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
BL-STR-163	Big Salmon Fishing Resort/Makah Tribe	48.36607 -124.61248	1251 Bayview Ave Neah Bay, WA 98357	Makah Tribal Police 360-645-2701 Big Salmon Resort Property Owner 360-645-2374	STR-03, STR-02	Double ramp with two docks and slip space. Gravel lot on site, additional paved parking nearby.	Sector STR-1	237
BL-STR-187	Mason's Olson Resort	48.26554 -124.29940	461 Front St. Sekiu, WA 98381	Olson's Marina Facility Owner Sekiu, WA 360-963-2311	STR-20	4 launch ramps 9 floating docks	Sector STR-3	239
BL-STR-207	Pillar Point County Park	48.19906 -124.10019	Pillar Point Rd. Clallam Bay, WA 98326	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-21	Only launch at high tide with smaller, shallow drafted vessels of less than 18 feet	Sector STR-3	241
BL-STR-224	Freshwater Bay County Park	48.14630 -123.64169	2300 Freshwater Bay Rd. Port Angeles, WA 98363	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-35	Only launch mid-high tide in smaller craft (~17 ft), more bathrooms and picnic shelters up in the park	Sector STR-6	243
BL-STR-225	Cline Spit County Park	48.15162 -123.15162	199 Cline Spit Rd. Sequim, WA 98382	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-62, STR-60	Launch up to 17' boat at all times, small staging area	Sector STR-8	245

Strategy Name	Name	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
BL-STR-226	Dungeness Boat Launch Ramp	48.15155 -123.14481	298 Oyster House Rd. Sequim, WA 98382	Clallam County Parks, Fair & Facilities Department Land Manager 360-417-2291	STR-65, STR-55	Launch mid-high tide ONLY. Mud at low tide.	Sector STR-8	247
BL-STR-235	Boat Haven West Ramp (Port Angeles)	48.12775 -123.45722	1305 Marine Dr. Port Angeles, WA 98363	Port of Port Angeles Harbormaster Port Angeles, WA 360-457-4505	STR-45, STR-41, STR-43, STR-42, STR-46	Large boat ramp with seasonal floats.	Sector STR-6	249
BL-STR-264	John Wayne Marina	48.06431 -123.04125	2577 W Sequim Bay Rd. Sequim, WA 98382	John Wayne Marina Harbormaster Sequim, WA 360-417-3440	STR-77, STR-78, PRI-1, PRI-2, STR-71, STR-83, STR-80, STR-76, STR-72, STR-73, STR-74, PRI-3, PRI-4, STR-75, STR-81	Double concrete ramps, protected harbor	Sector STR-9	251
BL-STR-267	Gardiner Boat Launch	48.05715 -122.91707	782 Gardiner Beach Rd. Sequim, WA 98382	Port of Port Townsend Property Managers Port Townsend, WA 98368 360-385-0656	STR-82, STR-84, STR-90, STR-92	single solid concrete ramp	Sector STR-11	253

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APPENDIX A

Response Strategy 2-Pagers

Protection Island Beach East — PRI-1

Position - Location:	48° 7.589', -122° 55.070'	48° 7' 35.3", -122° 55' 4.2"	48.12648, -122.91784	Sequim

Strategy Objective: Exclusion : Keep oil off the beach east of the marina entrance

Implementation: Using workboat, secure 1000 ft of boom to eastern side of harbor entrance, at A. Extend east as far as possible and secure to shore at C. Extend midpoint into chevron at B. Use additional anchors and adjust boom length as needed for conditions.

Staging Area: Remote: Stage and launch from John Wayne Marina

Site Safety: Rip-rap; Marine Mammals; Strong Currents; Water Hazard; Slips, Trips, Falls

Field Notes: Rip rap and sandy beach. Seasonally strong waves and currents may require a shorter strategy to be effective. This section of beach is often used by harbor seals and other mammals and birds.

Watercourse: Straits of Juan de Fuca - Protection Island

Resources at Risk: Federal Lands, Marine Mammals, Resident Fish, Salmonids, Shorebirds, Waterfowl, Wildlife Refuge



Recommended Equipment

4		Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Protection Island Beach East PRI-1



PRI-1 Photo: From harbor entrance looking NE. Seals are visible on the beach.



Site Contact

Dungeness National Wildlife Refuge (USFWS)
Primary Contact :
360-460-5407

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina 2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Protection Island Harbor PRI-2

Position - Location:	48° 7.547', -122° 55.226'	48° 7' 32.8", -122° 55' 13.6"	48.12579, -122.92044	Sequim

Strategy Objective: Exclusion : Keep oil out of the harbor

Implementation: Using workboat, secure 300 ft of boom across the entrance to the harbor between A and C. Secure to rip-rap and then anchor midpoint at B to create chevron. Adjust as needed for conditions.

Staging Area: Remote: Stage and launch from John Wayne Marina in Sequim

Site Safety: Water Hazard; Rip Rap; Rough Waves; Marine Mammals; Slips, Trips, Falls

Field Notes: Rip-rap at harbor entrance

Watercourse: Straits of Juan de Fuca - Protection Island

Resources at Risk: Federal Lands, Marine Birds, Resident Fish, Salmonids, Shellfish, Waterfowl, Wildlife Refuge



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Protection Island Harbor PRI-2



PRI-2 Photo: From at boat looking N at harbor entrance. Taken in calm water.



Site Contact

Dungeness National Wildlife Refuge (USFWS)
Pre-Notification Required :

360-460-5407

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina 2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Protection Island Beach West PRI-3

Position - Location:	48° 7.525', -122° 55.381'	48° 7' 31.5", -122° 55' 22.9"	48.12541, -122.92302	Sequim

Strategy Objective: Exclusion : Keep oil off the shoreline west of the marina entrance

Implementation: Using workboat, secure 800 ft of boom to breakwater at marina entrance at A, and extend west to the shore in front of the small building at the base of the cliff, at C. Pull the midpoint into a chevron and anchor at B. Adjust or shorten boom length as needed for conditions.

Staging Area: Remote: Stage and launch from John Wayne Marina

Site Safety: Water Hazard; Slips, Trips, Falls

Field Notes: Consult with USFWS if possible before deploying.

Watercourse: Straits of Juan de Fuca - Protection Island

Resources at Risk: Federal Lands, Marine Birds, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wildlife Refuge



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
800	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Protection Island Beach West PRI-3



PRI-3 Photo: From a boat near the marina entrance, looking NW. Taken in calm water.



Site Contact

Dungeness National Wildlife Refuge (USFWS)
Pre-Notification Required :
360-460-5407

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina 2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Protection Island Landslide PRI-4

Position - Location:	48° 7.337', -122° 56.612'	48° 7' 20.2", -122° 56' 36.7"	48.12229, -122.94354	Sequim

Strategy Objective: Exclusion : Keep oil off the shoreline near the landslide on Protection Island

Implementation: Using workboat, secure 300 ft of boom to shore at base of cliff, at A. Extend NE along shoreline and secure to shore at C. Anchor midpoint into chevron at B. Avoid the area of the landslide where possible. In rough waves, land on the south shore and walk boom across sand spit to site.

Staging Area: Remote: Stage and launch from John Wayne Marina

Site Safety: Water Hazard; Landslide; High Waves; Animals

Field Notes: Consult with USFWS before approaching Protection Island. If adjustments are needed consult with DAHP or Tribe Cultural Resources first.

Watercourse: Straits of Juan de Fuca - Protection Island

Resources at Risk: Federal Lands, Marine Birds, Resident Fish, Salmonids, Sensitive Resources, Waterfowl



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Protection Island Landslide PRI-4



PRI-4 Photo: From boat NW of Protection Island, looking at the portion of the shoreline and cliff base to be boomed off. Taken in calm spring weather.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Dungeness National Wildlife Refuge (USFWS)
Land/Property Contact :
360-460-5407

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina 2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Village Creek — STR-01

Position - Location:	48° 22.136', -124° 37.504'	48° 22' 8.1", -124° 37' 30.2"	48.36893, -124.62506	Neah Bay

Strategy Objective: Exclusion : Keep oil out of Village Creek

Implementation: From land, secure 100 ft of boom across the creek below the culvert, at A, and extend at an angle across to B, to keep oil from entering the culvert at high tide. Secure with anchors and adjust for conditions.

Staging Area: Onsite: Stage at the parking adjacent to the creek or at the crab house

Site Safety: Traffic Hazard; Rip-Rap; Water Hazard; Unstable Pilings; Slips, Trips, Falls

Field Notes: Notify Makah Nation before arrival on reservation. Shallow natural slopes. Culvert is above water line for most of tide cycle.

Watercourse: Creek - Neah Bay

Resources at Risk: Resident Fish, Salmonids, Tribal Lands/Resources



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Each	Boom - B2 (18" to 42")

Recommended Personnel

1	Laborer
1	Supervisor

Village Creek STR-01



STR-01 Photo: Looking south at the Village Creek culvert, from the parking in front of the DIAH Veterans Park. Taken at low tide in spring water.



Site Contact

Makah Tribal Police
Pre-Notification Required :
360-645-2701

Makah Tribe Cultural Resources
Tribal Contact :
360 645-2711

Nearest Address

182 Bayview Ave
Neah Bay, WA 98357

Driving Directions

1. Take Highway 112 West to Neah Bay
2. Enter the Makah Reservation
3. Follow Bayview Ave through town to the far end of the Bay.
4. Before the main route begins to curve south, turn right at the DIAH Veterans Park to stay on Bayview Ave.
5. Strategy location and parking are immediately to the right off Bayview.

Makah Tribal Marina — STR-02

Position - Location:	48° 22.099', -124° 36.527'	48° 22' 6.0", -124° 36' 31.6"	48.36832, -124.60879	Neah Bay

Strategy Objective:	Exclusion : Keep oil out of the shallows behind the marina
Implementation:	Using workboat, secure 400 ft of boom to SE dock piling, at A. Bring boom NE to breakwater and anchor in rip-rap, at B. Anchor a separate 100 ft of boom to end of breakwater to close off channel that connects at high tide, between C and D. Using boat or walking line down ramp, secure a third 200 ft of boom under the marina walkway from E to F, using a piling bridle and shoreside anchor, to prevent oil from traveling under ramp into the backwater. Adjust anchors and boom as needed for conditions.
Staging Area:	Onsite: Stage and launch onsite at Makah Tribal Marina aka Big Salmon Resort
Site Safety:	Water Hazard; Rip Rap; Marina Traffic; Slips, Trips, Falls
Field Notes:	Notify Makah Police before entering reservation. Shallow tideflat behind marina.
Watercourse:	Bay - Neah Bay
Resources at Risk:	Crabs, Recreational Use Area, Resident Fish, Salmonids, Shellfish, Tribal Lands/Resources



Recommended Equipment

4	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (18" to 42")
2	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Makah Tribal Marina STR-02



STR-02 Photo: From A at dock looking east at the breakwater and B. Taken at low tide.



Site Contact

Makah Tribal Police
Pre-Notification Required :
360-645-2701

Big Salmon Resort
Land/Property Contact : Property Owner
360-645-2374

Nearest Address

1251 Bayview Ave
Neah Bay, WA 98357

Driving Directions

1. Start at WA-112 Sekiu
2. Take WA-112 west to Neah Bay and enter the Makah Reservation. Call Tribal Police before entering.
3. Tribal Marina is on the right just past the Warmhouse Restaurant.
4. Finish at 1251 Bayview Ave, 98357, on the right

Sail River — STR-03

Position - Location:	48° 21.622', -124° 33.350'	48° 21' 37.3", -124° 33' 21.0"	48.36037, -124.55584	Neah Bay

Strategy Objective: Exclusion : Keep oil out of the river mouth and cove.

Implementation: Using workboat, secure 300 ft boom at entrance to the small inlet at the mouth of the cove. Pull boom across entrance and secure to other side. Pull center of boom east and anchor or use piling to create a chevron. Adjust boom and anchor locations as needed for conditions. Where possible, use existing features to secure boom rather than disturbing soil.

Staging Area: Remote: Stage and launch from Neah Bay

Site Safety: Boulders; Steep Slope; Water Hazard; Submerged Rocks; Pilings; Slips, Trips, Falls

Field Notes: Notify Makah before arrival. Onsite staging and land access if needed, has a grassy area for truck and small trailer. Shallow tidal cove with subsurface rocks and visible pilings.

Watercourse: Cove - Sail River tidal cove at Straits

Resources at Risk: Resident Fish, Salmonids, Shellfish, Tribal Lands/Resources, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Sail River STR-03



STR-03 Photo: View of the mouth of the Sail River taken from the east bank looking to the NW



Site Contact

Makah Tribal Police
Pre-Notification Required :
360-645-2701

Makah Tribe Cultural Resources
Tribal Contact :
360 645-2711

Nearest Address

1251 Bayview Ave Dirt Road Posted near point
Neah Bay, WA 98357

Driving Directions

DIRECTIONS TO BOAT LAUNCH:
1. Start at Clallam Bay, WA
2. Go southwest on Frontier St toward WA-112
3. Bear right on WA-112 (Highway 112)
4. Enter Makah Reservation.
5. Three miles past entrance to Reservation, pass the marina and buildings.
6. Turn right at the large red sign for "Big Salmon Launching". 1251 Bayview Ave, 98357.

DIRECTIONS TO SITE at 4263 Bayview Ave:
1. Start at Clallam Bay, WA
2. Go southwest on Frontier St toward WA-112
3. Bear right on WA-112 (Highway 112)
4. Enter Makah Reservation
5. 1/4 mile past sign for reservation entrance, take first sharp right down hairpin turn. Follow small access road NW to private property and Sail River cove.

Snow Creek — STR-04

Position - Location:	48° 21.220', -124° 32.779'	48° 21' 13.2", -124° 32' 46.8"	48.35366, -124.54632	Sekiu

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

Implementation: Secure 100 feet of boom to creek right at B, then use waders or line to cross boom over and secure remaining end to creek left at A. Use existing structures, trees, or boulders to secure boom; avoid driving stakes if possible. Keep boom as close to high tide mark as possible; do not move further upstream.

Staging Area: Onsite: Stage onsite in paved area. Property owned by WDFW but is adjacent to Makah Reservation.

Site Safety: Slips, trips, falls; water hazard; boulders/rip-rap; condemned buildings.

Field Notes: Notify Makah before arrival. Keep vehicles on paved surfaces. Minimize ground disturbance when possible. Access from Highway 112, Mile Post 0.7. Tidal creek with large boulders on both banks. Boom may only sit on sand for 30-40 feet.

Watercourse: Creek - Snow Creek

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



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")

Recommended Personnel

2	Laborer
1	Supervisor

Snow Creek STR-04



STR-04 Photo: Snow Creek, taken in summer water near low tide (~2ft)



Site Contact

WDFW Coastal - Region 6
Primary Contact :
360-249-4628

Makah Tribe Cultural Resources
Tribal Contact :
360 645-2711

Nearest Address

1175 WA-112 Side road near here.
Sekiu, WA 98381

Driving Directions

1. Start at Clallam Bay, WA
2. Go southwest on Frontier St toward WA-112
3. Bear right on WA-112 (Highway 112)
4. Turn right into Snow Creek Fishing Access

Bullman Creek STR-10

Position - Location:	48° 20.910', -124° 31.898'	48° 20' 54.6", -124° 31' 53.9"	48.34850, -124.53164	Sekiu

Strategy Objective: Exclusion : Keep oil out of the creek mouth.

Implementation: Secure 100 ft of boom to creek right at A, near bridge. Use line or waders to pull boom across creek and secure downstream on creek left at B, at as steep an angle as conditions allow. Adjust boom and anchor locations as needed for conditions. Where possible, use existing features to secure boom rather than disturbing soil.

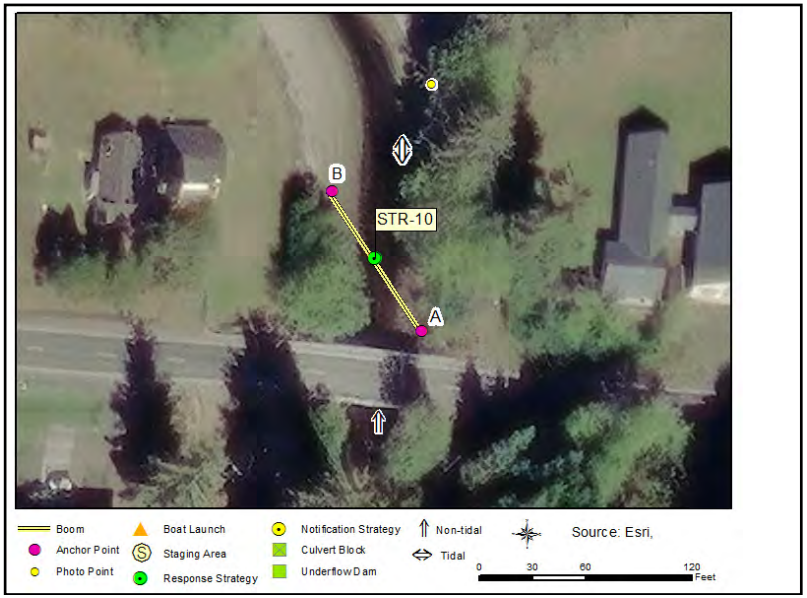
Staging Area: Onsite: Stage and deploy onsite from vehicle.

Site Safety: Traffic Hazard; Steep Slopes; Water Hazard; Vegetation; Slips, Trips, Falls

Field Notes: Use WSDOT flagging guidelines to close westbound lane for safety. Gated driveways on both sides of bridge. Consult residents for parking and shore access during deployment.

Watercourse: Creek - with tidal influence, high water in winter

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



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
200	Feet	Line - 1/2" poly line
1	Each	Machete(s) - (or other vegetation cutting tool)
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Bullman Creek STR-10



STR-10 Photo: Mouth of Bullman Creek from the east (right) bank looking NNW. Summer water, low tide.



Site Contact

Clallam County Emergency Operations Center
Emergency Contact : 24/7 Dispatch pager

WA
360-417-2459

Nearest Address

1601 Hwy 112
Sekiu, WA 98381

Driving Directions

1. Start at Clallam Bay, WA
2. Go southwest on Frontier St toward WA-112
3. Bear right on WA-112 (Highway 112)
4. Finish at 1601 Hwy 112, 98381, on the right

Rasmussen Creek STR-11

Position - Location:	48° 19.913', -124° 29.420'	48° 19' 54.8", -124° 29' 25.2"	48.33188, -124.49033	Sekiu

Strategy Objective: Exclusion : Keep oil out of Rasmussen Creek

Implementation: Using bridge or waders and line, secure 100 ft of boom across creek at a steep angle. Adjust as needed for conditions.

Staging Area: Onsite: Room onsite for 3-4 vehicles or boom trailer.

Site Safety: Water hazard; Traffic Hazard; Vegetation and Debris; Slips, Trips, Falls

Field Notes: Vehicle access from Highway 112, Mile Post 3.9. Large sandy turnout on west side of Hwy bridge, gentle grade, easy foot access. If tide or creek is running high, use flaggers and bridge to pull line across creek.

Watercourse: Creek - small tidal creek, high flow in winter

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



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
100	Feet	Line - 1/2" poly line

Recommended Personnel

2	Laborer
1	Supervisor

Rasmussen Creek STR-11



STR-11 Photo: From beach looking SE at WA-112 over Rasmussen Creek. Summer water, low tide.



Site Contact

Washington Department of Natural Resources
Land/Property Owner : Aquatics Division - Oil Spill Response
360-902-1064

Clallam County Emergency Operations Center
Emergency Contact : 24/7 Dispatch pager
360-417-2459

Nearest Address

6850 HWY 112
Sekiu, WA 98381

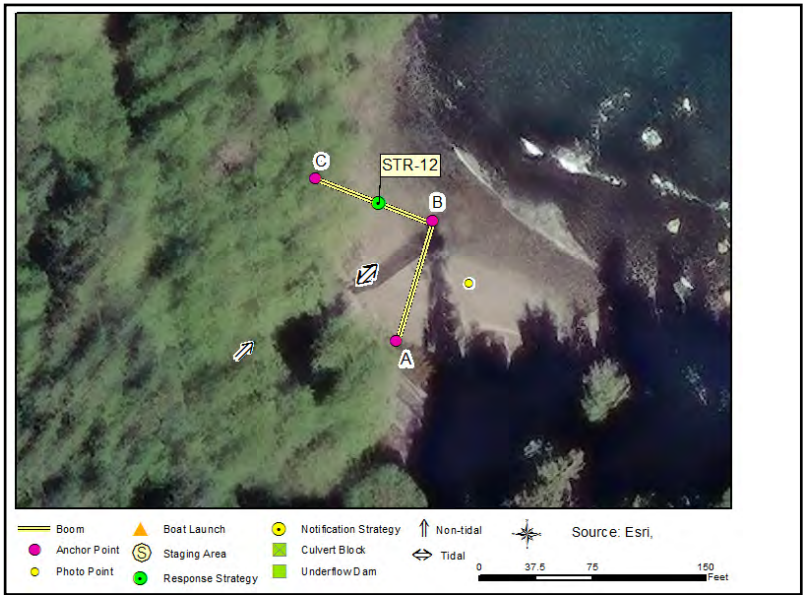
Driving Directions

1. Start at Clallam Bay, WA
2. Take WA-112 west towards Neah Bay
3. Continue about 12 miles
4. Just past mile marker 4, there is a pull-off on the right just past the guard rail. Room for several vehicles 3 feet above the beach.

Jansen Creek — STR-12

Position - Location:	48° 19.435', -124° 28.174'	48° 19' 26.1", -124° 28' 10.4"	48.32391, -124.46956	Sekiu

Strategy Objective:	Exclusion : Keep oil out of Jansen Creek
Implementation:	At low flow or low tide, use waders to pull 100 feet of boom at an angle or chevron across downstream side of bridge from A to C and secure using existing features or anchoring systems. At high water, close westbound lane using flaggers and use line to pull 200 ft of boom across downstream side of the bridge and secure. Set chevron anchor at low tide at B if safe to do so. Adjust boom and anchors as needed for conditions.
Staging Area:	Onsite: Road shoulder parking for 4-5 vehicles. Large beach at low tide. Easy slopes.
Site Safety:	Traffic Hazard; Water Hazard; Low Bridge; Vegetation; Marine Debris; Submerged Rocks; Slips, Trips, Falls
Field Notes:	Easy slope to beach. Vehicle access from Highway 112, Mile Post 5.1. Pull out on East side of bridge. May have overnight campers in RV. Private driveways across WA-112.
Watercourse:	Creek - flow highly variable, high flood tide reaches top of bridge.
Resources at Risk:	Resident Fish, Salmonids, Shellfish, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (18" to 42")
250	Feet	Line - 3/8” poly line
1	Each	Waders

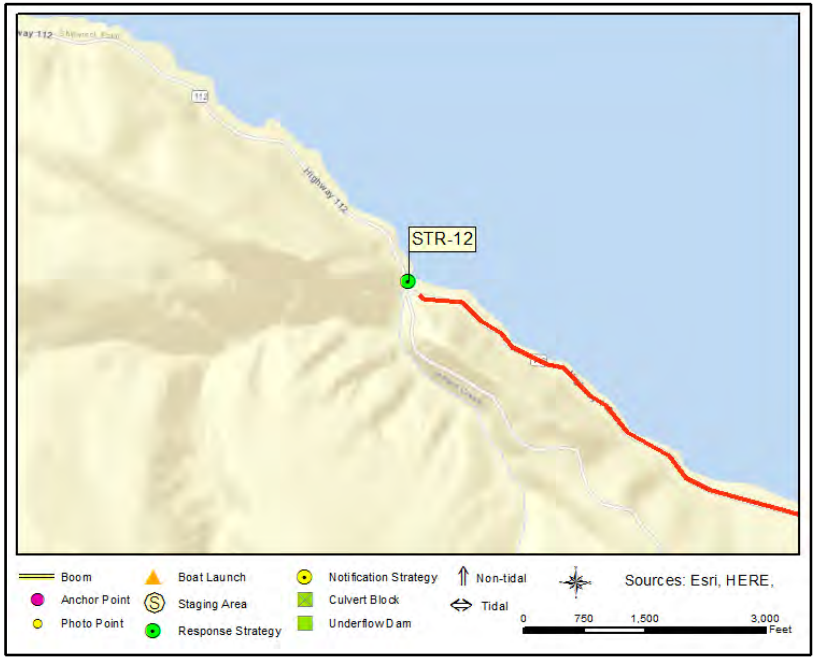
Recommended Personnel

2	Laborer
1	Supervisor

Jansen Creek STR-12



STR-12 Photo: Jansen Creek right, looking upstream at new bridge. Taken at low summer water.



Site Contact

Washington Department of Natural Resources
Land/Property Owner : Aquatics Division - Oil Spill Response

Olympia, WA
360-902-1064

Nearest Address

6850 SR 112
Sekiu, WA 98381

Driving Directions

1. Start at Clallam Bay, WA
2. Take WA-112 West towards Neah Bay
3. Site is about 11 miles west of Clallam Bay
4. Between mile marker 6 and 5, on the right is a shoulder pullout next to the beach, before a bridge. Holds 4 or 5 vehicles, may have RVs using it.

Olsen Creek — STR-13

Position - Location:	48° 18.364', -124° 26.081'	48° 18' 21.9", -124° 26' 4.9"	48.30607, -124.43469	Sekiu

Strategy Objective: Exclusion : Keep oil out of Olsen Creek

Implementation: At low water, use waders to pull 100 feet of boom at an angle across downstream side of bridge from B and secure at A. At high water, close westbound lane using flaggers and use line to pull boom across downstream side of the bridge, then walk towards the beach to clear vegetation. Secure to existing features or set anchors. Adjust boom and anchors as needed for conditions.

Staging Area: Onsite: Limited room onsite in front yard of house.

Site Safety: Traffic Hazard; Water Hazard; Low Overhead Wires; Low Bridge; Vegetation; Marine Debris; Steep Banks; Slips, Trips, Falls

Field Notes: Easy slope to beach from private front yard on west bank. Steeper east bank may need to gain access via road at high water. Clallam County EOC can help gain access to private property if needed.

Watercourse: Creek - Summer extreme low flow; high tide pushes past bridge.

Resources at Risk: Resident Fish, Salmonids, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
100	Feet	Line - 1/2" poly line
1	Each	Machete(s) - (or other vegetation cutting tool)
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Olsen Creek STR-13



STR-13 Photo: Olsen Creek looking east from private yard.



Site Contact

Clallam County Emergency Operations Center
Emergency Contact : 24/7 Dispatch pager
360-417-2459

Washington Department of Natural Resources
Alternate Contact : Aquatics Division - Oil Spill Response
360-902-1064

Nearest Address

7331 Hwy 112
Sekiu, WA 98381

Driving Directions

1. Start at Clallam Bay
2. Go west on WA-112 (Highway 112) towards Chito Beach Resort
3. A quarter mile past Chito Beach resort and Ray's Grocery gas station, turn right into the private driveway of cottage at 7331 Hwy 112, just west of the bridge.

Sekiu River — STR-14

Position - Location:	48° 17.244', -124° 23.749'	48° 17' 14.6", -124° 23' 45.0"	48.28740, -124.39582	Sekiu

Strategy Objective: Exclusion : Keep oil out of river

Implementation: Secure 300ft of boom to shore on river left, south of bridge at A. In high water, use line and bridge to walk boom across river and secure line to river right at B. At low water, use line and waders to walk north under bridge and cross the river. Secure on river right at trees. Adjust angle and placement for conditions and safety. Whenever possible, use existing features for anchoring rather than disturbing soil.

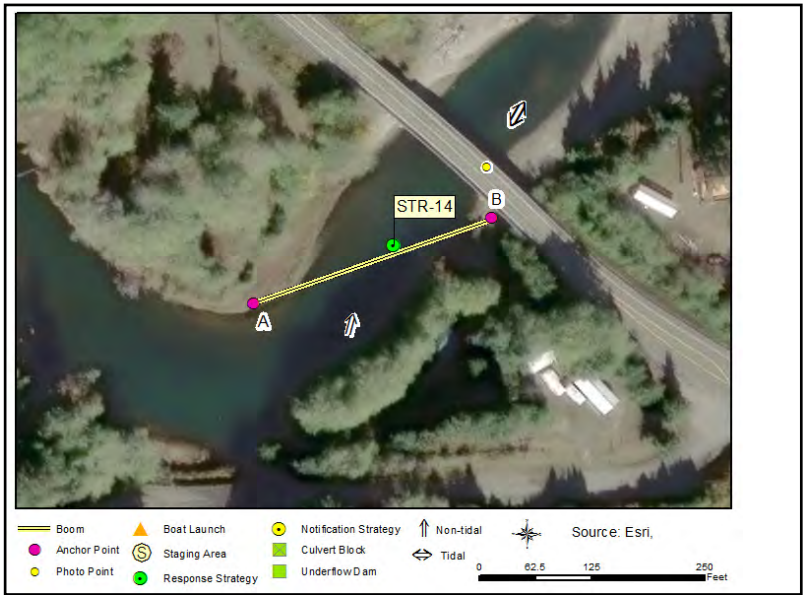
Staging Area: Onsite: Stage onsite on SW side of bridge at private pull-off.

Site Safety: Traffic hazard; Water hazard; Private property; Steep slopes; Slips, Trips, Falls

Field Notes: At high water use extreme caution near bridge due to strong tidal pull. If bridge is used for deployment, follow WSDOT policy for flaggers and lane closure. Consult with Makah Tribe before disturbing soil.

Watercourse: River - With Tidal Influence - Highly variable flow, strong tidal influence

Resources at Risk: Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Tribal Lands/Resources, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
200	Feet	Line - 3/8" poly line
1	Each	Waders

Recommended Personnel

3	Laborer
1	Supervisor

Sekiu River STR-14



STR-14 Photo: Sekiu River left, looking north under Highway 112 bridge. Low water low tide.



Site Contact

Makah Tribe Cultural Resources
Pre-Notification Required :
360 645-2711

Clallam County Emergency Operations Center
Alternate Contact : 24/7 Dispatch pager
360-417-2459

Nearest Address

9881 HWY 112
Sekiu, WA 98381

Driving Directions

1. Start at Clallam Bay, WA
2. Take Highway 112 West towards Sekiu River Road
3. Just past mile marker 10, pass over the Sekiu River bridge and turn left onto unmarked gravel hairpin turn.
4. Stage on SW bank. Keep vehicles on paved or disturbed areas only.

Hoko River — STR-15

Position - Location:	48° 17.158', -124° 21.863'	48° 17' 9.5", -124° 21' 51.8"	48.28597, -124.36438	Sekiu

Strategy Objective: Exclusion : Keep oil out of the river and estuary

Implementation: Handlaunch off Vista Lane onto side channel and float equipment east to main stem of river. Secure 500 ft of boom on river left, at A. Pull boom down and across river and secure other end to river right, at B. Adjust placement as needed for conditions and river alignment. If waves are light, could deliver boom and personnel from the Strait.

Staging Area: Onsite: Stage and launch from Vista Lane.

Site Safety: Sneaker waves; water hazard; vegetation and large debris; shallow side channel; slips, trips, falls; rocks offshore

Field Notes: Flat area with road access near end of Vista Lane. State Park property. Side channel and main channel may have changed shape or depth.

Watercourse: River - With Tidal Influence - mouth moves frequently, side channel connects intermittently.

Resources at Risk: Historic Register Site, Marine Birds, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, State Park, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B2 (18" to 42")
200	Feet	Line - 1/2" poly line
1	Each	Waders
1	Each	Workboat(s) - (hand-launch)

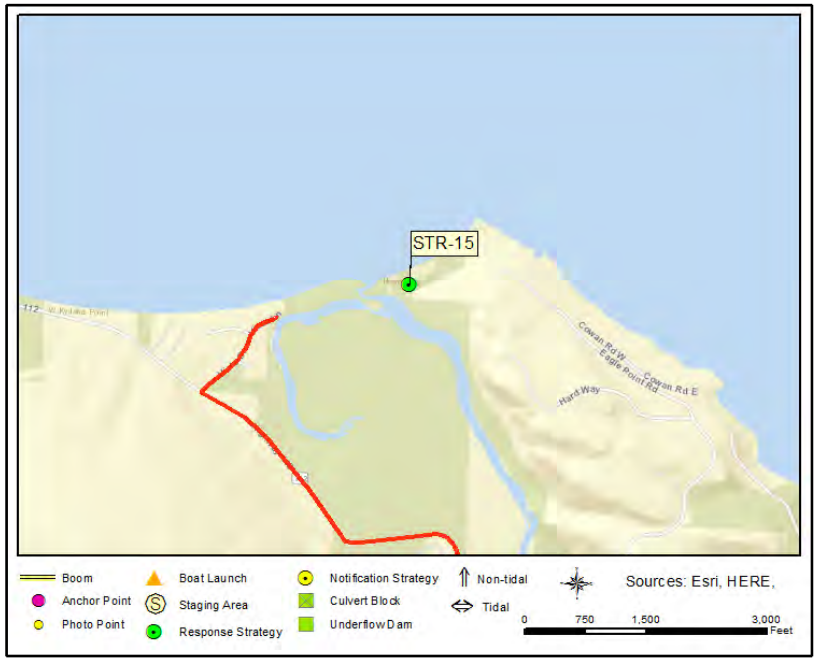
Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Hoko River STR-15



STR-15 Photo: From sandbar between Hoko and the Strait, looking south across the river. Side channel is on the right at the fallen tree. Taken April 2023.



Site Contact

Makah Tribe Cultural Resources
Tribal Contact :
360 645-2711

Washington State Parks and Recreation Commission
Land/Property Owner : General Number
360-902-8844

Nearest Address

97 Vista Ln.
Sekiu, WA 98381

Driving Directions

1. Start at Clallam Bay, WA
2. Go southwest on Frontier St toward WA-112
3. Bear right on WA-112 (Highway 112)
4. Make sharp right on Vista Dr
5. Bear right on Vista Ln
6. Finish at small pull-off with state park sign, on the right

Clallam River — STR-20

Position - Location:	48° 15.353', -124° 15.709'	48° 15' 21.2", -124° 15' 42.5"	48.25588, -124.26181	Clallam Bay

Strategy Objective: Exclusion : Keep oil from entering Clallam River or estuary

Implementation: Deploy boom in a chevron formation, to keep oil out of the river mouth and the channel behind the sand spit. The position of the river mouth is variable and can be anywhere along the sand spit. Connection may only exist at high tide so re-evaluate and adjust throughout the day. May require 2-3 chevrons if there are multiple connections to channel.

Staging Area: Onsite: Launch from Sekiu. Ped access, parking and restrooms onsite at County Park.

Site Safety: Water hazard; Unstable channel; Public Park; Slips, Trips, Falls

Field Notes: Frequent changes. Connection between bay and river may be blocked, open, or exist only during high tide. May be multiple active connections and seeps, or none. Evaluate and adjust for conditions.

Watercourse: River - With Tidal Influence - mouth moves seasonally, mud, sand, gravel

Resources at Risk: County Park, Crabs, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
4	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

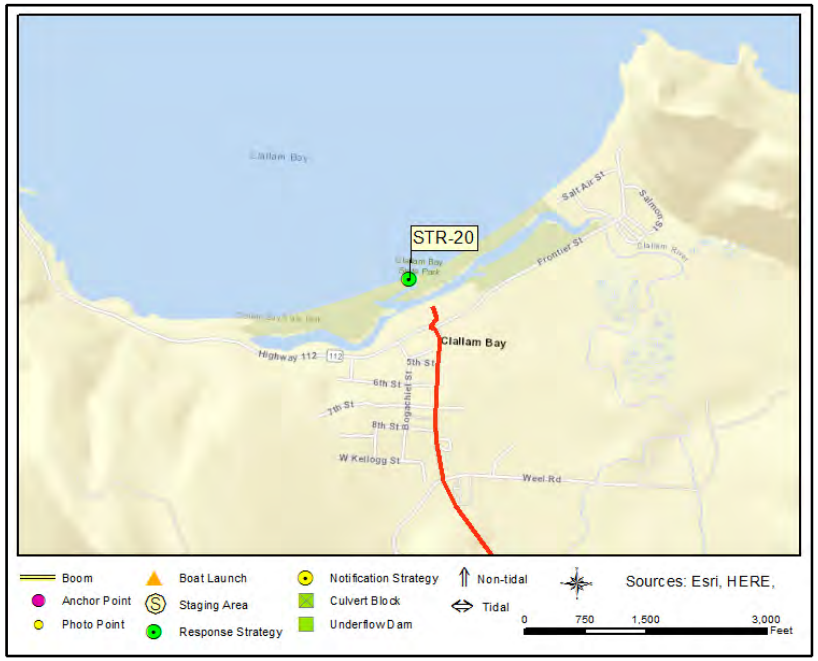
Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Clallam River STR-20



STR-20 Photo: Eastern half of channel from pedestrian bridge, taken 7/26/21.



Site Contact

Clallam County Parks, Fair & Facilities Department
Land/Property Contact : Land Manager

360-417-2291

Nearest Address

16775 W HWY 112 near address
Clallam Bay, WA 98326

Driving Directions

1. Start at 243295 US-101 Port Angeles
2. Go west on US-101 (Pacific Coast Scenic Bywy) toward Laird Rd (0.6 miles)
3. Turn right on WA-112 (Strait of Juan de Fuca Hwy-Sr 112) (38.22 miles)
4. At the stop sign, turn right on WA-112 (Strait of Juan de Fuca Hwy-Sr 112) (6.29 miles)
5. Take the right after Frontier Street, brown sign for Clallam Bay Community Beach Entrance.
6. Finish at 16775 W HWY 112, 98326, in the parking lot by the restrooms. Use pedestrian bridge to get overview of channel. If connected, there is beach access from here.

...
For additional beach access, continue West on WA-112 for half a mile. Take the hairpin right turn onto dirt road, to dirt parking and pedestrian beach access.

Pysht River — STR-21

Position - Location:	48° 12.474', -124° 6.492'	48° 12' 28.4", -124° 6' 29.5"	48.20790, -124.10820	Clallam Bay

Strategy Objective: Collection : Prevent oil from entering Pysht River estuary

Implementation: Trailer skiff to site and handlaunch from river left. Anchor 1100 ft boom near A on river left. Use skiff to pull boom across river and downstream, anchoring downstream of side channel at B. Secure additional 100 ft of boom between B and C across side channel on river right. Collect any oil that accumulates at A during high tide. Use additional anchors and adjust boom as needed for conditions.

Staging Area: Onsite: Private dirt timber road. Handlaunch skiff and pull boom off bank. Pillar Point at high tide..

Site Safety: Water Hazard; Submerged Logs and Debris; Shallow Mud; Insects; Steep Slopes; Timber Traffic; Slips, Trips, Falls

Field Notes: Call Merrill + Ring before arrival. Private timberland with dirt/gravel logging roads. Caretaker lives near site.

Watercourse: River - With Tidal Influence - river is low in summer, high in winter, very shallow tideflats at mouth

Resources at Risk: Crabs, Forage Fish, Marine Birds, Raptors, Resident Fish, Salmonids, Sensitive Resources Nearby, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

3	Each	Anchoring System(s)- Shoreside
1200	Feet	Boom - B2 (18" to 42")
100	Feet	Line - 1/2" poly line
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - (hand-launch)

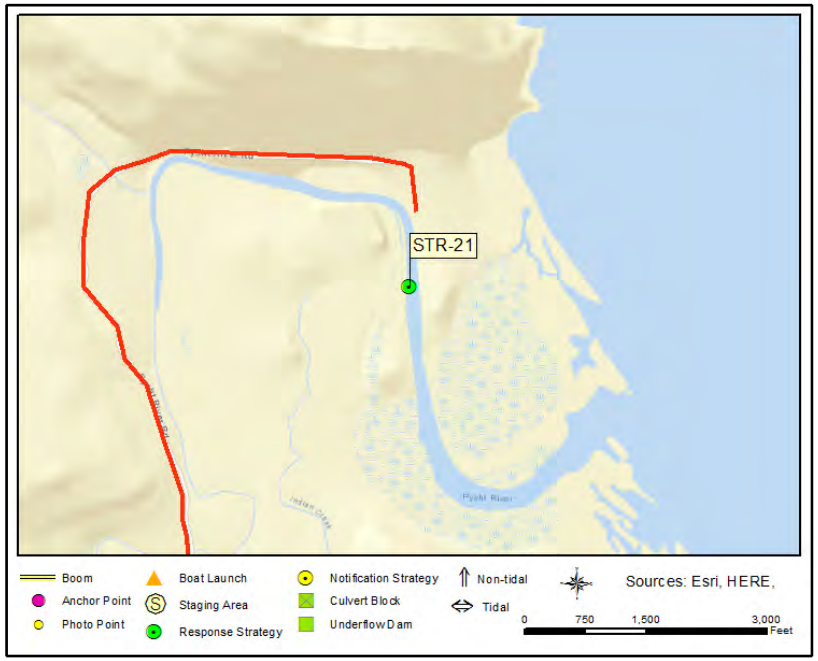
Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Pysht River STR-21



STR-21 Photo: Pshyt River from end of access road looking south. Side channel visible across river by pilings. Taken at low summer water.



Site Contact

Merrill and Ring Pysht Tree Farm
Land/Property Owner : Operations Manager

Port Angeles, WA 98362
360-477-2588

Nearest Address

1488 Pysht River Rd
Clallam Bay, WA 98326

Driving Directions

1. Start at 209118 US 101 Port Angeles
2. Go west on US-101 (W Highway 101) toward Grouse Glen Way
3. Turn right on WA-113 (Burnt Mountain Rd)
4. Turn right on WA-112 (Highway 112)
5. Turn left on Pysht River Rd
6. Call for gate access and to ensure timber road is clear. DO NOT ATTEMPT ACCESS WITHOUT CONFIRMING.
7. Get escort from Timber Company or follow logging road due north. Use caution on bridges.

Butler Creek STR-22

Position - Location:	48° 11.924', -124° 5.975'	48° 11' 55.5", -124° 5' 58.5"	48.19874, -124.09959	Clallam Bay

Strategy Objective: Exclusion : Keep oil out of the creek mouth

Implementation: Deploy 100 feet of boom across culvert entrance, from A to B. Use existing features or shoreside anchors to secure boom. Adjust as needed for conditions.

Staging Area: Onsite: Stage onsite at Pillar Point Rec Area boat launch and parking lot.

Site Safety: Road Hazard; Slips, Trips, Falls; Rip-Rap; Driftwood

Field Notes: The creek mouth is at the east end of the lower parking lot in the Pillar Point County Park.

Watercourse: Creek - Culvert

Resources at Risk: County Park, Crabs, Forage Fish, Marine Birds, Raptors, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")

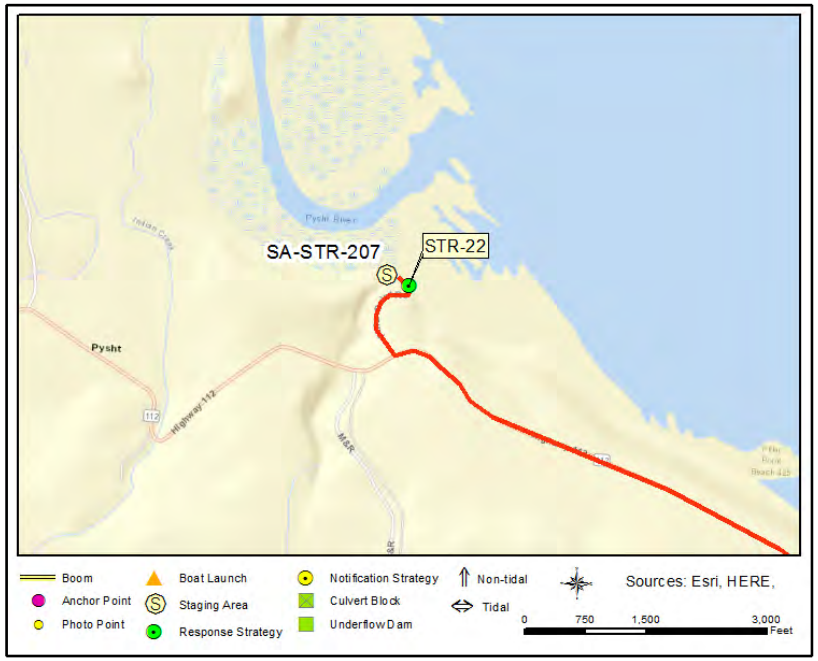
Recommended Personnel

1	Laborer
1	Supervisor

Butler Creek STR-22



STR-22 Photo: Butler Creek, view from beach towards culvert



Site Contact

Clallam County Parks, Fair & Facilities Department
Land/Property Contact : Land Manager

360-417-2291

Nearest Address

Pillar Point Rd.
Clallam Bay, WA 98326

Driving Directions

1. Start at W US-101 Port Angeles
2. Go west on W US-101 (Pacific Coast Scenic Bywy) toward W Nicholas Rd (3.94 miles)
3. Turn right on WA-112 (Strait of Juan de Fuca Hwy-Sr 112) (31.56 miles)
4. Turn right on Pillar Point Rd (0.13 miles)
5. Finish at Pillar Point Rd., 98326, on the right

6. Culvert is 200 feet SE from boat launch.

Jim Creek — STR-23

Position - Location:	48° 11.161', -124° 3.829'	48° 11' 9.7", -124° 3' 49.8"	48.18602, -124.06382	Clallam Bay

Strategy Objective: Exclusion : Keep oil out of Jim Creek

Implementation: Deploy 100 feet of boom across culvert entrance, from A to B. Use existing features or shoreside anchors to secure boom. Adjust as needed for conditions.

Staging Area: Onsite: Private campground and boat launch onsite

Site Safety: Private property; Rental Campground; Water Hazard; Traffic Hazard; Slips, Trips, Falls

Field Notes: Large metal culvert under road to gravel beach. Easy access from campground road or boat launch.

Watercourse: Creek - Tidal creek beach with large culvert

Resources at Risk: Crabs, Resident Fish, Salmonids, Shellfish, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
1	Each	Waders

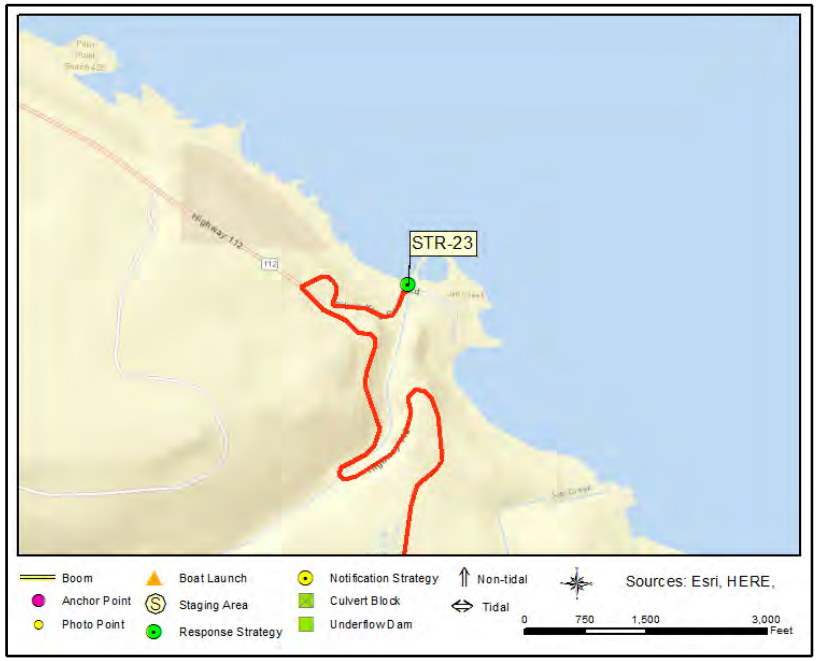
Recommended Personnel

2	Laborer
1	Supervisor

Jim Creek STR-23



STR-23 Photo: Mouth of Jim Creek from beach



Site Contact

Silver King Resort property owners
Private Owner : Caretaker, one of several Property Owners

Port Angeles, WA
360-460-4727

Nearest Address

Silver King Resort Rd.
Clallam Bay, WA 98326

Driving Directions

1. From Port Angeles, head west on US-112 towards Sekiu.
2. At mile post 31.5, turn right into gravel pulloff with star-spangled gate.
3. Contact caretaker or cut chain at gate.
4. Follow Silver King Resort Rd. north.
5. Site is where road curves right towards boat launch area.

Deep Creek Mouth — STR-24

Position - Location:	48° 10.478', -124° 1.571'	48° 10' 28.7", -124° 1' 34.2"	48.17464, -124.02618	Clallam Bay

Strategy Objective:	Exclusion : Keep oil out of the creek mouth.
Implementation:	Drive boom to east bank of creek. Use waders or hand-launch boat to cross creek and secure anchor at A above high water line. Extend 200 ft of boom downstream and across to east bank and secure to shore at B. Adjust locations of anchors and boom as needed for conditions.
Staging Area:	Onsite: With Lower Elwha Tribe escort, room for staging onsite on east bank of creek.
Site Safety:	Water Hazard; Slips, Trips, Falls
Field Notes:	Lower Elwha Klallam Tribe property, seasonal fishing camp. With permission, vehicle access off Highway 112 at Mile Post 34.7, a dirt road on the east side of the creek. No boat access.
Watercourse:	Creek - large creek, with highly variable flow. Gravel, cobble
Resources at Risk:	Forage Fish, Resident Fish, Salmonids, Tribal Lands/Resources, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (18" to 42")
200	Feet	Line - 1/2" poly line
1	Each	Waders
1	Each	Workboat(s) - (hand-launch)

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Deep Creek Mouth STR-24



STR-24 Photo: From western bank looking north at connection to Strait



Site Contact

Lower Elwha Klallam Tribe
Pre-Notification Required : Permission required to enter reservation
2851 Lower Elwha Road
Port Angeles, WA
360-417-2459

Nearest Address

Gibson Rd
Clallam Bay, WA 98326

Driving Directions

1. Do not approach without escort from Lower Elwha Tribe
2. From Port Angeles, drive west on Highway 112 towards Clallam Bay
3. Just west of milepost 35, turn right at gravel driveway with keep out signs.

4. Follow road north to open dirt parking area.

West Twin River — STR-25

Position - Location:	48° 9.910', -123° 57.145'	48° 9' 54.6", -123° 57' 8.7"	48.16517, -123.95242	Clallam Bay

Strategy Objective: Exclusion : Keep oil out of the West Twin River

Implementation: Secure 200 ft of boom to eastern bridge piling closest to shore, at A. Use line or walk boom across river and secure to western bridge piling at C. If conditions allow, use waders to pull boom midpoint and anchor into north-pointing chevron at B. Adjust as needed for conditions.

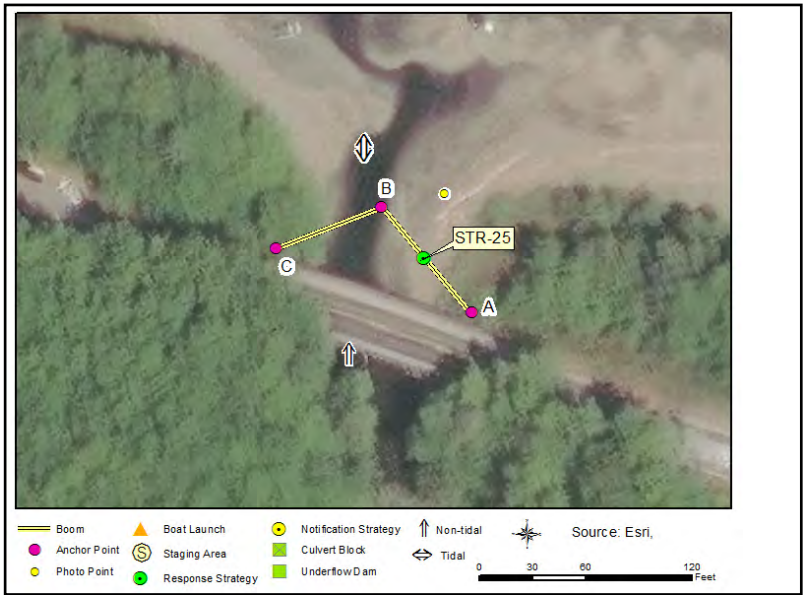
Staging Area: Onsite: Stage at Twin Beach parking area and walk equipment 600ft W to site.

Site Safety: Water Hazard; Steep Slopes; Rip Rap; Slips, Trips, Falls

Field Notes: Do not deploy in high river flow - dangerous and ineffective. Twin Rivers Investment owns beach and parking, alert of activity for safety of visitors.

Watercourse: River - With Tidal Influence - West Twin River under bridge - extreme seasonal variance

Resources at Risk: Crabs, Forage Fish, Marine Birds, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
3	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (18" to 42")
200	Feet	Line - 1/2" poly line
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

West Twin River STR-25



STR-25 Photo: From east bank, looking S at 101 bridge. Taken at low winter flow.



Site Contact

Twin Rivers Investment
Private Owner : Group Camp Phone Tree
360-460-0441

Twin Rivers Investment Alternate
Alternate Contact : Group Camp Phone Tree
360-460-9549

Nearest Address

1 Twin Rivers Beach
Clallam Bay, WA 98326

Driving Directions

1. Start at W US-101 Port Angeles
2. Go west on W US-101 (Pacific Coast Scenic Bywy) (2.94 miles)
3. Turn right on WA-112 (Strait of Juan de Fuca Hwy-Sr 112) (22.04 miles)
4. After Milepost 39, take hairpin right turn onto dirt road.
5. Follow road down to parking area on the beach between the Twin Rivers.

East Twin River — STR-26

Position - Location:	48° 9.925', -123° 56.804'	48° 9' 55.5", -123° 56' 48.3"	48.16541, -123.94674	Clallam Bay

Strategy Objective: Exclusion : Keep oil out of the East Twin River mouth.

Implementation: At low water, deploy 100 ft of boom across river above high tide line, at an angle. Use shoreside anchors or existing features to secure boom and adjust as needed for conditions. If river is running too high, adjust to 300 ft offshore chevron and deploy with shallow boat.

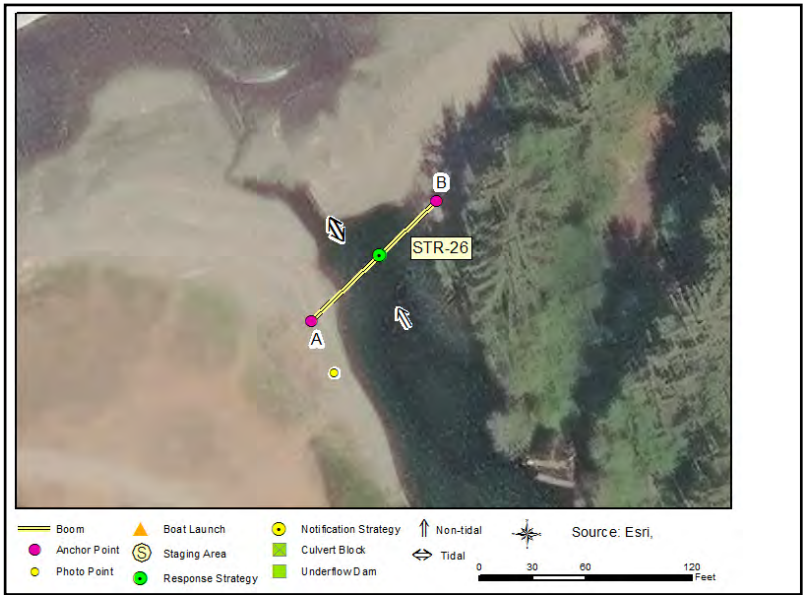
Staging Area: Onsite: Stage onsite via dirt road to private property - may need to cut gate. In high flow land shallow boat on shore.

Site Safety: Water Hazard; Slips, Trips, Falls; Steep Slopes; Unstable Banks

Field Notes: Vehicle access off Highway 112 at Mile Post 38.6, turn north off the highway onto a dirt road on the west side of the East Twin River. Gate is unlocked. Call Twin Rivers Investment to alert beach campers of activity or hazards and prevent new campers from arriving.

Watercourse: River - With Tidal Influence - East Twin River - high seasonal variation

Resources at Risk: Forage Fish, Marine Birds, Marine Mammals, Resident Fish, Salmonids, Shorebirds, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
200	Feet	Line - 1/2" poly line
1	Each	Waders
1	Each	Workboat(s) - (hand-launch)

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

East Twin River STR-26



STR-26 Photo: Twin River East from left bank, looking north, nearing high tide.



Site Contact

Twin Rivers Investment
Private Owner : Group Camp Phone Tree
360-460-0441

Twin Rivers Investment Alternate
Alternate Contact : Group Camp Phone Tree
360-460-9549

Nearest Address

West Twin River Rd.
Clallam Bay, WA 98363

Driving Directions

1. From Port Angeles, head west on Highway WA-112.
2. Across from W Twin Rd, turn right down unmarked dirt road to gate. Gate should be unlocked.
3. If no access from that entrance, continue West down WA-112 and turn down either of the next 2 dirt roads to access beach.

Murdock Creek Beach — STR-30

Position - Location:	48° 9.242', -123° 51.708'	48° 9' 14.5", -123° 51' 42.5"	48.15403, -123.86180	Port Angeles

Strategy Objective: Exclusion : Keep oil out of Murdock Creek

Implementation: From parking lot, walk 100 ft of boom to beach and then east to creek mouth and backwater pond. Deploy boom at high tide line between A and B. Use natural features for anchors where possible, but adjust as needed for conditions.

Staging Area: Onsite: Parking area at public beach access. Short walk to site along beach.

Site Safety: Slips, Trips, Falls; Narrow Beach at High Tide; Vegetation

Field Notes: Shallow creek with pond at high tide line. Walk along beach from parking area.

Watercourse: Creek - Shallow creek with large alluvial fan

Resources at Risk: Resident Fish, Salmonids, State Lands, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Murdock Creek Beach STR-30



STR-30 Photo: From beach at creek mouth, looking south upstream at backwater pond. Taken in June 2022.



Site Contact

Washington Dept. of Natural Resources Police
After Hours and Weekends Contact : After Hours Emergency
800-562-6010

Washington Dept. of Natural Resources - Olympic Region Office
Land/Property Contact : Land Manager
360-374-2800

Nearest Address

44979 WA-112
Port Angeles, WA 98363

Driving Directions

1. Start at US-101 Port Angeles
2. Go west on W US-101
3. Turn right on WA-112 (16.16 miles)
4. Pass Cannon Ball Road and Mile Marker 45 (0.3 miles)
5. Take the next right on the gravel road, at the sign for School Bus Turnaround.
6. Keep right at the fork and follow the road signs for Murdock Beach parking.
7. From the parking lot, follow the trail north to the beach and then east to the creek mouth.

Lyre River — STR-31

Position - Location:	48° 9.520', -123° 49.705'	48° 9' 31.2", -123° 49' 42.3"	48.15867, -123.82842	Port Angeles

Strategy Objective: Exclusion : Keep oil out of the river mouth.

Implementation: From west bank, stretch line across river to deploy 200 ft of boom at an angle from A to B. Deploy an additional 100 ft of boom at the opposite angle from C to D. Use existing features for anchoring if possible. If digging stakes, stay at edge of vegetation when possible. Adjust boom for conditions.

Staging Area: Onsite: Both banks have roads and and large grass fields but keep vehicles on roads/trails as much as possible.

Site Safety: Water Hazard; High Flow; Slips, Trips, Falls; Campers and Recreation

Field Notes: Call Lower Elwha Klallam Tribe before arrival for cultural resource advisor. They also have key to gate for east bank vehicle access, via North Olympic Land Trust public recreation area. Can drive to bank on private property on west bank, call to alert family members.

Watercourse: River - With Tidal Influence - High winter and spring flow; strong tidal influence; 20 ft to 75 ft wide at neck

Resources at Risk: Marine Birds, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Wetlands



Recommended Equipment

4	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B3 (River Boom) or equivalent
250	Feet	Line - 1/2" poly line
1	Each	Line throwing gun(s) or device(s)
1	Each	Waders

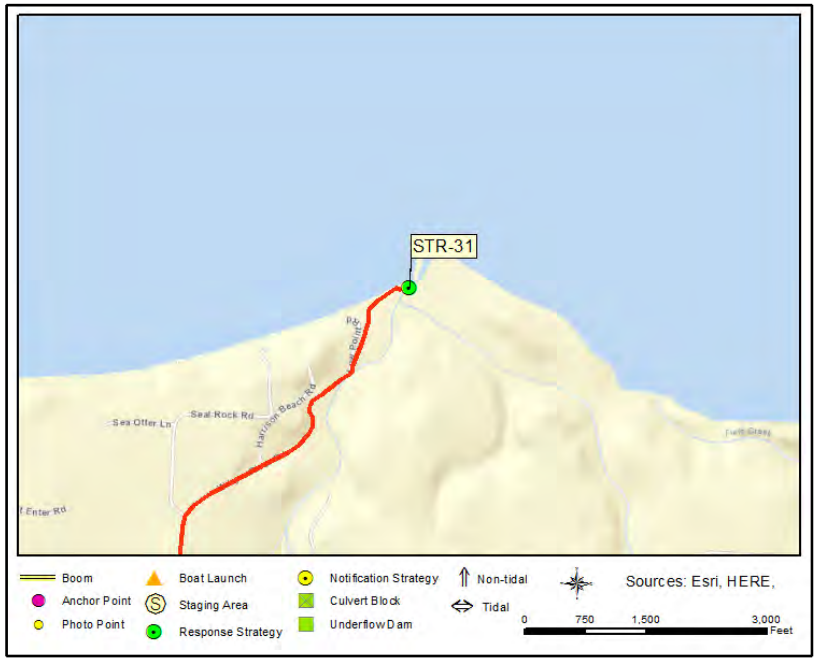
Recommended Personnel

3	Laborer
1	Supervisor

Lyre River STR-31



STR-31 Photo: Lyre River, from west bank looking north. Taken at low tide -1 ft.



Site Contact

Lower Elwha Klallam Tribe
Pre-Notification Required : Permission required to enter reservation
360-417-2459

Lyre River family
Land/Property Contact : West Bank landowners
360-928-0128

Nearest Address

996 W Lyre River Rd.
Port Angeles, WA 98363

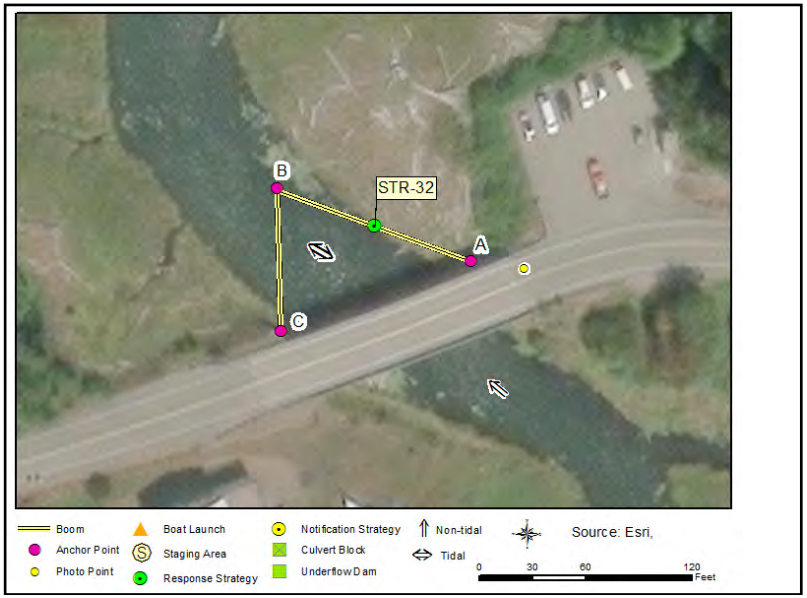
Driving Directions

1. Start at Port Angeles, WA
2. Head west on US Highway 101
3. Turn right on WA-112 (Highway 112)
4. Turn right on W Lyre River Rd
5. Finish at 996 W Lyre River Rd., 98363, on the right
6. Contact landowner and use road loop to access area in NE corner of riverside property.
7. To access east bank, get key from Lower Elwha Klallam Tribe to open gate of Olympic Land Trust. Lock is embedded inside the gate and cannot be cut. Access via Reynold Road.

Salt Creek Bridge — STR-32

Position - Location:	48° 9.664', -123° 42.343'	48° 9' 39.8", -123° 42' 20.6"	48.16106, -123.70572	Port Angeles

Strategy Objective:	Exclusion : Keep oil out of Salt Creek
Implementation:	Use bridge to stretch line or 200 ft boom across north downstream side of bridge from A to C and secure ends to bridge pilings or shoreside anchors. If marsh grass supports body weight, attach line to center of boom and walk downstream, securing to old pilings at B to create angle or chevron. If oil collects on flood tide, collect from parking area NE of bridge. Adjust as needed for conditions.
Staging Area:	Onsite: Use parking lot NE of bridge for vac truck or other equipment.
Site Safety:	Traffic Hazard; High Bridge; Water Hazard; Slips, Trips, Falls
Field Notes:	Follow WSDOT flagging policies when crossing bridge or working near roadside. Land N of bridge by road owned by Clallam County Parks.
Watercourse:	River - With Tidal Influence - Generally quiet water
Resources at Risk:	County Park, Eelgrass, Marine Birds, Raptors, Resident Fish, Salmonids, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B3 (River Boom) or equivalent
200	Feet	Line - 1/2" poly line
1	Each	Vac Truck or Skimmer and Storage (if collection)
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Salt Creek Bridge STR-32



STR-32 Photo: Salt Creek Bridge, looking from parking lot (A) west to (B). Taken near high tide at low summer water.



Site Contact

Clallam County Parks, Fair & Facilities Department
Primary Contact : Land Manager

360-417-2291

Nearest Address

3121 Crescent Beach Road
Port Angeles, WA 98363

Driving Directions

1. Start at Joyce, wa
2. Go northwest on Crescent Beach Rd toward Agate Beach Rd
3. Turn right at Agate Beach Rd to stay on Crescent Beach Rd
4. Turn left into the Salt Creek Recreation Area parking lot, by the vault toilets, on the NE corner of the bridge.

Salt Creek closest to beach — STR-33

Position - Location:	48° 9.724', -123° 42.295'	48° 9' 43.5", -123° 42' 17.7"	48.16207, -123.70492	Port Angeles

Strategy Objective: Exclusion : Keep oil out of the creek.

Implementation: Walk 200 feet of boom to site from parking area via trail. Set anchors at edge of vegetation at A, creek right. Using line, pull boom across creek and secure at B using existing features or shoreside anchors. Adjust as needed for conditions.

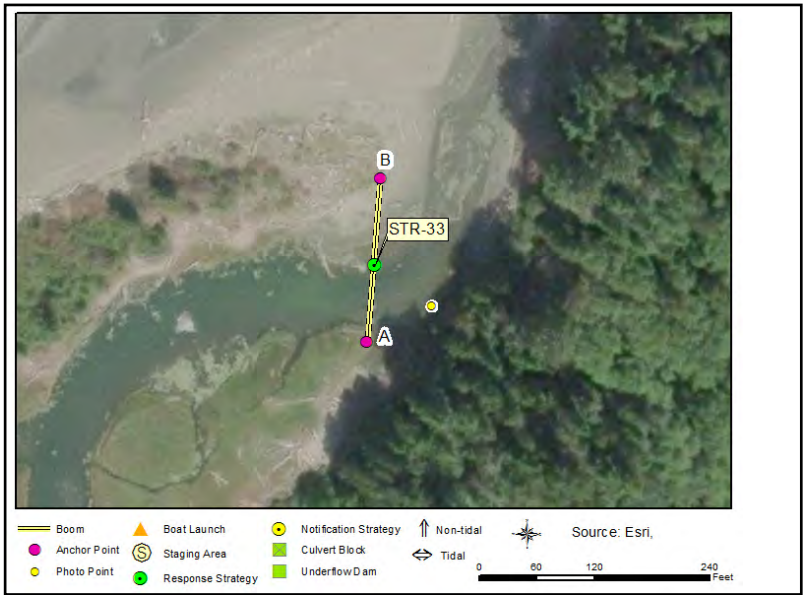
Staging Area: Onsite: 300 ft walking trail from parking lot to beach.

Site Safety: Water Hazard; Extreme Tides; Nearby Bluff; Recreation Area; Surfers; Divers; Slips, Trips, Falls

Field Notes: Southeastern side of creek is public park; northwestern side is privately owned by Sea Kota and they should be notified so they do not mistake responders for trespassers. Shallow creek most of the year.

Watercourse: River - With Tidal Influence - at extreme tides entire area can be underwater

Resources at Risk: County Park, Eelgrass, Marine Birds, Raptors, Resident Fish, Salmonids, Wetlands



Recommended Equipment

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

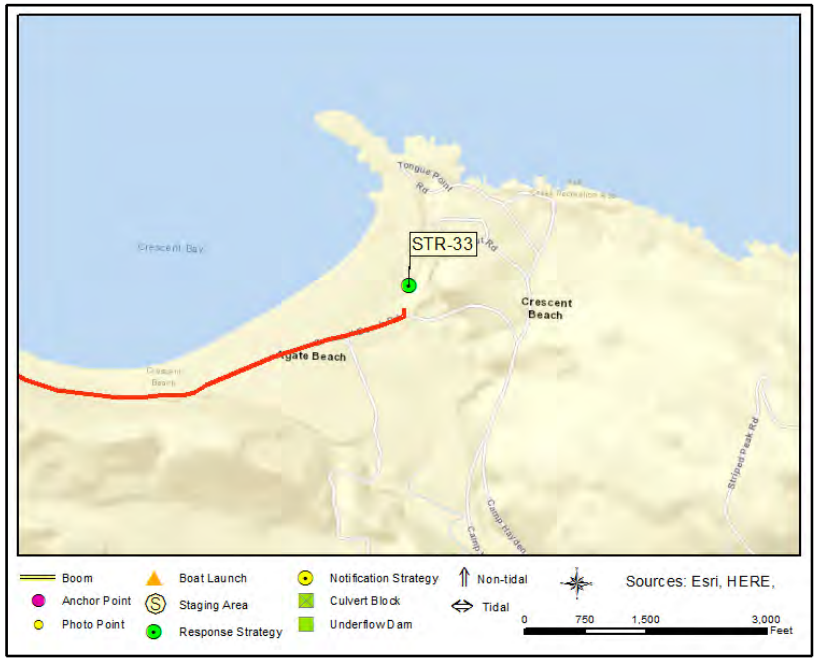
Recommended Personnel

2	Laborer
1	Supervisor

Salt Creek closest to beach STR-33



STR-33 Photo: Salt Creek looking West from A.



Site Contact

Clallam County Parks, Fair & Facilities Department
Primary Contact : Land Manager
360-417-2291

Sea Kota
Private Owner : Owner
360-928-3454

Nearest Address

3179 Crescent Beach Road
Port Angeles, WA 98363

Driving Directions

1. Start at Joyce, wa
2. Go northwest on Crescent Beach Rd toward Agate Beach Rd
3. Turn right at Agate Beach Rd to stay on Crescent Beach Rd
4. Turn left into County Park Parking Lot, next to the vault toilets.
5. Finish at 3179 Crescent Beach Road, 98363, on the left

Vehicle access from Highway 112 at Mile Post 53.9 on Camp Hayden Road, or at Mile Post 51.0 on Crescent Beach Road. Both roads will lead to Salt Creek, on the east end of Crescent Bay.

Colville Creek — STR-34

Position - Location:	48° 8.281', -123° 36.716'	48° 8' 16.8", -123° 36' 42.9"	48.13801, -123.61193	Port Angeles

Strategy Objective: Exclusion : Keep oil out of Colville Creek

Implementation: Carry 100 ft of boom to site via staircase. Secure across creek at an angle above the tideline. Adjust boom and number of anchors as needed for conditions.

Staging Area: Onsite: Private beach access via stairs. In calm weather could land shallow boat on beach - avoid offshore shoal.

Site Safety: Steep Private Stairs; Muddy; Offshore Rocks; Steep Slopes; Water Hazard; Slips, Trips, Falls

Field Notes: Cobble beach with offshore rocky shoal. Steep ravine with shallow creek. Property on both sides of creek have steep stairs to beach. Chris Burns at Jamestown Tribe lives nearby and may be able to liaise with neighbors.

Watercourse: Creek - Colville Creek at Freshwater Bay

Resources at Risk: Backwater Habitat, Marine Birds, Resident Fish, Salmonids



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")

Recommended Personnel

2	Laborer
1	Supervisor

Colville Creek STR-34



STR-34 Photo: Looking upstream at Colville Creek backwater area, from beach. Taken 4/2019.



Site Contact

No Information
Private Owner :

Jamestown S'Klallam Tribe
Call for Local Conditions :
360-681-4618

Nearest Address

856 Freshwater Park
Port Angeles, WA 98363

Driving Directions

1. Start at W Highway 101 Port Angeles
2. Go west on W US-101 toward S Fey Rd (2.24 miles)
3. Turn right on WA-112 (4.56 miles)
4. Turn right on Freshwater Bay Rd (1.09 miles)
5. Turn right on Freshwater Park (0.35 miles)
6. Turn left to stay on Freshwater Park (0.37 miles)
7. Turn left on Anchorage Ln (0.13 miles)
8. Finish at 856 Freshwater Park, 98363, on the left

Elwha River — STR-35

Position - Location:	48° 8.822', -123° 33.844'	48° 8' 49.3", -123° 33' 50.6"	48.14703, -123.56406	Port Angeles

Strategy Objective: Exclusion : Keep oil out of the estuary

Implementation: Using shallow workboat, deliver personnel and 100 ft of boom to sandy beach on the east bank of the Elwha. Walk the boom up to any side channels connecting the main channel to the estuary and boom them off. Adjust as needed for conditions.

Staging Area: Remote: Stage and launch landing craft from Freshwater Bay County Park.

Site Safety: Water Hazard; Shallow Water; Submerged Sandbanks; Unstable Footing

Field Notes: Call Lower Elwha Klallam Tribe before deploying - escort required; if no saltwater intrusion, strategy may not be needed. Side channels change often.

Watercourse: River - With Tidal Influence - Extremely dynamic system, varying water depth. gravel, mud, sand, rock, logs

Resources at Risk: Marine Birds, Resident Fish, Salmonids, Tribal Lands/Resources, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
1	Each	Waders
1	Each	Workboat(s) - shallow-water

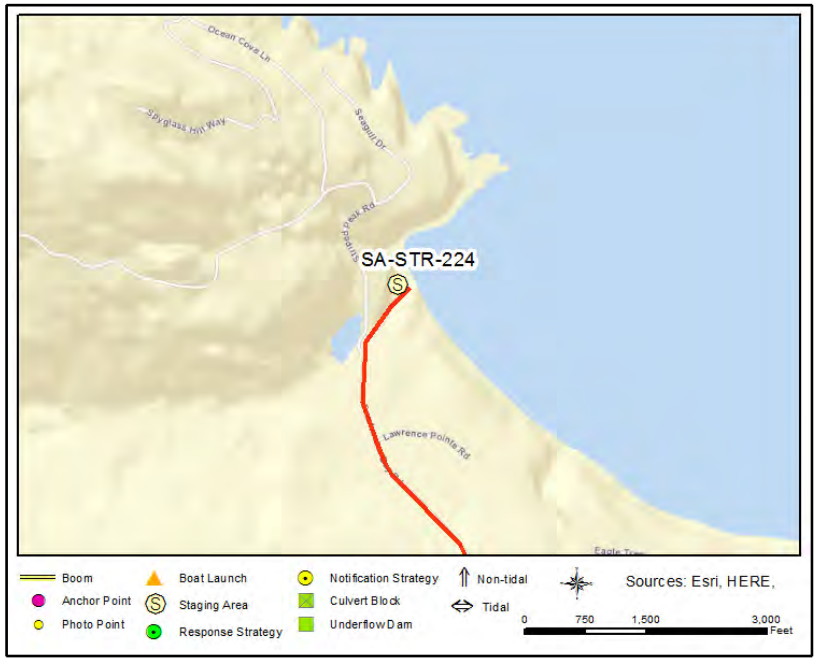
Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Elwha River STR-35



STR-35 Photo: Elwha from sandy beach on east bank, looking west at an example of a side channel. Taken May 2021.



Site Contact

Lower Elwha Klallam Tribe
Pre-Notification Required : Permission required to enter reservation
2851 Lower Elwha Road
Port Angeles, WA
360-417-2459

Nearest Address

2300 Freshwater Bay Rd.
Port Angeles, WA 98363

Driving Directions

1. Start at Port Angeles
2. Go west on US-101 towards Coville
3. Turn right on WA-112 (4.56 miles)
4. Turn right on Freshwater Bay Rd (2.29 miles)
5. Follow signs towards boat launch

Elwha River Eastern Estuary — STR-36

Position - Location:	48° 8.943', -123° 33.559'	48° 8' 56.6", -123° 33' 33.6"	48.14905, -123.55932	Port Angeles

Strategy Objective: Exclusion : Keep oil out of estuary

Implementation: Using waders or handlaunch boat, pull 200 ft of boom across channel from A to B. Secure with shoreside anchor systems. Adjust as needed for conditions. Connecting channel between tide pool and estuary may move and vary over time.

Staging Area: Onsite: Dirt/offroad parking for several cars. 500 foot walk to site on maintained trail.

Site Safety: Water Hazard; Wildlife; Slips, Trips, Falls

Field Notes: Call Lower Elwha Tribe for escort. Side channel accessible via dirt road left of treatment plant. Width and depth of channel vary so either boat or waders may be needed. Oil may enter tide pools and overtop at high tide into estuary.

Watercourse: Estuary - Estuary is largely freshwater but may have saltwater infiltration at high tide

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



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Elwha River Eastern Estuary STR-36



STR-36 Photo: From end of dirt road, looking west across channel with estuary on left and tide pools and Strait on the right.



Site Contact

Lower Elwha Klallam Tribe
Pre-Notification Required : Permission required to enter reservation
2851 Lower Elwha Road
Port Angeles, WA
360-417-2459

Nearest Address

289 Charles Rd
Port Angeles, WA 98363

Driving Directions

1. Start at W US-101 Port Angeles
2. Go west on W US-101 toward Lower Elwha Klallam Tribe
3. Turn right on S Reddick Rd (0.64 miles)
4. Turn left on W Edgewood Dr (1 miles)
5. Turn right on Lower Elwha Rd (3.07 miles)
6. Turn right on Charles Rd (0.27 miles)
7. Turn left at gated gravel road (0.25 miles)
8. Keep straight rather than turn right to tide gates. Continue west to site; use turnaround loop as needed.

Dry Creek — STR-40

Position - Location:	48° 8.042', -123° 31.271'	48° 8' 2.5", -123° 31' 16.3"	48.13403, -123.52119	Port Angeles

Strategy Objective: Exclusion : Keep oil out of Dry Creek

Implementation: Transport 100 feet of boom to site by truck and anchor above the high tide line, at A. Use waders to cross the creek and secure to other bank at B, at an angle. If oil collects, use vac truck or skimmer and storage to remove oil.

Staging Area: Onsite: Stage onsite in parking area or gravel road nearest to site.

Site Safety: Large Motorized Equipment; Active Solid Waste Site (Moderate Risk Hazard Storage); Water Hazard; Dirt Road; Slips, Trips, Falls

Field Notes: Contact City of Port Angeles for gate access to Regional Transfer Station from public works. Boom may only be needed to hold sorbent in place during low water levels.

Watercourse: Creek - Shallow creek most of the year.

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



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
1	Each	Vac Truck or Skimmer and Storage (if collection)
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Dry Creek STR-40



STR-40 Photo: Looking SW upstream from the beach at Dry Creek mouth, roadside. Taken 4/2019.



Site Contact

City of Port Angeles Transfer Station
Municipality (County/City) : Weekdays 9-5
360-417-4875

City of Port Angeles Afterhours Line
After Hours and Weekends Contact : Afterhours Answering Service

Nearest Address

3501 West 18th Street
Port Angeles, WA 98362

Driving Directions

1. Start at Marine Drive in Port Angeles
2. Go west on Marine Dr toward Tumwater Truck Rd
3. At the traffic light, turn left on Tumwater Truck Rd (WA117) (1.11 miles)
4. Turn right on W Lauridsen Blvd (1.16 miles)
5. Make a sharp right on S L St (0.35 miles)
6. At the stop sign, bear left on W 18th St (1.11 miles)
7. Follow W 18th Street to the signs and gate for the transfer station.
8. Continue west to the parking area at the recycling center. There is a gate to the right of the recycling center.

9. Open the gate and follow the road down the hill to the site.

Paper Lagoon (Inner) STR-41

Position - Location:	48° 8.077', -123° 27.863'	48° 8' 4.6", -123° 27' 51.8"	48.13462, -123.46439	Port Angeles

Strategy Objective: Exclusion : Keep oil out of lagoon.

Implementation: Using workboat, deploy 400ft boom to north end of channel at A and extend south across entrance and water access chute, to C. Pull boom midpoint east and set anchor at B to create chevron. Adjust boom angle and anchor points as needed for conditions. Use anchor posts or existing structures to secure boom to shoreline. If conditions allow, use water access chute to remove oil if it collects.

Staging Area: Remote: Stage equipment at SA-STR-235 Boat Haven West Ramp (1305 Marine Dr, Port Angeles, WA 98363).

Site Safety: Road Traffic; Water Hazard; Industrial Debris; Degraded Pilings; Rip Rap; Slips, Trips, and Falls

Field Notes: Channel pilings in disrepair. Graded water access nearby could be used for collection. Parking area onsite. Active paper mill with truck traffic; contact McKinley before deployment.

Watercourse: Urban Waterfront - Ditch feeds logging pond at high tide mud

Resources at Risk: Marine Mammals, Raptors, Resident Fish, Salmonids, Shorebirds, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B2 (18" to 42")
3	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Vac Truck or Skimmer and Storage (if collection)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Paper Lagoon (Inner) STR-41



Completed GRP STR-41 (Exclusion Strategy)

STR-41 Photo: From harbor, looking west towards lagoon.
Photo was taken at drill in August 2024.



Site Contact

McKinley Paper Company
Primary Contact :

Port Angeles, WA 98363
360-457-4474

Nearest Address

1305 Marine Dr
Port Angeles, WA 98363

Driving Directions

DIRECTIONS TO SITE:
1. Take US-101 west towards Port Angeles
2. Bear right onto East Front Street
3. Continue on Marine Dr
4. Turn right into small visitor parking area before the bridge; signs for McKinley Paper.

STAGING AND BOAT LAUNCH AT BOAT HAVEN WEST MARINA
0.7 miles SE of site, 1305 Marine Drive

Paper Lagoon - Outer Strategy — STR-42

Position - Location:	48° 8.069', -123° 27.785'	48° 8' 4.1", -123° 27' 47.1"	48.13448, -123.46308	Port Angeles

Strategy Objective: Exclusion : Keep oil out of lagoon

Implementation: Using boat, secure 700 ft of boom to piling using bridle at A, to overlap perma-boom along the oil terminal dock. Extend SW to shore between parking area and lumber yard and secure using shoreside anchor at C. Use piling bridle at B and other inline anchors as needed to keep boom from bellying, so it will guide oil towards southern anchor point for potential collection. Adjust as needed for conditions.

Staging Area: Remote: Stage and launch from Boat Haven West, .7 miles down Marine Dr

Site Safety: Petroleum Dock; Water Hazard; Shipping Traffic; Industrial Debris and Lumber; Slips, Trips, Falls

Field Notes: Coordinate with Tesoro terminal before arriving. If oil collects, a vac truck can be staged in McKinley Paper administrative parking lot.

Watercourse: Bay - Port Angeles Harbor

Resources at Risk: Marine Mammals, Raptors, Resident Fish, Salmonids, Shorebirds, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (Contractor Boom) or equivalent
2	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Vac Truck or Skimmer and Storage (if collection)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
3	Supervisor

Paper Lagoon - Outer Strategy STR-42



STR-42 Photo: From beach near parking area, looking across to Tesoro dock.



Site Contact

Tesoro Port Angeles Terminal
Pre-Notification Required :
360-452-1433

McKinley Paper Company
Land/Property Contact :
360-457-4474

Nearest Address

1902 Marine Dr.
Port Angeles, WA 98363

Driving Directions

DIRECTIONS TO SITE
1. Take US-101 West towards Port Angeles
2. At the traffic light, bear right onto E Front St (US-101) (1.94 miles)
3. Continue forward on Marine Dr (E Front St) (1.37 miles)
4. Continue forward on N Ediz Hook Rd (0.31 miles)
5. Turn right to McKinley Paper Administration Building and proceed to parking lot behind building.

DIRECTIONS TO STAGING AND BOAT LAUNCH:
Stage and Launch from Boat Haven Boat Launch, 0.7 miles east on Marine Drive.

Boat Haven Marina Exclusion — STR-43

Position - Location:	48° 7.577', -123° 27.146'	48° 7' 34.6", -123° 27' 8.7"	48.12629, -123.45243	Port Angeles

Strategy Objective: Exclusion : Keep oil in or out of the Marina

Implementation: Using workboat, secure 300 ft of boom to piling on eastern breakwater near parking lot, at B. Extend west across marina entrance and secure to piling at end of other breakwater, at A. Use dock piling or inline anchors to secure boom. If boat access is needed, swing boom out from A or adjust to create open overlapping chevron. Adjust as needed for conditions. If oil collects, use vac truck from parking area at B.

Staging Area: Onsite: Stage and launch onsite at Boat Haven Marina.

Site Safety: Water Hazard; Active Marina; Traffic Hazard; Rip-Rap; Slips, Trips, Falls

Field Notes: Active marina with breakwater walls and pilings and docks.

Watercourse: Bay - Port Angeles

Resources at Risk: Marina, Marine Mammals, Raptors, Recreational Use Area, Resident Fish, Salmonids, Shorebirds, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
300	Feet	Boom - B2 (18" to 42")
2	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Vac Truck or Skimmer and Storage (if collection)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Boat Haven Marina Exclusion STR-43



STR-43 Photo: From parking area next to office, looking west. Taken at +5ft tide.



Site Contact

Port of Port Angeles
Primary Contact : Harbormaster

Port Angeles, WA
360-457-4505

Nearest Address

1305 Marine Dr.
Port Angeles, WA 98363

Driving Directions

1. Start at US 101 West Sequim WA
2. Go on US-101 W toward N Boyce Rd (10.72 miles)
3. At the traffic light, continue forward on E Front St (US-101 W) (1.94 miles)
4. Continue forward on Marine Dr (E Front St) (1 miles)

.

5. FOR VACUUM TRUCK:
Turn right onto West Boathaven Drive, and keep right. Follow paved road to parking at the marina office, at the end of the road.

.

5. TO LAUNCH VESSEL:
Continue on Marine Drive and take the first right after the marina.

Tumwater Creek — STR-44

Position - Location:	48° 7.463', -123° 26.723'	48° 7' 27.8", -123° 26' 43.4"	48.12438, -123.44539	Port Angeles

Strategy Objective: Exclusion : Keep oil out of creek.

Implementation: Deploy 150ft boom across creek mouth between A and C, anchoring to shore using pilings or shoreside anchors. At high tide, use a workboat to pull midpoint of boom into chevron and anchor or secure to dolphin or piling near B. Adjust boom angle and anchor points as needed for conditions. Use anchor posts or existing structures to secure boom to shoreline.

Staging Area: Onsite: Stage equipment onsite.

Site Safety: Slips, Trips, Falls; Submerged Pilings; Uneven Surfaces; Vessel Traffic; Water Hazard; Road Hazardq

Field Notes: In low water area is mud; deploy from land. Use waders or line to set midpoint. Contact the port before deployment.

Watercourse: Creek - Tumwater Creek

Resources at Risk: Marine Mammals, Resident Fish, Salmonids, Shorebirds



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Tumwater Creek STR-44



STR-44 Photo: From right bank of creek, looking northwest towards Ediz Hook. Photo was taken at drill in April 2025.



Site Contact

Port of Port Angeles
Emergency Contact : Harbormaster

Port Angeles, WA
360-457-4505

Nearest Address

711 Marine Dr.
Port Angeles, WA 98363

Driving Directions

1. Take US-101 West to Port Angeles.
2. Bear right on E Front St
3. Continue on W Front St
4. Bear right on Marine Dr
5. Turn right at Tumwater St
6. At end of street, pull across road to stage at shoulder.

Valley Creek — STR-45

Position - Location:	48° 7.374', -123° 26.249'	48° 7' 22.4", -123° 26' 14.9"	48.12290, -123.43748	Port Angeles

Strategy Objective: Exclusion : Keep oil out of the creek mouth and natural area

Implementation: Secure 500 ft of boom to shore by outlook platform on east shore of creek, at A. Use boat to pull boom across creek mouth and secure to shore at west bank, at C. Pull midpoint of boom north and set anchor at B to create chevron. Use existing features or shoreside anchors to secure boom. Upstream, tie sorbent (do not disturb soil) across narrow neck of creek to protect log pile habitat. Adjust as needed for conditions.

Staging Area: Remote: Streetside parking, ferry parking lot, or port property for on-site staging. Launch from Boat Haven West.

Site Safety: Active Port and Ferry Traffic; Water Hazard; Rip-Rap; Submerged Pilings; Road Traffic; Water Hazard; Slips, Trips, Falls

Field Notes: Boat access from Port Angeles. Vehicle access from Highway 101 to Front Street.

Watercourse: Creek - tidal creek

Resources at Risk: City Park, Resident Fish, Salmonids, Sensitive Resources, Shorebirds



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B2 (Contractor Boom) or equivalent
30	Feet	Boom - Sorbent
1	Each	Workboat(s) - of adequate size for type and amount of boom

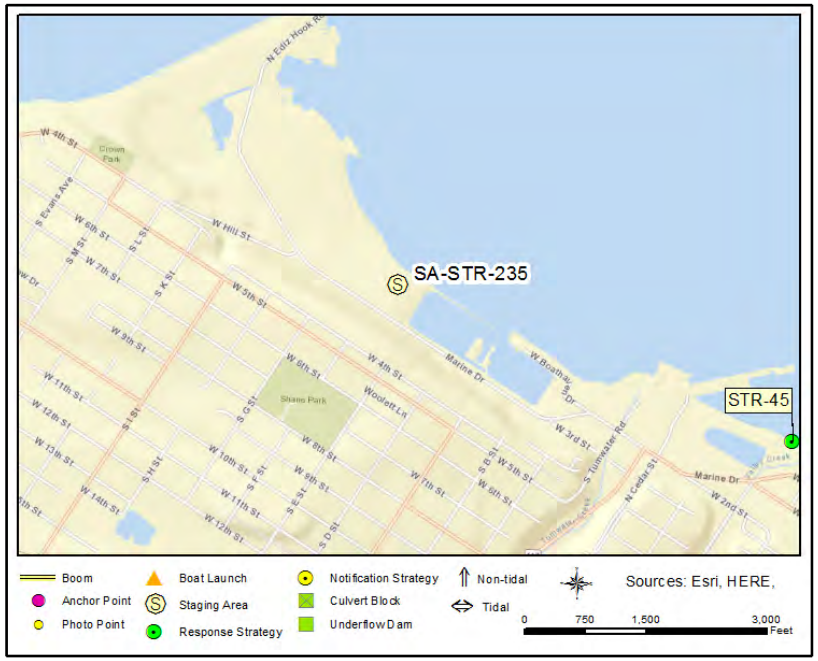
Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Valley Creek STR-45



STR-45 Photo: Valley Creek outlet from west bank, looking east at lookout tower. Taken at 5.8 foot, near high tide.



Site Contact

Port of Port Angeles
Land/Property Owner : Harbormaster
360-457-4505

Washington Department of Natural Resources
Secondary Contact : Aquatics Division - Oil Spill Response
360-902-1064

Nearest Address

201 West Front Street
Port Angeles, WA 98362

Driving Directions

DIRECTIONS TO SITE
1. Take US-101 west to Port Angeles
2. At the traffic light, bear right on E Front St (US-101) (1.83 miles)
3. Park at ferry parking lot, or streetside further up Marine Dr in front of park, or continue past creek and access Port property for on-site boom staging.

.
DIRECTIONS TO BOAT LAUNCH
Continue west down Marine Dr and turn right into Boat Haven Marina West, 1213 Marine Dr.

Peabody Creek — STR-46

Position - Location:	48° 7.252', -123° 25.758'	48° 7' 15.1", -123° 25' 45.5"	48.12087, -123.42930	Port Angeles

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

Implementation: Secure 300 ft boom to shore on west side of stream mouth, near A. Extend boom east across creek and secure with piling bridle to the pier on the east side, near C. Pull center of boom north and set anchor for chevron at B. Adjust boom and use additional anchors as needed for conditions.

Staging Area: Onsite: Use the parking area to stage boom or stage at Boat Haven West

Site Safety: Ferry Traffic; Roadway Traffic; Crossing Hazard; Rip Rap; Pilings; Shallow Bay; Slips, Trips and Falls.

Field Notes: Mudflat at low tide, easiest to deploy extra boom by boat to avoid shallows. Urban stream. Parking nearby. Boat access from Boat Haven West.

Watercourse: Creek - Peabody Creek with tidal influence.

Resources at Risk: Resident Fish, Salmonids, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B3 (River Boom) or equivalent
2	Each	Bridle(s) - Piling (appropriately sized for boom)
100	Feet	Line - 1/2" poly line
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Peabody Creek STR-46



STR-46 Photo: View of the mouth of Peabody Creek in Port Angeles.



Site Contact

Black Ball Ferry Line (Port Angeles)
Emergency Contact : Director
360-460-8920

Port of Port Angeles
Secondary Contact : Harbormaster
360-457-4505

Nearest Address

213 E Railroad Avenue
Port Angeles, WA 98362

Driving Directions

1. Start at 257173 US 101 Port Angeles
2. Go west on US-101 (Pacific Coast Scenic Bywy) toward US-101 E (7.21 miles)
3. At fork keep right on US-101 (E Front St) (1.62 miles)
4. Turn right on N Lincoln St (0.07 miles)
5. At stop sign at Railroad Ave, go straight and slightly left into parking lot for The Landing shops and visitor center, at 213 E Railroad Avenue, 98362. Or instead turn right into the parking lot on the right for the City Pier.

DIRECTIONS TO BOAT LAUNCH Boat Haven West BL-STR-235
1. Head west on Railroad Ave
2. Turn left on N Oak St
3. Turn right on E Front St (0.31 miles)
4. Continue on Marine Dr (E Front St) (1.04 miles)
5. Finish at 1305 Marine Dr., 98363, on the right

Ennis Creek — STR-50

Position - Location:	48° 7.025', -123° 24.315'	48° 7' 1.5", -123° 24' 18.9"	48.11708, -123.40525	Port Angeles

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

Implementation: Deploy 100 ft of boom on north side of bridge, securing at points A and B at an angle to the incoming tide. Use shoreside anchors or existing features to anchor boom. Adjust as needed for conditions.

Staging Area: Onsite: Gravel parking areas on west side of creek mouth.

Site Safety: Decaying Bridge; Contaminated Soils; Rip Rap; Industrial Cleanup Site; Slips, Trips, Falls; Water Hazard

Field Notes: 24-hr access from shoreside through Rayonier Mill site. Contact caretaker or fire department for key. As last resort, use bolt cutters on the padlock or access by water from Port Angeles.

Watercourse: Creek - Ennis Creek with tidal influence

Resources at Risk: Habitat Restoration Site, Marine Mammals, Resident Fish, Salmonids, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
1	Each	Bolt Cutters
100	Feet	Boom - B3 (River Boom) or equivalent
50	Feet	Line - 3/8” poly line

Recommended Personnel

2	Laborer
1	Supervisor

Ennis Creek STR-50



STR-50 Photo: Ennis Creek at decaying bridge. Taken from west bank anchor point looking at east bank anchor point, at high tide.



Site Contact

Port Angeles fire department
Pre-Notification Required : key to gate during emergencies
360-417-4680

Rayonier Advanced Materials
Emergency Contact : Caretaker
360-775-7785

Nearest Address

700 N Ennis Street
Port Angeles, WA 98362

Driving Directions

1. Contact caretaker or fire department for key to gate and confirm access route.
2. Take US 101 west towards Port Angeles.
3. Bear right onto E Front Street.
4. At the next traffic light, make a sharp right on N Ennis St (0.34 miles)
5. Drive to north end of N Ennis Street.
6. Proceed across Discovery Trail through gates and follow gravel road to the NNE towards the towers.
7. Stage in gravel parking lot by water towers. Site is just east of the water towers.

DO NOT DRIVE ON BRIDGE AT SITE. DOES NOT SUPPORT WEIGHT.

Lees Creek — STR-51

Position - Location:	48° 6.865', -123° 23.315'	48° 6' 51.9", -123° 23' 18.9"	48.11441, -123.38859	Port Angeles

Strategy Objective: Exclusion : Keep oil out of Lees Creek

Implementation: Transport 100ft of boom to site using pickup truck. Secure boom to creek left, downstream of the bridge, at A. Use line to cross bridge and pull boom across, securing on creek right at B. Use natural features or shoreside anchors as needed. Adjust boom angle as needed for conditions.

Staging Area: Onsite: Staging available on trail and at Port Angeles Wastewater Treatment Plant

Site Safety: Steep Slopes; Active Trail; Slips, Trips, Falls

Field Notes: Call Port Angeles Wastewater Treatment Plant for quickest access. Paved walking and biking trail. Pedestrian wooden bridge over creek.

Watercourse: Creek - Lees Creek

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



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
1	Each	Bolt Cutters
100	Feet	Boom - B3 (Contractor Boom) or equivalent
50	Feet	Line - 3/8” poly line

Recommended Personnel

2	Laborer
1	Supervisor

Lees Creek STR-51



STR-51 Photo: Lees Creek from creek right, looking north at Strait. Taken at low tide, average spring water.



Site Contact

City of Port Angeles Wastewater Treatment Plant
Land/Property Contact : Land Access
360-461-0111

City of Port Angeles Recreation
Alternate Contact : Facility Manager
360-417-4550

Nearest Address

1909 E Ennis Creek Rd
Port Angeles, WA 98362

Driving Directions

1. Start US-101 W Sequim
2. Go on US-101 W towards Port Angeles
3. Turn right on N Baker St (0.2 miles)
4. Turn left on E Ennis Creek Rd (0.6 miles)
5. The Wastewater Treatment Plant is at the end of Ennis Creek Road.
6. Turn left before the gatehouse and follow the road around the offices, then head north to the gates at the Olympic Peninsula Trail.

7. Plant staff should be there to open gates.
8. Turn right onto the trail and follow it east to the pedestrian bridge at Lees Creek.

Morse Creek Upper — STR-52

Position - Location:	48° 6.955', -123° 21.134'	48° 6' 57.3", -123° 21' 8.0"	48.11592, -123.35223	Port Angeles

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

Implementation: Drive 100ft of boom to creek near bridge. Secure one end at bridge, near A, on west bank. Extend boom downstream, east across creek and secure near walking trail at B. Use shoreside anchoring systems or existing features to secure boom to banks. Adjust boom angle and anchors as needed based on conditions.

Staging Area: Onsite: Grassy area near creek.

Site Safety: DO NOT DRIVE OVER BRIDGE; Active Golf Course; Slips, Trips, and Falls; Water Hazard

Field Notes: Golf cart/walking bridge over creek connecting golf course. Oil may reach site at certain water levels and tide conditions. If oil collects, consult with golf course before driving vac truck.

Watercourse: Creek - Morse Creek

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



Recommended Equipment

4	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
400	Feet	Line - 3/8” poly line
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Morse Creek Upper STR-52



STR-52 Photo: View of the bridge from the eastern shore, looking upriver. Taken at low spring water.



Site Contact

Four Season's Ranch Golf Course
Land/Property Owner : VP

Port Angeles, WA
360-477-2701

Nearest Address

1123 Strait View Drive
Port Angeles, WA 98362

Driving Directions

1. Start at 257173 US 101 Port Angeles
2. Go west on US-101 (Pacific Coast Scenic Bywy) toward US-101 E (4.63 miles)
3. Turn right on Strait View Dr (1.05 miles)
4. Turn left at Sea View Dr to stay on Strait View Dr (0.08 miles)
5. Finish at 1123 Strait View Drive, 98362, on the left

Morse Creek Lower — STR-53

Position - Location:	48° 7.017', -123° 21.199'	48° 7' 1.0", -123° 21' 12.0"	48.11695, -123.35332	Port Angeles

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

Implementation: Drive or walk boom to east bank of creek. Use waders or hand-launch boat to cross creek and secure anchor at A above high water line. Extend 200 ft of boom downstream and across to east bank and secure to shore at B. Adjust locations of anchors and boom as needed for conditions. If water is too low for effective boom, use sorbent.

Staging Area: Onsite: Stage at parking areas at the end of Strait View Drive.

Site Safety: Active Golf Course; Slips, Trips, and Falls; Water Hazard

Field Notes: Connection between creek and Strait will change over time and width of creek neck may change daily with tide.

Watercourse: Creek - Morse Creek with tidal influence

Resources at Risk: Resident Fish, Salmonids, Shorebirds, 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
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Morse Creek Lower STR-53



STR-53 Photo: View of the mouth of Morris Creek from the beach, creek right, looking south. Taken at low spring water.



Site Contact

Four Season's Ranch Golf Course
Land/Property Contact : VP

Port Angeles, WA
360-477-2701

Nearest Address

1123 Strait View Drive
Port Angeles, WA 98362

Driving Directions

1. Start at US 101 Port Angeles
2. Go west on US-101 (Pacific Coast Scenic Bywy) toward US-101 E (4.63 miles)
3. Turn right on Strait View Dr (1.05 miles)
4. Turn left at Sea View Dr to stay on Strait View Dr (0.08 miles)
5. Finish at 1123 Strait View Drive, 98362, on the left

Siebert Creek — STR-54

Position - Location:	48° 7.218', -123° 17.375'	48° 7' 13.1", -123° 17' 22.5"	48.12030, -123.28959	Port Angeles

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

Implementation: Transport 200ft of boom to site by truck or ATV. Deploy boom to block narrow connection from creek to Strait. Extend remaining boom along rocky berm to prevent high tide from overtopping into lagoon. Use shoreside anchoring posts or existing structures, and adjust boom and anchors as needed for conditions.

Staging Area: Onsite: Steep dirt road to site may be too slippery to drive in rain. Chain at road entrance is unlocked, just pull.

Site Safety: Steep Muddy Trail/Road; Cliffs; Large Woody Debris; Cobble; Slips, Tips, and Falls; Water Hazard

Field Notes: Road is too muddy to drive safely in rain, may be safer with ATV. Beach landing is treacherous. Cliffs on either side of creek drainage. High seasonal flow. Land owned by Greenpoint Foundation.

Watercourse: Creek - Brackish lagoon with high tide connection to Strait

Resources at Risk: Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B3 (River Boom) or equivalent
200	Feet	Line - 3/8" poly line
1	Each	Waders

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Siebert Creek STR-54



STR-54 Photo: Siebert Creek pool behind rocky berm, which will overtop at high tide. Taken at low tide, summer water.



Site Contact

Green Point Foundation
Emergency Contact : Property Manager

Port Angeles, WA 98362
360-452-2619

Nearest Address

856 Gehrke Road
Port Angeles, WA 98362

Driving Directions

1. Start at US-101 W near Sequim
2. Go west on US-101 W
3. Turn right on Lewis Rd (1.05 miles)
4. Turn left on Old Olympic Hwy, then turn right on Wild Currant Way (0.14 miles)
5. Turn right on Gehrke Rd (0.84 miles)
6. Continue past houses and enter private road past signs for Green Point.
7. Follow road north to small parking area. Just left of the parking area is a dirt side road with a chain and crab floats between poles.
8. Pull down the chain and proceed with extreme caution, walk it first for safety. In mud, A TRUCK WILL SLIDE OFF THE CLIFF.

McDonald Creek — STR-55

Position - Location:	48° 7.529', -123° 13.211'	48° 7' 31.8", -123° 13' 12.6"	48.12549, -123.22018	Port Angeles

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

Implementation: Transport 300ft boom to site using workboat. Using shallow boat or waders, deploy boom in an uneven chevron between A and C, with 200 ft between A and B to prevent overtopping of sandbar at high tide. Secure boom to existing features or use shoreside anchoring systems. Adjust boom angle and anchors as needed based on conditions.

Staging Area: Remote: Stage and boat launch at Dungeness Landing County Park boat launch in Sequim

Site Safety: Eroding Cliffs; Slips, Trips, Falls; Water Hazard; High-Flow Seasonal Creek; Shallow Landing Area on Beach

Field Notes: Sandbar moves creek outflow spot. Creek drains steep ravine into pond, limited foot access via trail. Equipment access by boat.

Watercourse: Creek - McDonald Creek with tidal influence

Resources at Risk: Forage Fish, Raptors, Resident Fish, Salmonids, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Line - 3/8" poly line
1	Each	Waders
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

McDonald Creek STR-55



STR-55 Photo: View of the mouth of McDonald Creek from the Strait looking south.



Site Contact

McDonnell Creek Ranch Owners Association
Land/Property Owner : Landowner

Sequim, WA
360-362-9776

Nearest Address

298 Oyster House Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO DUNGENESS BOAT LAUNCH
1. Start at US 101 Port Angeles
2. Go east on US-101 (Pacific Coast Scenic Bywy) toward US-101 W (2.85 miles)
3. Bear left on Kitchen Dick Rd (1.46 miles)
4. Turn right on Old Olympic Hwy (1.68 miles)
5. Continue on Cays Rd (2.52 miles)
6. Turn right on E Anderson Rd (1.16 miles)
7. Turn left on Marine Dr (0.29 miles)
8. Turn right on Oyster House Rd (0.25 miles)
9. Finish at 298 Oyster House Rd., 98382, on the right

Inner Graveyard Spit Estuary — STR-60

Position - Location:	48° 10.480', -123° 8.449'	48° 10' 28.8", -123° 8' 26.9"	48.17467, -123.14081	Sequim

Strategy Objective: Exclusion : Keep oil out of the tidal estuary on Graveyard Spit

Implementation: Using shallow-water workboat, transport 600 ft of boom to inside corner of Graveyard Spit. Secure across channel entrance at high tide line between A and C and pull midpoint into Bay to create a chevron, at B. Adjust as needed for conditions. When possible, anchor to existing features.

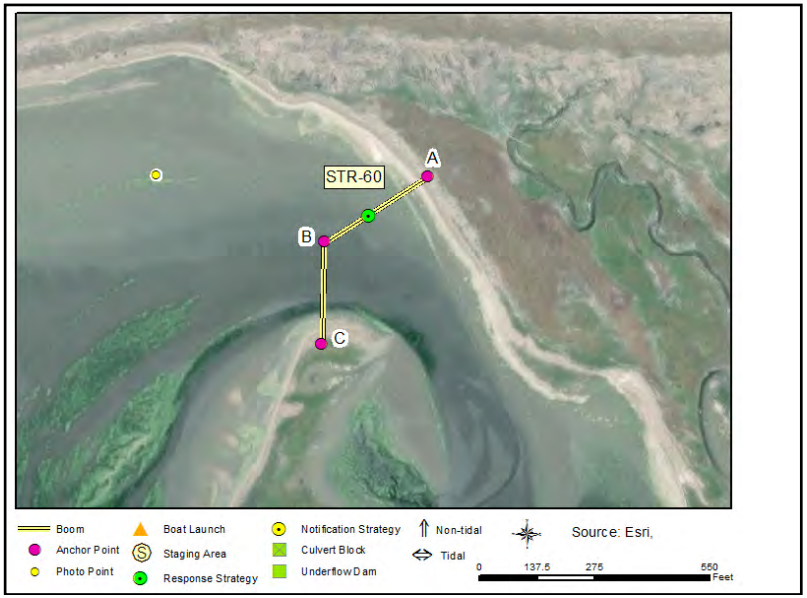
Staging Area: Remote: Launch shallow boat from Cline Spit park inside Bay.

Site Safety: Water Hazard; Shallow Water; Drift Logs; Wildlife; Slips, Trips, Falls

Field Notes: Very shallow muddy bay with piles of driftwood logs along banks. Seasonally extreme winds may bring waves overtop of spit.

Watercourse: Bay - Very shallow water even at high tide.

Resources at Risk: Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Inner Graveyard Spit Estuary STR-60



STR-60 Photo: Aerial photo of entrance to estuary, looking SE from plane. 2016.



Site Contact

Dungeness National Wildlife Refuge (USFWS)
Primary Contact :
360-460-5407

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

199 Cline Spit Rd.
Sequim, WA 98382

Driving Directions

1. Start at US 101 Blyn WA
2. Go southwest on US-101 (7.51 miles)
3. Take the exit on the right to Sequim Ave toward City Center (0.26 miles)
4. Turn right on S Sequim Ave (1.4 miles)
5. At the roundabout, take the second exit onto N Sequim Ave (0.21 miles)
6. Continue forward on Sequim-Dungeness Way (1.31 miles)
7. At the roundabout, take the second exit onto Sequim-Dungeness Way (2.12 miles)
8. Continue forward on E Anderson Rd (0.44 miles)
9. Turn right on Twin View Dr (0.56 miles)
10. Turn right on Marine Dr (0.59 miles)
11. Bear right on Cline Spit Rd (0.29 miles)
12. Finish at 199 Cline Spit Road, 98382, on the left

Cline Spit - West Side STR-61

Position - Location:	48° 9.045', -123° 9.214'	48° 9' 2.7", -123° 9' 12.8"	48.15075, -123.15356	Sequim

Strategy Objective: Exclusion : Keep oil off the shoreline at the western base of Cline Spit

Implementation: Secure 800ft of boom to southern edge of boat launch, at A. Extend boom south and anchor near Point B at the edge of the treeline. Use existing features for anchors when possible. Pull midpoint of boom out to create chevron and secure with anchors as needed for conditions.

Staging Area: Onsite: Stage boom and launch boats onsite or at John Wayne Marina.

Site Safety: Active Boat Launch; Shallow Water; Wildlife; Slips, Trips, and Falls; Strong Currents; Water Hazard

Field Notes: Strong tidal currents. Launch boat onsite (<17 ft) or from John Wayne Marina.

Watercourse: Bay - Dungeness Bay

Resources at Risk: County Park, Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
800	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Cline Spit - West Side STR-61



STR-61 Photo: Strategy location from water near boat launch, looking SE.



Site Contact

Dungeness National Wildlife Refuge
Call for Local Conditions :
360 457-8451

Clallam County Parks, Fair & Facilities Department
Land/Property Contact : Land Manager
360-417-2291

Nearest Address

Cline Spit Road
Sequim, WA 98382

Driving Directions

1. Take US 101 west towards Sequim
2. Take the exit on the right to Sequim Ave toward City Center (0.26 miles)
3. Turn right on S Sequim Ave (1.4 miles)
4. At the roundabout, take the second exit onto N Sequim Ave (2.41 miles)
5. At the roundabout, take the second exit onto Sequim-Dungeness Way (2.56 miles)
6. Turn right on Twin View Dr (0.56 miles)
7. Turn right on Marine Dr (0.59 miles)
8. Bear right on Cline Spit Rd (0.16 miles)
9. Stage at the public boat launch on the left.

Cline Spit East — STR-62

Position - Location:	48° 9.134', -123° 8.845'	48° 9' 8.0", -123° 8' 50.7"	48.15223, -123.14742	Sequim

Strategy Objective: Exclusion : Keep oil off of beach near base of Cline Spit

Implementation: Transport 1000 ft of boom to beach and secure to shore at treeline, near A. Extend boom west and secure to western concrete structure, at C. If conditions require a shorter boom, secure to other concrete structure. Pull centerpoint of boom out into bay and secure at B to create chevron. Use additional in-water anchors as needed.

Staging Area: Remote: Stage boom and launch boats from Dungeness Landing County Park (SA-STR-226).

Site Safety: Shallow Water; Driftwood Logs; Strong Currents; Slips, Trips, and Falls; Water Hazard

Field Notes: USFWS property, contact for assistance. Access from water only. No trespassing signs posted. Strong current in this area.

Watercourse: Bay - Dungeness Bay at Cline Spit

Resources at Risk: Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (Contractor Boom) or equivalent
200	Feet	Line - 3/8” poly line
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Cline Spit East STR-62



STR-62 Photo: Aerial view of SE base of Cline Spit, from treeline to 2 concrete structures.



Site Contact

Dungeness National Wildlife Refuge (USFWS)
Primary Contact :
360-460-5407

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

298 Oyster House Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA AT DUNGENESS LANDING COUNTY PARK (SA-STR226).
1. Start at 268129 US 101 Sequim
2. Go west on US-101 (Pacific Coast Scenic Bywy) toward Palo Alto Rd (3.11 miles)
3. Take ramp on the right to Sequim Ave toward City Center (0.26 miles)
4. Turn right on S Sequim Ave (1.4 miles)
5. At roundabout, take the second exit to proceed on N Sequim Ave (0.21 miles)
6. Continue on Sequim-Dungeness Way (3.41 miles)
7. Continue on E Anderson Rd (0.44 miles)
8. Turn right on Twin View Dr (0.56 miles)
9. Turn right on Marine Dr and immediately turn right on Oyster House Rd (0.26 miles)
10. Finish at 298 Oyster House Road, 98382, on the right

Old Town Slough — STR-63

Position - Location:	48° 9.005', -123° 8.300'	48° 9' .3", -123° 8' 18.0"	48.15008, -123.13833	Sequim

Strategy Objective: Exclusion : Keep oil out of Old Town Slough.

Implementation: Transport 200 ft of boom to Dungeness Landing boat launch and then carry or drive ATV east to slough. Anchor one end of boom to shore at A, then use line throwing device or cross water in waders to secure boom on opposite shore at B. Adjust boom and use additional anchors as needed, based on conditions.

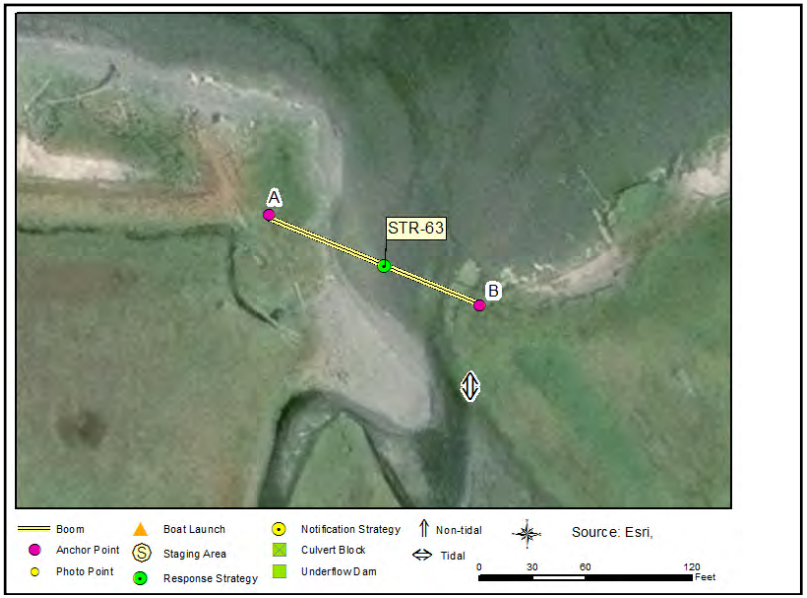
Staging Area: Onsite: Access from Dungeness Landing or Rivers End Rd to east. May be accessible by boat at high tide.

Site Safety: Slips, Trips, and Falls; Water Hazard

Field Notes: Slough and area east of park is privately owned, alert owner of activity or for gate access. Walkable with waders at all tide levels. Sandy beach with gravel.

Watercourse: Slough - Old Town Slough with tidal influence

Resources at Risk: Crabs, Eelgrass, Forage Fish, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B3 (River Boom) or equivalent
200	Feet	Line - 3/8" poly line
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Old Town Slough STR-63



STR-63 Photo: Aerial photo from 2016 of Old Town Slough and county park.



Site Contact

Dungeness Beach Association
Land/Property Contact : Old Town Slough
360-808-0196

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

298 Oyster House Rd.
Sequim, WA 98382

Driving Directions

1. Start at 268129 US 101 Sequim
2. Go west on US-101 (Highway 101)
3. Take ramp to Sequim Ave toward City Center
4. Turn right on S Sequim Ave
5. At roundabout, take 2nd exit to proceed north on N Sequim Ave
6. Continue on Sequim-Dungeness Way (Sequim Dungeness Way)
7. Continue on E Anderson Rd
8. Turn right on Twin View Dr
9. Turn right on Marine Dr
10. Turn right on Oyster House Rd
11. Finish at 148 Oyster House Rd., 98382, on the right

Dungeness River STR-64

Position - Location:	48° 9.191', -123° 7.786'	48° 9' 11.5", -123° 7' 47.1"	48.15319, -123.12976	Sequim

Strategy Objective: Exclusion : Keep oil out of the Dungeness River.

Implementation: Transport 400 ft of boom to site using an ATV. Deploy boom at an angle, anchoring at B as island and drift logs allow. Use waders or handlaunch skiff to cross river and secure upstream at A. Adjust boom and use additional anchors as needed, based on conditions.

Staging Area: Onsite: ATV access via Dungeness Farms Hunt Club. Levee trail with permission.

Site Safety: Shooting Club; Hunters; Slips, Trips, and Falls; Water Hazard

Field Notes: Dungeness Farms Hunt Club are property owners, for safety contact before access. May lend ATV. Levee road will hold ATV. Last few yards walking trail to river. Also contact Jamestown S'Klallam Tribe.

Watercourse: River - With Tidal Influence - Dungeness River

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



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B2 (Contractor Boom) or equivalent
300	Feet	Line - 3/8” poly line
1	Each	Line throwing gun(s) or device(s)
1	Each	Waders

Recommended Personnel

3	Laborer
1	Supervisor

Dungeness River STR-64



STR-64 Photo: Dungeness River from east bank, looking across and upstream of island at mouth. Taken Aug 2022.



Site Contact

Dungeness Farms Hunt Club
Pre-Notification Required : Landowner and Safety Contact
360-460-4513

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

50 Abernathy Rd
Sequim, WA 98382

Driving Directions

1. Start at US-101 Sequim
2. Go northwest on US-101 (1.77 miles)
3. Take the exit on the right to Sequim Ave toward City Center (0.26 miles)
4. Turn right on S Sequim Ave (1.4 miles)
5. At the roundabout, take the second exit onto N Sequim Ave (0.21 miles)
6. Continue forward on Sequim-Dungeness Way (1.31 miles)
7. At the roundabout, take the second exit onto Sequim-Dungeness Way (2.12 miles)
8. Turn right at E Anderson Rd to stay on Sequim-Dungeness Way (0.5 miles)
9. Turn left on Abernathy St (0.05 miles)
10. Turn left at 50 Abernathy St, signs for Dungeness Farms Hunt Club. Access to levy trail is NW of garage and building.

Dungeness Spit cove — STR-65

Position - Location:	48° 10.521', -123° 7.818'	48° 10' 31.3", -123° 7' 49.1"	48.17535, -123.13030	Sequim

Strategy Objective: Exclusion : Keep oil out of the small Dungeness Spit cove.

Implementation: Deploy 200 ft sections of boom across any inlets to exclude oil from cove. Dynamic area; may want a monitor on site. May have to change boom location to effectively exclude oil. Berm may breach in other spots due to shifting sands and storms. Adjust boom angle and anchors as needed based on conditions.

Staging Area: Remote: Stage and launch boat at Dungeness Landing County Park (high tide only) or John Wayne Marina.

Site Safety: Slips, Trips, and Falls; Water Hazard

Field Notes: Opening to cove moves and splits often. Sand and mud beach. Access from water only. Alert USFWS to activity. Strong current in this area.

Watercourse: Cove - Dungeness Spit Cove

Resources at Risk: Crabs, Eelgrass, Forage Fish, Marine Mammals, Raptors, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands, Wildlife Refuge



Recommended Equipment

4	Each	Anchoring System(s)- Shoreside
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

Dungeness Spit cove STR-65



STR-65 Photo: View of Cline Spit lagoon taken from the water facing N to larger connection (as of 5/2019)



Site Contact

Dungeness National Wildlife Refuge
Pre-Notification Required :
360 457-8451

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

298 Oyster House Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA - DUNGENESS LANDING COUNTY PARK (SA-STR-226).
1. Start at US-101 Sequim
2. Go west on US-101 (Pacific Coast Scenic Bywy) (1.75 miles)
3. Take ramp on the right to Sequim Ave toward City Center (0.26 miles)
4. Turn right on S Sequim Ave (1.4 miles)
5. At roundabout, take the second exit to proceed on N Sequim Ave (0.21 miles)
6. Continue on Sequim-Dungeness Way (3.41 miles)
7. Continue on E Anderson Rd (0.44 miles)
8. Turn right on Twin View Dr (0.56 miles)
9. Turn right on Marine Dr and immediately turn right on Oyster House Rd (0.26 miles)
10. Finish at 298 Oyster House Road, 98382, on the right

Meadowbrook Creek STR-66

Position - Location:	48° 9.099', -123° 7.336'	48° 9' 5.9", -123° 7' 20.1"	48.15165, -123.12226	Sequim

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

Implementation: From land at A, deploy 300 ft of boom across creek in deepest water and secure above tideline at B. Adjust boom angle and anchors as needed based on conditions.

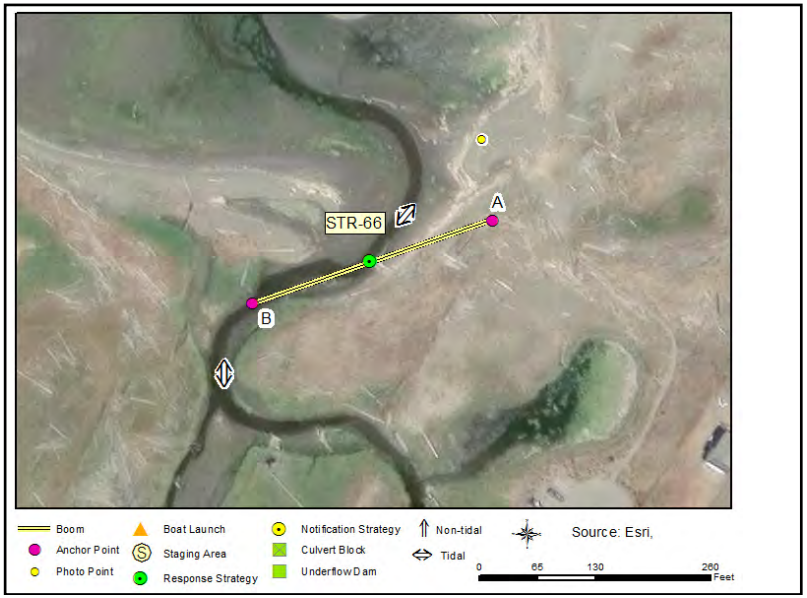
Staging Area: Onsite: Stage and access site from WDFW parking area on 3 Crabs Road.

Site Safety: Shooting Club; Hunters; Public Beach; Driftwood Logs; Slips, Trips, and Falls; Water Hazard

Field Notes: WDFW restoration site and Dungeness Farms private tidelands. Very shallow and changes often so adjust boom to channel.

Watercourse: Creek - Meadowbrook Creek with tidal influence. Multiple channels.

Resources at Risk: Crabs, Eelgrass, Habitat Restoration Site, Resident Fish, Salmonids, Shellfish, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
1	Each	Waders

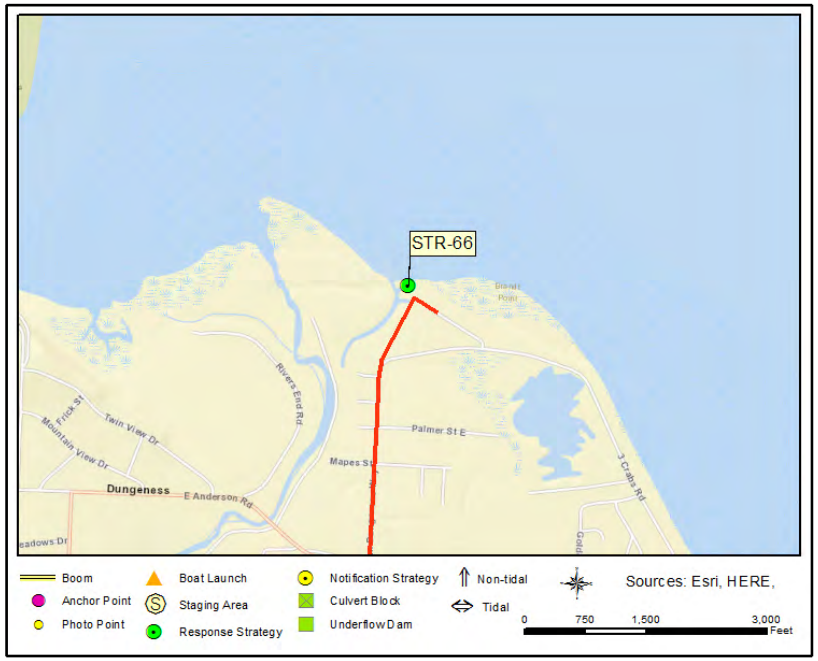
Recommended Personnel

2	Laborer
1	Supervisor

Meadowbrook Creek STR-66



STR-66 Photo: Meadowbrook Creek from NE anchor point. Taken Aug 2022.



Site Contact

Dungeness Farms Hunt Club
Land/Property Contact : Landowner and Safety Contact
360-460-4513

WDFW Enforcement Dispatch
Alternate Contact : 24/7 dispatch
360-902-2936

Nearest Address

61 3 Crabs Road
Sequim, WA 98382

Driving Directions

1. Start at 268129 US 101 Sequim
2. Go west on US-101 (Pacific Coast Scenic Bywy) toward Palo Alto Rd (3.11 miles)
3. Take ramp on the right to Sequim Ave toward City Center (0.26 miles)
4. Turn right on S Sequim Ave (1.4 miles)
5. At roundabout, take the second exit to proceed on N Sequim Ave (0.21 miles)
6. Continue on Sequim-Dungeness Way (3.41 miles)
7. Turn right at E Anderson Rd to stay on Sequim-Dungeness Way (0.71 miles)
8. Turn right on 3 Crabs Rd (0.07 miles)
9. Finish at 61 3 Crabs Road, 98382, on the left

Bell Creek Lagoon STR-70

Position - Location:	48° 4.867', -123° 2.709'	48° 4' 52.0", -123° 2' 42.5"	48.08112, -123.04515	Sequim

Strategy Objective: Exclusion : Keep oil out of the lagoon

Implementation: Deploy 1200 ft of boom across the lagoon opening. At Point A, anchor boom to pilings. Secure boom to shore near Point C. At boom mid-point, extend boom into a chevron and anchor near Point B. Adjust boom angle and anchors as needed based on conditions.

Staging Area: Remote: Stage and launch from John Wayne Marina. Call PNNL for parking lot access if needed.

Site Safety: Slips, Trips, and Falls; Water Hazard

Field Notes: Contact Jamestown S'Klallam Cultural Resources before arriving. Do not disturb soil south of lagoon. Strong tidal currents. Call PNNL Lab for access to parking lot and beach if needed.

Watercourse: Lagoon - Bell Creek Lagoon

Resources at Risk: Eelgrass, Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

5	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1200	Feet	Boom - B2 (Contractor Boom) or equivalent
300	Feet	Line - 3/8” poly line
1	Each	Waders
2	Each	Workboat(s) - shallow-water

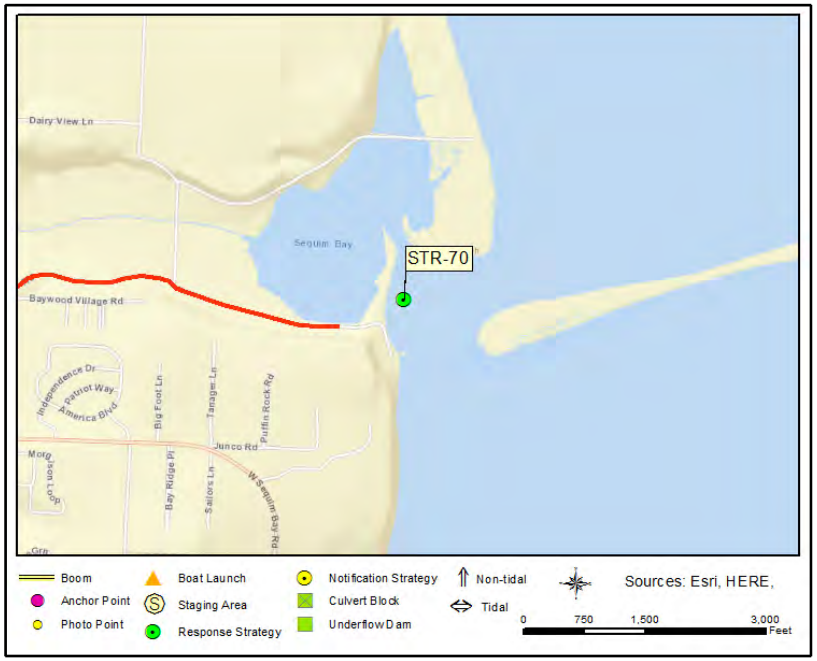
Recommended Personnel

2	Boat Operator
4	Laborer
1	Supervisor

Bell Creek Lagoon STR-70



STR-70 Photo: View of Washington Harbor taken from the hill at the Pacific Northwest Marine Lab looking west.



Site Contact

Pacific Northwest National Laboratory-Sequim
Pre-Notification Required : Facility Manager
509-378-4553

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

1033 Washington Harbor Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO PNNL LABS PARKING LOT
1. Start at 268129 US 101 Sequim
2. Go northwest on US-101 (Highway 101)
3. Take ramp to Washington St
4. Continue on E Washington St
5. Turn right on N Rhodefer Rd
6. Turn right on W Sequim Bay Rd
7. Turn left on Washington Harbor Rd
8. Finish at 1033 Washington Harbor Rd., 98382, on the left

PNNL Beach — STR-71

Position - Location:	48° 4.717', -123° 2.696'	48° 4' 43.0", -123° 2' 41.8"	48.07862, -123.04494	Sequim

Strategy Objective: Exclusion : Keep oil off shoreline south of the PNNL dock

Implementation: Using boat, secure 800 ft of boom to high tide piling on the facility dock, at A. Extend boom S parallel to shore and secure using shoreside anchor, near the southern tree growing out of the cliff, at B (48.076834, -123.045357). Do not adjust either of these anchor points. Pull midpoint of boom into bay to create a chevron and set anchor at C. Use additional anchors in the water as needed to keep boom secure.

Staging Area: Remote: Stage and launch from John Wayne Marina

Site Safety: Water Hazard; Slips, Trips, Falls

Field Notes: Alert PNNL Security before arriving. Minimize ground disturbance when possible. Consult with Jamestown S'Klallam Tribe before adjusting anchors.

Watercourse: Bay - Sequim Bay near entrance - high currents in main channel

Resources at Risk: Forage Fish, Historic Register Site, Resident Fish, Salmonids, Sensitive Resources, Shellfish



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
900	Feet	Boom - B2 (18" to 42")
1	Each	Bridle(s) - Piling (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

PNNL Beach STR-71



STR-71 Photo: Looking SE towards anchor point B, marked in photo.



Site Contact

Pacific Northwest National Laboratory-Sequim
Pre-Notification Required : Facility Manager
509-378-4553

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA AND BOAT LAUNCH:
1. Take US-101 west towards Clallam County
2. Turn right on W Sequim Bay Rd (1.28 miles)
3. Turn right at signs for John Wayne Marina. 2577 W Sequim Bay Rd., 98382
4. Boat launch is to the left, larger parking area to the right.

Sequim Bay W bank — STR-72

Position - Location:	48° 3.933', -123° 2.559'	48° 3' 56.0", -123° 2' 33.5"	48.06555, -123.04265	Sequim

Strategy Objective: Exclusion : Keep oil off of shoreline.

Implementation: Access site by boat and deploy 600 ft of boom to protect the shoreline. From Point A, extend the boom north and secure at Point B. If possible, use rope to anchor to riprap or other existing features. Adjust boom angle and anchors as needed based on conditions.

Staging Area: Remote: Stage at John Wayne Marina and access site by boat.

Site Safety: Slips, Trips, and Falls; Water Hazards

Field Notes: Stage at John Wayne Marina and access site by boat. Entrance to bay can be very shallow depending on tides. Strong tidal currents. High winds can cause rough water even in this relatively protected area.

Watercourse: Bay - Sequim Bay

Resources at Risk: Resident Fish, Salmonids, Sensitive Resources



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (Contractor Boom) or equivalent
200	Feet	Line - 3/8” poly line
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Sequim Bay W bank STR-72



STR-72 Photo: Photo of the shoreline just north of the John Wayne Marina taken from the NW corner of the marina property looking to the north.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Port of Port Angeles
Land/Property Contact : Harbormaster
360-457-4505

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREAS - JOHN WAYNE MARINA (SA-STR264).
1. Start at 268129 US 101 Sequim
2. Go northwest on US-101 (Pacific Coast Scenic Bywy) toward Palo Alto Rd (0.91 miles)
3. Make sharp right on Whitefeather Way (0.55 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Turn right to stay on W Sequim Bay Rd ()
6. Turn right into the John Wayne Marina, 2577 W Sequim Bay Rd, 98382.
7. Follow road to the left to trailer parking and stage at the northern edge of the parking lot.

John Wayne Marina Exclusion — STR-73

Position - Location:	48° 3.883', -123° 2.413'	48° 3' 53.0", -123° 2' 24.8"	48.06471, -123.04022	Sequim

Strategy Objective: Exclusion : Keep oil in or out of the marina

Implementation: Secure 200 ft of boom to jetty south of marina entrance at A and extend at an angle NW towards Pitship Point, anchoring at B near mid-channel. Secure another 200ft of boom to the dock piling nearest the entrance at C and extend NE, pointing towards the middle of the other boom, and anchor near mid-channel at D to keep a passage open for boats. If marina is not being used, move boom to close chevron. Adjust boom angle and anchors as needed based on conditions. If oil collects on shoreline, skim from C.

Staging Area: Onsite: John Wayne Marina

Site Safety: Rip Rap; Boat Traffic; Fuel Dock; Slips, Trips, and Falls; Parking Lot Traffic; Water Hazard

Field Notes: Strong currents in area

Watercourse: Bay - Sequim Bay

Resources at Risk: Marina, Marine Mammals, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B2 (Contractor Boom) or equivalent
400	Feet	Line - 1/2" poly line
1	Each	Vac Truck or Skimmer and Storage (if collection)
2	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

2	Boat Operator
4	Laborer
1	Supervisor

John Wayne Marina Exclusion STR-73



STR-73 Photo: Looking into the entrance to the marina.



Site Contact

John Wayne Marina
Private Owner : Harbormaster
360-417-3440

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

2577 W Sequim Bay Road
Sequim, WA 98382

Driving Directions

1. Start at 268129 US 101 Sequim
2. Go northwest on US-101 (Pacific Coast Scenic Bywy) toward Palo Alto Rd (0.91 miles)
3. Make sharp right on Whitefeather Way (0.55 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Turn right to stay on W Sequim Bay Rd ()
6. Turn into John Wayne Marina at 2577 W Sequim Bay Road, 98382, on the right

Pitship Point — STR-74

Position - Location:	48° 3.658', -123° 2.472'	48° 3' 39.5", -123° 2' 28.3"	48.06097, -123.04120	Sequim

Strategy Objective: Exclusion : Keep oil off of Pitship Point shoreline near Johnson Creek tideflat

Implementation: Using boat, secure 1000 ft of boom to marina jetty at edge of tideflat, at A. Extend west towards western parking lot and secure as close to SW corner of parking lot as possible, at C. Pull midpoint into bay to create chevron and anchor at B. Use additional inline anchors as needed to secure boom. Avoid ground disturbance where possible.

Staging Area: Remote: Stage and launch from adjacent John Wayne Marina

Site Safety: Water Hazard; Slips, Trips, Falls; Rip Rap

Field Notes: Mudflat of stream meeting Sequim bay. Jetty around marina is rip rap.

Watercourse: Bay - Sequim Bay at Johnson Creek

Resources at Risk: Mud Flat(s), Resident Fish, Salmonids, Sensitive Resources, Shellfish, Waterfowl



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Pitship Point STR-74



STR-74 Photo: Looking north at Johnson Creek tideflat. Anchor location B on far left of photo.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Port of Port Angeles
Land/Property Contact : Harbormaster
360-457-4505

Nearest Address

2577 W Sequim Bay Rd
Sequim, WA 98382

Driving Directions

1. Start at US-101 Port Townsend
2. Go west on US-101 toward Sequim
3. Turn right on W Sequim Bay Rd (1.28 miles)
4. Turn right at sign for John Wayne Marina, at 2577 W Sequim Bay Rd, 98382

5. Boat launch is left, parking area and strategy is to the right.

W Sequim Bay Road Salt Marsh — STR-75

Position - Location:	48° 3.556', -123° 2.732'	48° 3' 33.4", -123° 2' 43.9"	48.05927, -123.04554	Sequim

Strategy Objective: Exclusion : Keep oil out of salt marsh

Implementation: Deploy 100 feet of boom across bay side of road bridge, securing with shoreside anchors at A and B. Adjust as needed for conditions. At high tide could deploy by boat.

Staging Area: Onsite: Stage in rental cabin driveway or at nearby John Wayne Marina and walk on beach to site.

Site Safety: Road and Traffic Hazard; Water Hazard; Slips, Trips, Falls

Field Notes: If needed, follow WSDOT safety guidelines for lane closure and flaggers. No shoulder. Narrow connection from Sequim Bay to vegetated salt marsh. Beach is walkable at low tide; potential boat access at high tide.

Watercourse: Salt Marsh - Marsh connects to Sequim Bay under road

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



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - shallow-water

Recommended Personnel

2	Laborer
1	Supervisor

W Sequim Bay Road Salt Marsh STR-75



STR-75 Photo: Looking north at the strategy with parking area in the background. Taken near high tide in low spring water.



Site Contact

Port of Port Angeles
Land/Property Contact : Harbormaster

Port Angeles, WA
360-457-4505

Nearest Address

2801 W Sequim Bay Road
Sequim, WA 98382

Driving Directions

1. Start at 270713 US-101 Sequim
2. Go northwest on US-101 toward Corriea Rd / W Old Blyn Hwy (2.15 miles)
3. Turn right on W Sequim Bay Rd (1.01 miles)
4. The site is on the bridge. There is a small private parking area 500 feet past the site, at the corner of Whitefeather Way.

5. At low tide, deploy via boat from John Wayne Marina.

Schoolhouse Point STR-76

Position - Location:	48° 2.135', -123° 1.112'	48° 2' 8.1", -123° 1' 6.7"	48.03558, -123.01853	Sequim

Strategy Objective: Exclusion : Keep oil off of shoreline south of Schoolhouse Point

Implementation: Secure 1000 ft of boom to Point, at A. Extend south and secure near stream, at C. Pull midpoint to make chevron and set anchor at B. Whenever possible, use existing features to secure boom.

Staging Area: Remote: Stage and launch from John Wayne Marina

Site Safety: Water Hazard; Slips, Trips, Falls

Field Notes: Sandy beach with cliffs. Tribal monitor advised for deployment or prior to making adjustments.

Watercourse: Bay - Sequim Bay

Resources at Risk: Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shorebirds, Wetlands



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Schoolhouse Point STR-76



STR-76 Photo: Southern beach of Schoolhouse Point.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Johnson and Gunstone Shellfish Company
Private Owner : Tidal lands contact
360-912-3620

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO JOHN WAYNE MARINA
1. Start at Highway 101 Sequim
2. Go west on US-101
3. Turn right on W Sequim Bay Rd (1.29 miles)
4. Turn right (0.06 miles)
5. Finish at 2577 W Sequim Bay Rd, 98382, on the left

Sequim Bay Lagoon STR-77

Position - Location:	48° 1.520', -122° 59.840'	48° 1' 31.2", -122° 59' 50.4"	48.02534, -122.99734	Blyn

Strategy Objective: Exclusion : Keep oil out of lagoon

Implementation: From land (or shallow boat at high tide), transport 300 ft of boom to site. Secure one end to shore behind the Jamestown S'Klallam Tribe offices, at A, and extend across the lagoon entrance to the sandy spit and secure at C. Anchor boom midpoint in central channel, at B. When possible, use existing features to secure boom.

Staging Area: Onsite: At low tide stage onsite; at high tide launch from John Wayne Marina

Site Safety: Water Hazard; Slips, Trips, Falls; Mud; Shellfish Traps

Field Notes: Coordinate with Jamestown S'Klallam Tribe. Shallow tidal lagoon. Walkable with waders in most tide levels. Sand spit is dry in most conditions.

Watercourse: Lagoon - Walkable at low tide, shallow boat access at high tide

Resources at Risk: Crabs, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Tribal Lands/Resources, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
1	Each	Waders
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Sequim Bay Lagoon STR-77



STR-77 Photo: From sand spit at low tide, looking SE across lagoon to Jamestown S'Klallam Tribe offices.



Site Contact

Jamestown S'Klallam Tribe
Primary Contact :
1033 Old Blyn Highway
Sequim, WA
360-681-4618

Nearest Address

1033 Old Blyn Highway
Blyn, WA 98382

Driving Directions

Directions from Port Angeles to Jamestown S'Klallam Tribe:
1. Start at US 101 East Port Angeles
2. Go southeast on US-101 (E 1st St) toward Sequim (23.08 miles)
3. Make a sharp left on Blyn Xing, then make a sharp right on Old Blyn Hwy (0.35 miles)
4. Turn left into the larger parking lot by the totem poles and largest building. (0.03 miles)
5. The site can be accessed by walking path between the two buildings, behind the totem poles.

Travis Spit Lagoons — STR-78

Position - Location:	48° 4.943', -123° 1.425'	48° 4' 56.6", -123° 1' 25.5"	48.08239, -123.02375	Sequim

Strategy Objective: Exclusion : Keep oil out of lagoons at the base of Travis Spit

Implementation: Secure 400 ft of boom across entrance to lagoons, between A and C. Anchor to existing features where possible and minimize ground disturbance. Pull boom midpoint into chevron and anchor between navigation buoys, at B. Adjust as needed for conditions.

Staging Area: Remote: Stage at John Wayne Marina and access site by boat.

Site Safety: Slips, Trips, and Falls; Water Hazard

Field Notes: Deep water right up to edge of beach. Access spit beach by boat. Launch from John Wayne Marina.

Watercourse: Bay - Travis Spit

Resources at Risk: Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

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

Travis Spit Lagoons STR-78



STR-78 Photo: Entrance to lagoons from Sequim Bay, looking NE. White channel markers visible.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Pacific Northwest National Laboratory-Sequim
Call for Local Conditions : Facility Manager
509-378-4553

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA - JOHN WAYNE MARINA (SA-STR264).
1. Start at US-101 Sequim
2. Go northwest on US-101 (Pacific Coast Scenic Bywy) toward Palo Alto Rd (0.47 miles)
3. Make sharp right on Whitefeather Way (0.55 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Turn right to stay on W Sequim Bay Rd ()
6. Finish at 2577 W Sequim Bay Rd, 98382, on the right

Thompson Spit Beach (Miller Peninsula) STR-80

Position - Location:	48° 5.903', -122° 56.768'	48° 5' 54.2", -122° 56' 46.1"	48.09838, -122.94613	Sequim

Strategy Objective: Exclusion : Keep oil out of pond at high tide

Implementation: Using workboat, secure 800 ft of boom to shore east of pond outlet, near A. Extend west along shore and secure at C. Pull midpoint north into Strait to create chevron. At high tide water may overtop sand berm, use additional boom as needed to keep oil out of backwater.

Staging Area: Remote: Stage and launch from John Wayne Marina

Site Safety: Water Hazard; Cobble Beach; Slips, Trips, Falls

Field Notes: Cobble beach is wide at low tide. Start with sorbent if tide is too low to float boom. Connection between pond and Strait will vary, adjust boom and anchor points as needed.

Watercourse: Lagoon - Brackish lagoon fed by intermittent stream and high tide

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



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
800	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Thompson Spit Beach (Miller Peninsula) STR-80



STR-80 Photo: On beach looking west towards high tide connection and drainage site. Taken at low tide.



Site Contact

Washington State Parks and Recreation Commission
Land/Property Contact : General Number
360-902-8844

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina 2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Eagle Creek — STR-81

Position - Location:	48° 3.944', -122° 55.645'	48° 3' 56.6", -122° 55' 38.7"	48.06573, -122.92742	Sequim

Strategy Objective: Exclusion : Keep oil out of the Eagle Creek salt marsh

Implementation: Using workboat, secure 600 ft of boom to shore near A. Extend across creek opening and secure other end of boom near C. Pull midpoint into chevron and anchor at B. Use additional anchors and adjust boom placement as needed for conditions.

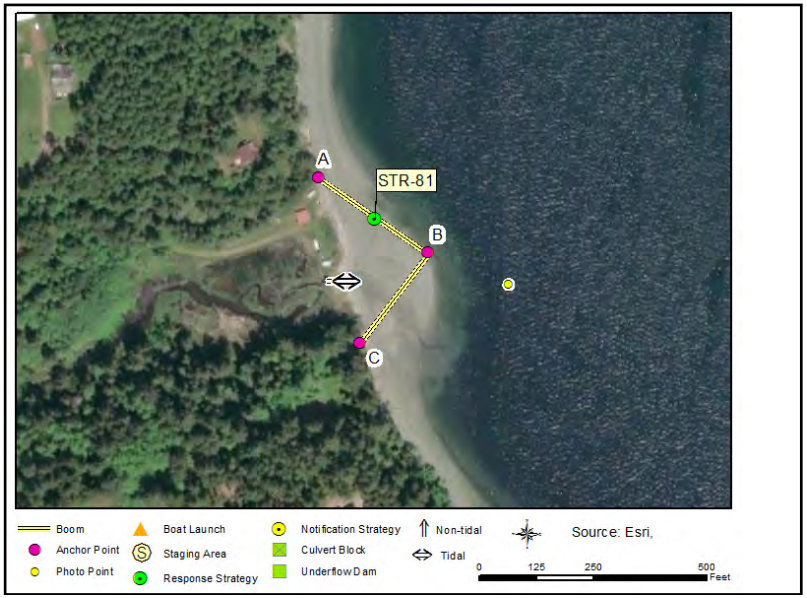
Staging Area: Remote: Stage and launch from Sequim or Gardiner's Bay

Site Safety: Private property; Water hazard; Slips, Trips, Falls

Field Notes: Low lying stream and salt marsh in a valley.

Watercourse: Bay - Discovery Bay

Resources at Risk: Marsh, Resident Fish, Salmonids



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Eagle Creek STR-81



STR-81 Photo: From boat, looking west at shoreline. Taken at low tide.



Site Contact

Johnson and Gunstone Shellfish Company
Private Owner : Tidal lands contact
PO Box 216
Port Townsend, WA 98368
360-912-3620

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina 2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Gardiner Beach Estuary — STR-82

Position - Location:	48° 3.376', -122° 54.716'	48° 3' 22.6", -122° 54' 43.0"	48.05627, -122.91194	Sequim

Strategy Objective: Exclusion : Keep oil out of estuary

Implementation: Using workboat, secure 500 ft of boom to western side of inlet, near A. Extend east across inlet and secure near C, then pull midpoint to B to form chevron. Use additional anchors and adjust boom placement as needed for conditions.

Staging Area: Remote: Stage and launch at Gardiner Boat Ramp, across street from salt marsh.

Site Safety: Water hazard; boat launch; slips, trips, falls

Field Notes: Sandy beach with driftwood logs. Private property adjacent to WDFW boat launch.

Watercourse: Salt Marsh - Discovery Bay lagoon

Resources at Risk: Marsh, Resident Fish, Salmonids, State Lands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Gardiner Beach Estuary STR-82



STR-82 Photo: From boat looking south at channel.



Site Contact

Port of Port Townsend
Security Contact : Property Managers
360-385-0656

Johnson and Gunstone Shellfish Company
Private Owner : Tidal lands contact
360-912-3620

Nearest Address

782 Gardiner Beach Rd.
Sequim, WA 98382

Driving Directions

1. Start at US Highway 101 Port Townsend
2. Go east on US-101 toward Holland Dr / Orcas Rd (4.79 miles)
3. Make a sharp right on Gardiner Beach Rd (0.1 miles)
4. Make a sharp left on Old Gardiner Rd, then turn right on Gardiner Beach Rd (0.5 miles)
5. Finish at 782 Gardiner Beach Rd., 98382, on the right

Contractor Point STR-83

Position - Location:	48° 2.713', -122° 52.489'	48° 2' 42.8", -122° 52' 29.3"	48.04521, -122.87481	Sequim

Strategy Objective: Exclusion : Keep oil off the shore south of the dock at Contractor Point

Implementation: Using workboat, secure 600 feet of boom to shore at edge of treeline, near A. Use a rope to pass through dock pilings, or split boom in half and secure on either side of the dock, about midway down the dock, near B. Secure other end of boom to shore at road edge, near C. Use additional anchors and adjust boom alignment as needed for conditions. Where possible, use natural features or anchor in already-disturbed areas.

Staging Area: Remote: Stage and launch from John Wayne Marina

Site Safety: Old Pilings; Private Property; Shellfish Pens, Nets, and Traps; Water Hazard; Slips, Trips, Falls

Field Notes: Shallow mudflats. Stream outflow is at the eastern base of the dock. Property owners have a shellfish company and may have pens, traps, and nets in the tidal zone.

Watercourse: Bay - Discovery Bay

Resources at Risk: Forage Fish, Historic Register Site, Resident Fish, Salmonids



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (18" to 42")
2	Each	Bridle(s) - Piling (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

Contractor Point STR-83



STR-83 Photo: From boat, looking N at treeline (left) and dock with old pilings at the end. Taken at low tide (2 ft)



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Johnson and Gunstone Shellfish Company
Private Owner : Tidal lands contact
360-912-3620

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina 2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Discovery Bay, W bank pocket estuary at Maynard — STR-84

Position - Location:	47° 59.879', -122° 52.759'	47° 59' 52.7", -122° 52' 45.5"	47.99798, -122.87931	Port Townsend

Strategy Objective: Exclusion : Keep oil out of pocket estuary.

Implementation: Use shallow boat to deliver boom to site. Use boat or waders to pull boom across entrance to lagoon and secure to both banks, between A and C. Pull midpoint of boom south to create chevron at B. Adjust as needed for conditions.

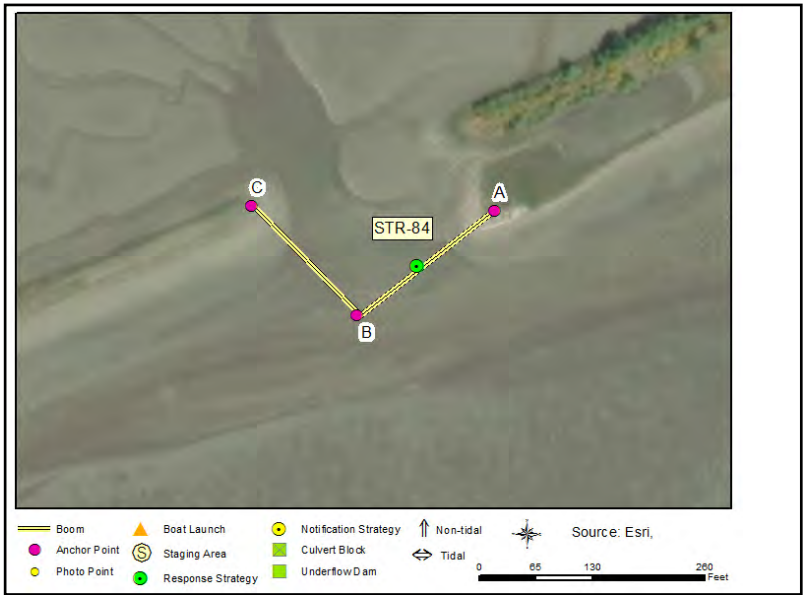
Staging Area: Remote: Limited trail access to site. Deploy sorbent until tide is high enough for boat to arrive.

Site Safety: Turn off from 101 can be high traffic area, take appropriate precautions.

Field Notes: Access from the trail off of Old Gardiner Rd to the N and Maynard Beach parking lot to the S. At low tide, walk across the beach at the northern end of the estuary. Access the southern shore on the trail between the two ponds.

Watercourse: Estuary - Discovery Bay pocket estuary with tidal influence

Resources at Risk: Eelgrass, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B3 (River Boom) or equivalent
200	Feet	Line - 1/2" poly line
1	Each	Line throwing gun(s) or device(s)
1	Each	Waders
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Discovery Bay, W bank pocket estuary at Maynard STR-84



STR-84 Photo: Discovery Bay pocket estuary at Maynard.



Site Contact

WDFW Enforcement Dispatch
Emergency Contact : 24/7 dispatch
360-902-2936

Jefferson County
Land/Property Contact : Land Manager
360-379-4450

Nearest Address

281732 US-101
Port Townsend, WA 98368

Driving Directions

DIRECTIONS TO SITE (LOW TIDE):
1. Start at 5737 WA 104 Quilcene
2. Go northwest on WA-104 (State Route 104)
3. At fork keep right on US-101 N toward Pt. Townsend/Pt. Angeles
4. Bear right on US-101 (Us Highway 101)
5. Turn right onto Old Gardiner Road and immediately pull onto shoulder / into paved trail area. Watch for recreation users.

.
DIRECTIONS TO BOAT LAUNCH AND STAGING:
1. Continue north on US-101 (3.3 mi)
2. Turn right onto Old Gardiner Road (2.2 mi)
3. Turn right onto Gardiner Beach Rd (0.6 mi)
4. Parking on left, boat ramp on right.

Discovery Bay SW Lagoon — STR-85

Position - Location:	47° 59.759', -122° 53.079'	47° 59' 45.5", -122° 53' 4.7"	47.99598, -122.88465	Port Townsend

Strategy Objective: Exclusion : Keep oil out of small lagoon in Discovery Bay.

Implementation: Walk 100 ft of boom across opening to the pond, between A and C. Pull midpoint of boom into chevron and anchor at Point B. Adjust anchor points and boom angle as needed for conditions. At high tide may use shallow boat to deliver equipment or deploy.

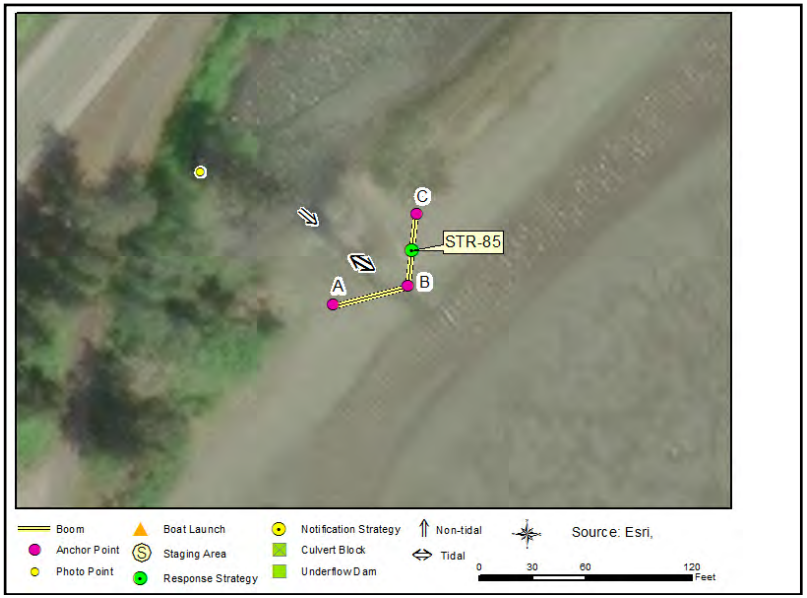
Staging Area: Onsite: Stage onsite at road shoulder, or at boat launch if high tide.

Site Safety: Road Hazard; Vegetation; Biking Trail; Rusty Metal; Slips, Trips, and Falls; Water Hazard

Field Notes: Mudflat adjacent. Can be deployed on foot at any tide level, or by boat at high tide.

Watercourse: Lagoon - Small lagoon off Discovery Bay with tidal influence

Resources at Risk: Eelgrass, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (Contractor Boom) or equivalent
1	Each	Waders

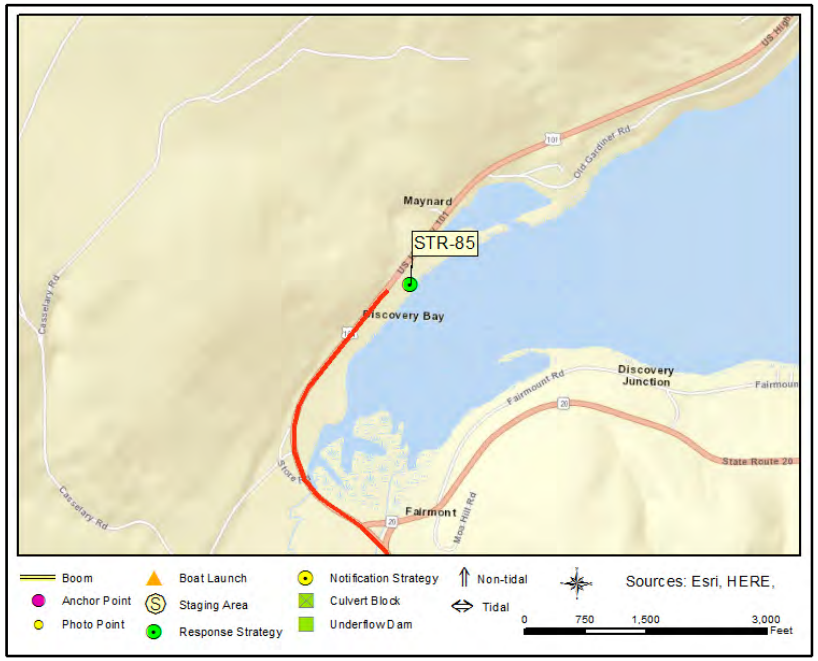
Recommended Personnel

2	Laborer
1	Supervisor

Discovery Bay SW Lagoon STR-85



STR-85 Photo: View of mouth of pond and primary water channel in Discovery Bay.



Site Contact

Jamestown S'Klallam Tribe
Primary Contact :
360-681-4618

WDFW Enforcement Dispatch
Emergency Contact : 24/7 dispatch
360-902-2936

Nearest Address

282023 US-101
Port Townsend, WA 98368

Driving Directions

1. Start at 5737 WA 104 Quilcene
2. Go northwest on WA-104 (4.93 miles)
3. At fork keep right on US-101 N toward PT. Townsend / PT. Angeles (0.32 miles)
4. Bear right on US-101 (Pacific Coast Scenic Bywy) (2.75 miles)
5. Just past rail cars, pull off onto dirt shoulder on the right, near metal gate.

6. Walk equipment past gate, over paved trail, to dirt trail heading NE. Pass old farming equipment to site.

Discovery Bay at Salmon Creek — STR-86

Position - Location:	47° 59.341', -122° 53.359'	47° 59' 20.5", -122° 53' 21.5"	47.98902, -122.88931	Port Townsend

Strategy Objective: Exclusion : Keep oil out of estuary restoration area at Salmon Creek

Implementation: Deploy 100 ft of boom across creek just downstream from the HWY 101 bridge. Anchor one end of boom near Point A. Extend boom east across creek and anchor near Point B. Adjust boom angle and anchors as needed based on conditions.

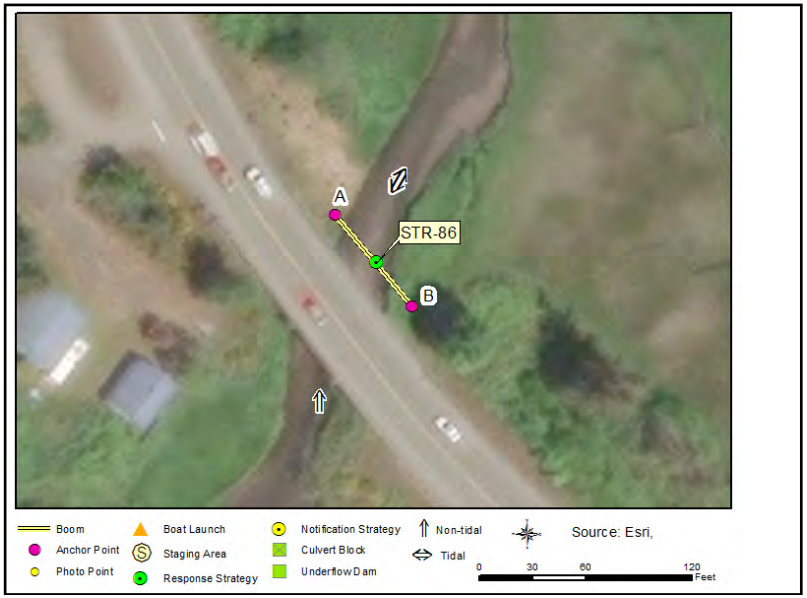
Staging Area: Onsite: Parking lot across the street or road shoulder bus stop just north on 101

Site Safety: Roadway Traffic; Slips, Trips, and Falls; Water Hazard

Field Notes: Use extreme caution on roadway and shoulder.

Watercourse: Estuary - Discovery Bay estuary at Salmon Creek with tidal influence.

Resources at Risk: Eelgrass, Forage Fish, Marine Birds, Resident Fish, Salmonids, Shellfish, Shorebirds, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (Contractor Boom) or equivalent

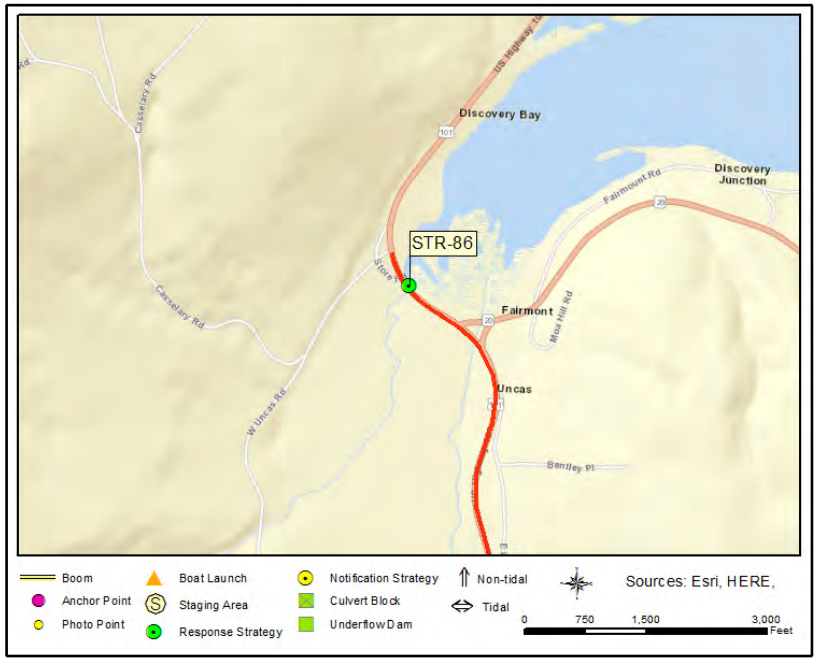
Recommended Personnel

2	Laborer
1	Supervisor

Discovery Bay at Salmon Creek — STR-86



STR-86 Photo: Salmon Creek at HWY 101 bridge.w tide.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

WDFW Enforcement Dispatch
Emergency Contact : 24/7 dispatch
360-902-2936

Nearest Address

282455 US 101
Port Townsend, WA 98368

Driving Directions

1. Start at Highway WA 104 North, Quilcene
2. Go northwest on WA-104 (State Route 104)
3. At fork keep right on US-101 North toward Port Angeles
4. Continue on US-101 West toward Sequim / Port Angeles
5. Pull over onto wide shoulder / bus stop just north of site, across from Uncas Road.
6. Additional parking across the highway in Discovery Bay store parking area.

Beckett Point South — STR-90

Position - Location:	48° 4.641', -122° 53.075'	48° 4' 38.5", -122° 53' 4.5"	48.07735, -122.88458	Port Townsend

Strategy Objective: Exclusion : Keep oil off the beach south of Beckett Point

Implementation: Using workboat, secure 600 ft of boom to shore at furthest south structure, at C. Extend other side of boom NW and secure to shore where wooden seawall turns to concrete wall, at or west of two story house at A. Pull midpoint south into bay at B to create chevron and use additional in-water anchors as needed for conditions. Use existing features for shoreline anchoring when possible.

Staging Area: Remote: Stage and launch from Gardiner or Sequim; also room onsite with permission.

Site Safety: Private beach; Large driftwood logs; Shallow water; Water hazard; Slips, Trips, Falls

Field Notes: Shallow sandy beach in private community.

Watercourse: Bay - Discovery Bay

Resources at Risk: Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shellfish, Tribal Lands/Resources



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Other

Beckett Point South STR-90



STR-90 Photo: From boat looking N at beach. Red line indicates NW anchor point area, move NW of line only. SE anchor point at right of photo.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Beckett Point Fisherman's Club
Land/Property Contact : Land Manager
601-627-5814

Nearest Address

1196 Beckett Point Rd
Port Townsend, WA 98368

Driving Directions

DIRECTIONS TO SITE:
1. Start at US-101/WA-104 Port Townsend
2. Go northwest on US-101 toward WA-20 (0.11 miles)
3. Make a sharp right to stay on WA-20 (6.16 miles)
4. Turn left on S Discovery Rd (1.21 miles)
5. Turn left on Cape George Rd (2.73 miles)
6. Turn left on Beckett Point Rd (1.24 miles)
7. Finish at end of Beckett Point Road.

DIRECTIONS TO GARDINER BOAT LAUNCH:
1. Start at US-101/WA-104 Port Townsend
2. Go northwest on US-101 (Us Highway 101)
3. Make sharp right on Gardiner Beach Rd
4. Make sharp left on Old Gardiner Rd
5. Turn right on Gardiner Beach Rd
6. Finish at 782 Gardiner Beach Rd., 98382, on the right

Beckett Point STR-91

Position - Location:	48° 4.765', -122° 53.372'	48° 4' 45.9", -122° 53' 22.3"	48.07941, -122.88954	Port Townsend

Strategy Objective: Exclusion : Keep oil off of beach west of boat launch

Implementation: Using workboat, secure 500 ft of boom at SW edge of boat ramp, at A. Extend boom SW to third house and secure at far SW end of the house seawall, at C (48.07878, -122.88985). Extend midpoint into chevron and anchor at B. Do not adjust anchor points. Use natural features to secure boom and reduce ground disturbance as much as possible.

Staging Area: Onsite: Stage and launch onsite or from Sequim

Site Safety: Water hazard; Boat ramp; Slips, Trips, Falls

Field Notes: Cobble beach and private community.

Watercourse: Bay - Discovery Bay

Resources at Risk: Forage Fish, Resident Fish, Salmonids, Sensitive Resources, Shorebirds, Tribal Lands/Resources, Waterfowl



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Beckett Point STR-91



STR-91 Photo: From a boat, looking SW at houses to the SW of the boat ramp. Seawall at the third house is visible on the right.



Site Contact

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Beckett Point Fisherman's Club
Land/Property Contact : Land Manager
601-627-5814

Nearest Address

1 Viewpoint Ln
Port Townsend, WA 98368

Driving Directions

1. Start at US-101 and WA-104 near Discovery Bay
2. Go north on US-101 toward W Uncas Rd (1.65 miles)
3. Make a sharp right to stay on WA-20 toward Port Townsend (6.16 miles)
4. Turn left on S Discovery Rd (1.21 miles)
5. Turn left on Cape George Rd (2.73 miles)
6. Turn left on Beckett Point Rd (0.69 miles)
7. The boat launch is just at the bottom of the hill, on the right

Cape George Marina Beach — STR-92

Position - Location:	48° 6.168', -122° 53.140'	48° 6' 10.1", -122° 53' 8.4"	48.10280, -122.88567	Port Townsend

Strategy Objective: Exclusion : Keep oil off of the shoreline north of the Cape George Marina

Implementation: Using workboat, secure 1100 ft of boom to north edge of beach, at A. Extend south and secure other end of boom to rip rap at north entrance into marina, at C. Pull midpoint west and anchor at B to create chevron. Use existing features on shore where possible to minimize ground disturbance. Use additional in-water anchors as needed for conditions.

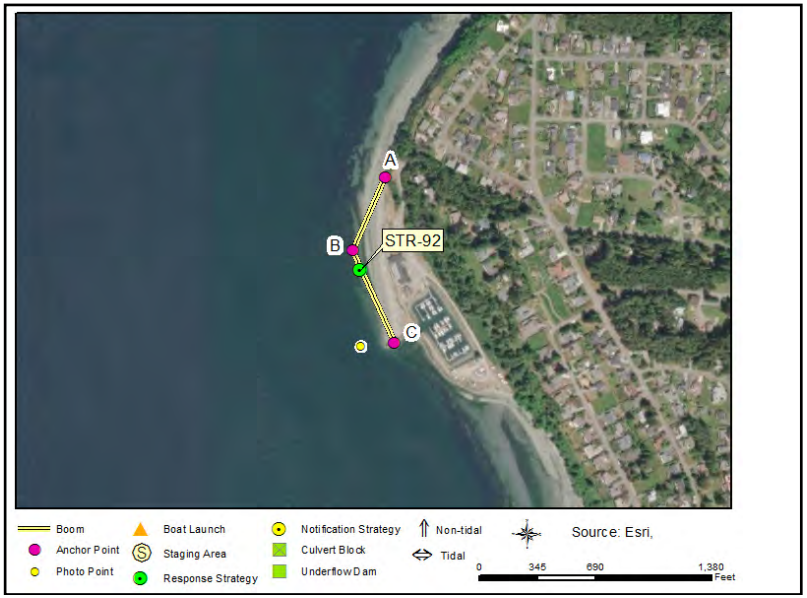
Staging Area: Remote: Stage and launch from Gardiner. Also room to stage and launch onsite at private marina with permission.

Site Safety: Active marina; Shallow Water; Water Hazards; Slips, Trips, Falls

Field Notes: Sand and gravel beach with large driftwood logs at rack line. Rip-rap at marina entrance.

Watercourse: Bay - Discovery Bay

Resources at Risk: Resident Fish, Salmonids, Sensitive Resources, Shellfish



Recommended Equipment

5	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1100	Feet	Boom - B2 (18" to 42")
2	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

2	Boat Operator
3	Laborer
1	Supervisor

Cape George Marina Beach STR-92



STR-92 Photo: From boat looking NE at rip-rap at entrance to Cape George Marina, with beach to be protected on the left.



Site Contact

Cape George Colony Club and Marina
Primary Contact : Daytime Office Number M-F 9-2
360.385.1177

Jamestown S'Klallam Tribe
Tribal Contact :
360-681-4618

Nearest Address

200 Marina Drive
Port Townsend, WA 98368

Driving Directions

1. Start at US-101/WA-104 Port Townsend
2. Go northwest on US-101 toward WA-20 (0.11 miles)
3. Make a sharp right to stay on WA-20 (7.7 miles)
4. At the traffic light, turn left on WA-20 (1.81 miles)
5. Turn left on S Jacob Miller Rd (0.09 miles)
6. At the stop sign, bear left on S Discovery Rd (0.38 miles)
7. Turn right on Cape George Rd (2.75 miles)
8. Bear right on Cape George Dr - sign for Cape George Private Community Colony Entrance (0.23 miles)
9. Turn right on N Palmer Dr (0.1 miles)
10. Turn left on Marina Dr (0.17 miles)
11. Continue to parking area at end of Marina Drive.

APPENDIX B

Notification Strategy 2-Pagers

Hoko Falls Hatchery — STR-10-N

Position - Location:	48° 13.664', -124° 24.392'	48° 13' 39.8", -124° 24' 23.5"	48.22773, -124.40654	Clallam Bay

Strategy Objective: Notification : Notify hatchery to monitor their water intakes and prevent fish from being released into a spill

Implementation: Call the Hoko Falls Hatchery at 360-963-2639 and alert them of any spill or potential spill into the Hoko River or the Straits near the Hoko, Sekiu, Sail, or Pysht Rivers. Also alert them if there is any spill into Rights Creek.

Field Notes: Hatchery located at Brownes Creek and Hoko River. Water intakes are located on Hoko River and Rights Creek. Chinook, coho, and steelhead are released to the Hoko; steelhead and Chinook to the Sekiu; steelhead to the Sail; Chinook to the Pysht.

Watercourse: River - Without a Dam - Hoko River at Brownes Creek

Resources at Risk: Fish Hatchery, Tribal Lands/Resources, Water Intakes



Communication Process and Action:

Call the Hoko Falls Hatchery emergency number at 360-963-2639.

If there is no response, try:
(360) 374-4261 (manager's office) or
(360) 631-2508 (manager's cell)

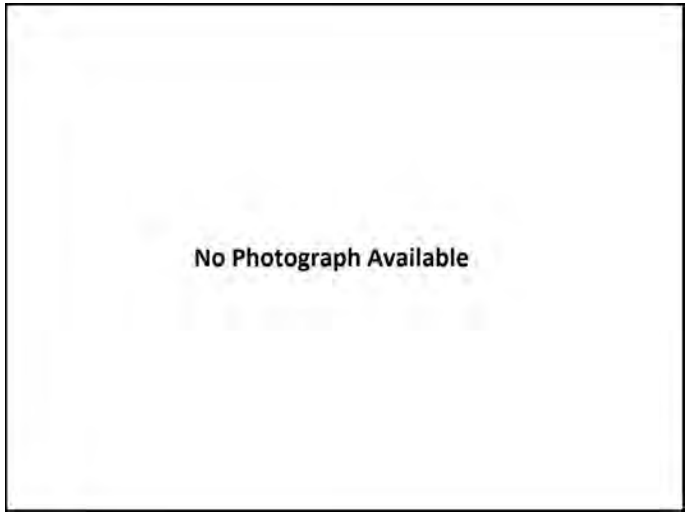
If there is still no response, call the Makah Tribal police dispatch at 360-645-2701 and ask to be connected to the Makah Natural Resources, Makah Fisheries, or the Hoko Falls Hatchery.

Continue calling until connection with the hatchery is confirmed.

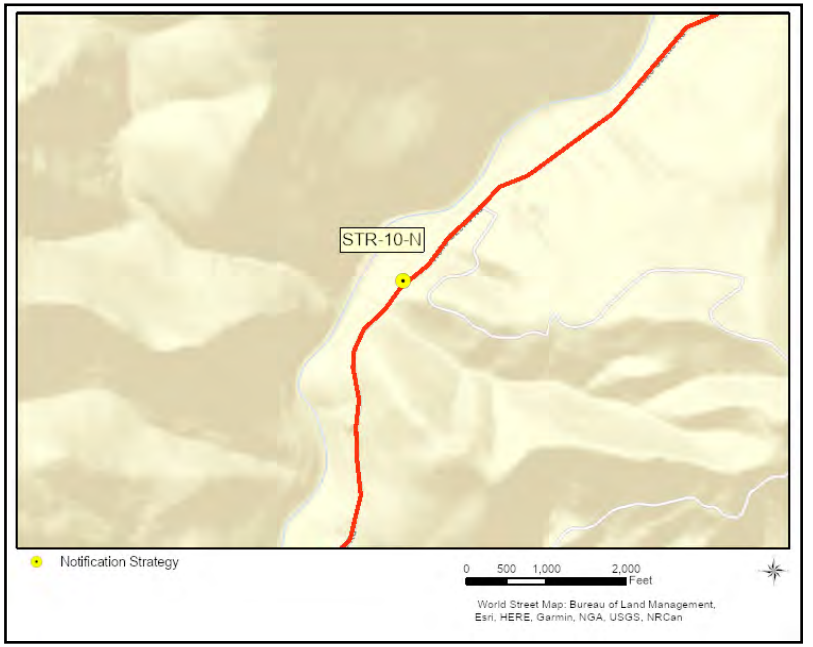
Alert them of any spill or potential spill into the Hoko River or the Straits near the Hoko, Sekiu, Sail, or Pysht Rivers. Also alert them if there is any spill into Rights Creek. Recommend the hatchery pause or relocate any planned fish releases until the water quality improves.

Although unlikely, if the spill is upstream of the hatchery, advise they monitor the water quality from their intakes on the Hoko and Rights Creek.

Hoko Falls Hatchery STR-10-N



STR-10-N Photo: Photo Not Available



Site Contact

Hoko Falls Fish Hatchery
Emergency Contact : Makah Tribal Fish Hatchery
360-963-2639

Makah Tribal Police
Alternate Contact :
360-645-2701

Nearest Address

4764 Hoko Ozette Road
Clallam Bay, WA 98326

Driving Directions

1. Start at Highway 101 Port Angeles
2. Go west on W Highway 101 (Pacific Coast Scenic Byway) through Port Angeles
3. Take the exit on the right to merge onto Highway112 (Strait of Juan De Fuca Highway) (38.23 miles)
4. At the stop sign, turn right on Highway 112 (Strait of Juan De Fuca Highway) (10.5 miles)
5. Bear left on Hoko Ozette Rd (Ozette Rd) (5.69 miles)
6. Finish at 4764 Hoko Ozette Road, 98326, on the right

Merrill & Ring Timberlands — STR-20-N

Position - Location:	48° 11.863', -124° 7.148'	48° 11' 51.8", -124° 7' 8.9"	48.19771, -124.11913	Clallam Bay

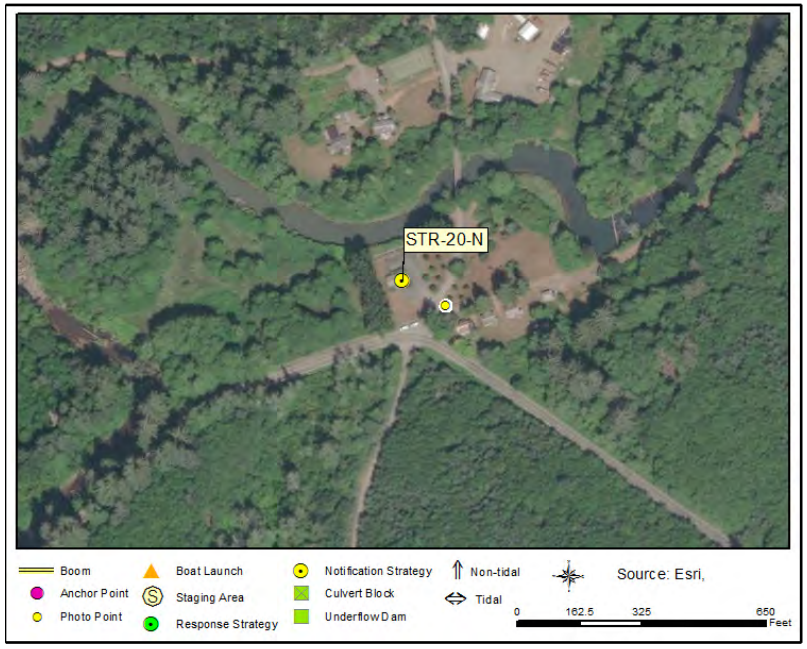
Strategy Objective: Notification : Keep oil out of drinking water intake

Implementation: Contact 360-477-2588 to advise of spill and that they may wish to shut off their water intake

Field Notes: Water intake for historic homes in the Pysht River

Watercourse: River - With Tidal Influence - Pysht River

Resources at Risk: Water Intakes



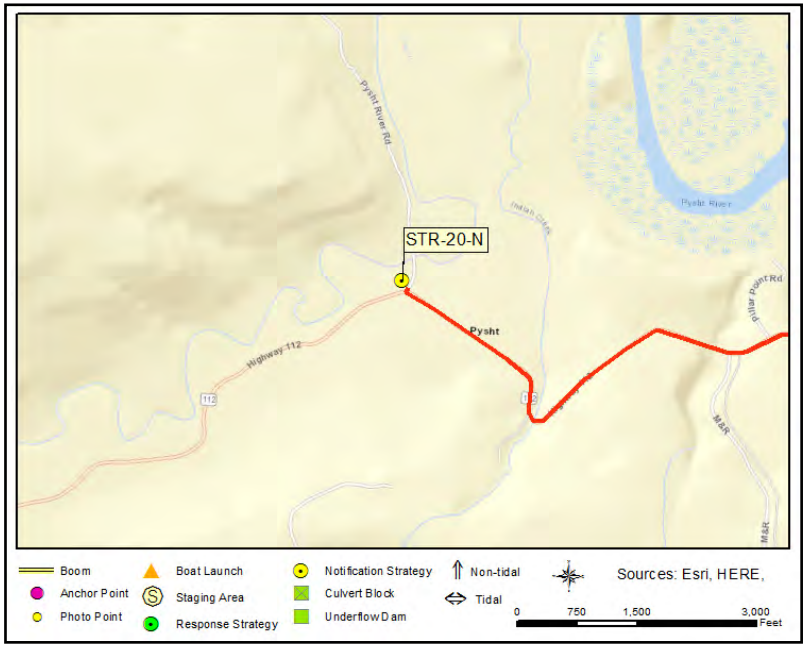
Communication Process and Action:

Contact the Merrill and Ring Operations Manager at 360-477-2588 and advise if a spill may impact the Pysht River. Recommend they consider shutting off their water intake and take any other steps to protect resources under their control.

Merrill & Ring Timberlands STR-20-N



STR-20-N Photo: Merrill & Ring Historic Buildings on the Pysht River



Site Contact

Merrill and Ring Pysht Tree Farm
Primary Contact : Operations Manager

Port Angeles, WA 98362
360-477-2588

Nearest Address

11 Pysht River Road
Clallam Bay, WA 98326

Driving Directions

1. Start at Port Angeles
2. Go northeast on N Lincoln St (US-101) toward E Front St (0.04 miles)
3. Turn left on E Front St (0.31 miles)
4. Continue on Marine Dr (E Front St) (0.4 miles)
5. Turn left on Tumwater Truck Rd (WA117) (1.51 miles)
6. Turn right on US-101 (Pacific Coast Scenic Bywy) (3.49 miles)
7. Turn right on WA-112 (Strait of Juan de Fuca Hwy-Sr 112) (32.69 miles)
8. Make sharp right on Pysht River Rd (0.2 miles)
9. Finish at Merrill & Ring, 11 Pysht River Road, 98326, on the right

House of Salmon Hatchery STR-30-N

Position - Location:	48° 8.021', -123° 32.938'	48° 8' 1.3", -123° 32' 56.3"	48.13369, -123.54897	Port Angeles

Strategy Objective: Notification : Notify hatchery to monitor their water intakes and prevent fish from being released into a spill

Implementation: Call the House of Salmon at (360) 565-7270 and alert them of any spill or potential spill to the Elwha River or the Straits near the river.

Field Notes: Salmon are released directly to the Elwha River - Coho, Chum, Steelhead, and Chinook. Water intakes for the hatchery come from the river 1.7 miles from the mouth.

Watercourse: River - With Tidal Influence - Lower Elwha River

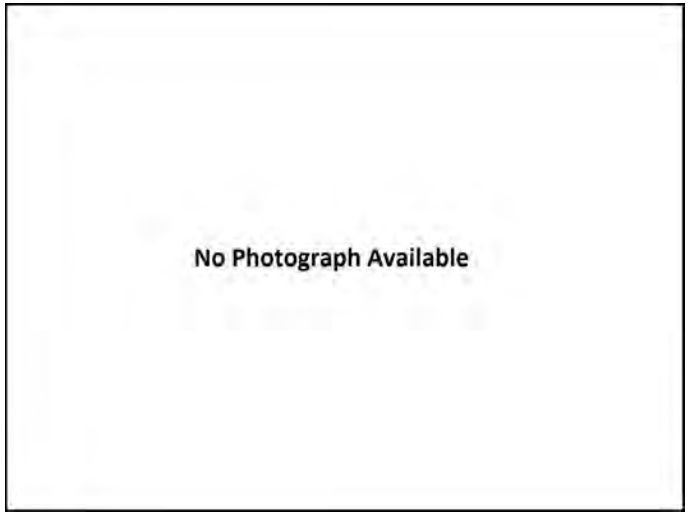
Resources at Risk: Fish Hatchery, Salmonids, Tribal Lands/Resources, Water Intakes



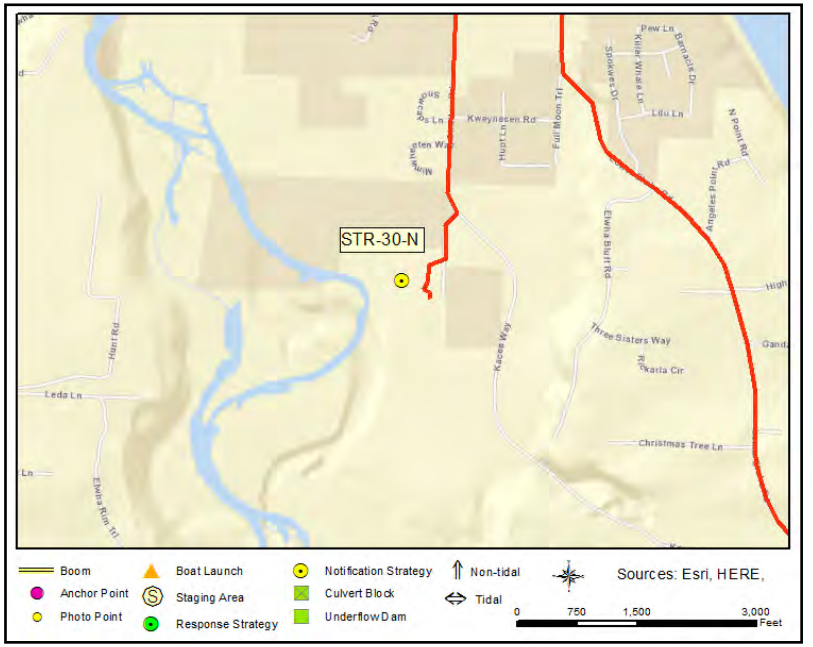
Communication Process and Action:

Call the House of Salmon at (360) 565-7270 and alert them of any spill or potential spill to the Elwha River or the Straits near the river. Advise they monitor the water quality from their intakes. Recommend the hatchery pause or relocate any planned fish releases until the water quality improves.

House of Salmon Hatchery STR-30-N



STR-30-N Photo: No photo available



Site Contact

House of Salmon Elwha Fish Hatchery
Primary Contact : Lower Elwha Klallam Tribe Fish Hatchery
360-565-7270

Lower Elwha Klallam Tribe
Tribal Contact : Permission required to enter reservation
360-417-2459

Nearest Address

700 Stratton Road
Port Angeles, WA 98363

Driving Directions

1. Start at W US-101 Port Angeles
2. Go west on W US-101 toward W Nicholas Rd (2.27 miles)
3. Turn right on S Reddick Rd (0.64 miles)
4. Turn left on W Edgewood Dr (1 miles)
5. Turn right on Lower Elwha Rd (0.77 miles)
6. Turn right at Kacee Way to stay on Lower Elwha Rd (2.01 miles)
7. Turn left on Stratton Rd (0.57 miles)
8. Make a sharp right at Kacee Way to stay on Stratton Rd (0.25 miles)
9. Follow Stratton to the parking area at the office.

WDFW Elwha Channel Hatchery — STR-31-N

Position - Location:	48° 6.992', -123° 33.013'	48° 6' 59.5", -123° 33' .8"	48.11653, -123.55021	Port Angeles

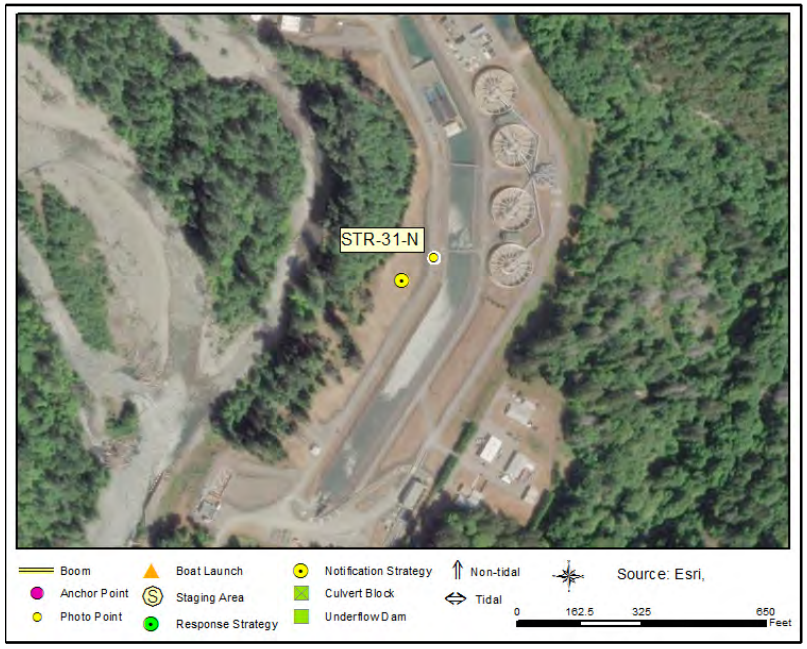
Strategy Objective: Notification : Notify the hatchery to prevent fish releases during a spill

Implementation: Call the WDFW hatchery at 360-457-2630 and alert them of the spill or potential spill. Advise they delay or relocate any planned fish releases until water quality improves.

Field Notes: Hatchery is located on the east bank of the Elwha River but uses groundwater for its facilities.

Watercourse: River - With Tidal Influence - Elwha River

Resources at Risk: Fish Hatchery, Salmonids, State Lands



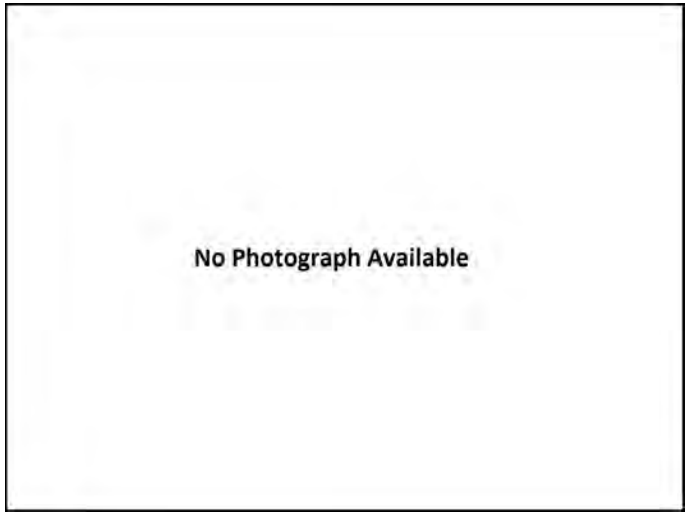
Communication Process and Action:

Call the Elwha Channel Hatchery cell numbers:
360-808-3853 or
360-808-3864

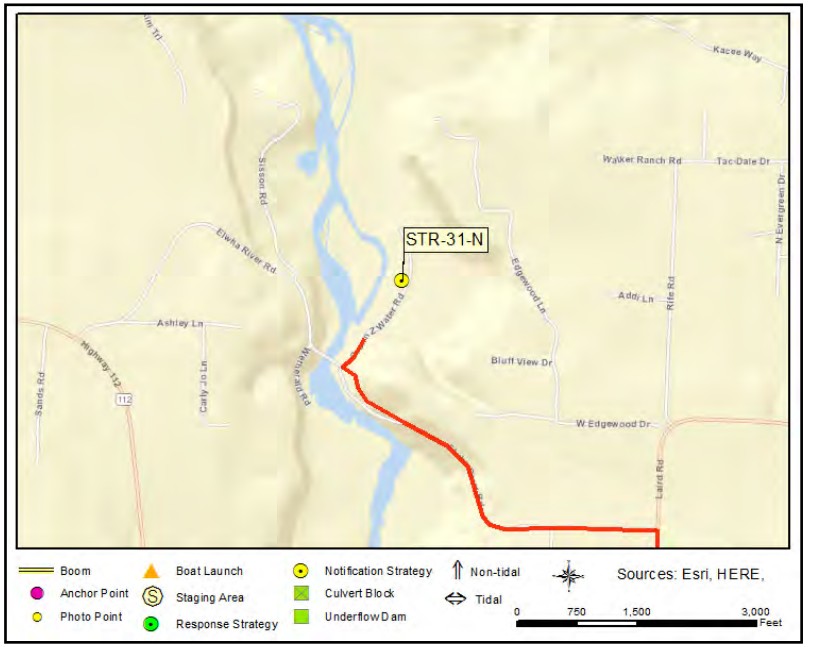
If there is no response, call the main hatchery line at 360-457-2630, and then if no answer, the Region 6b Hatchery Manager at 360-742-7620.

Notify that a spill has occurred and recommend the hatcheries in the area pause or relocate any planned fish releases until the water quality improves.

WDFW Elwha Channel Hatchery STR-31-N



STR-31-N Photo: Photo Not Available



Site Contact

WDFW Elwha Channel Hatchery
Primary Contact : Office Number
360-457-2630

WDFW Region 6b Hatcheries
Alternate Contact : Hatchery Manager
360-742-7620

Nearest Address

Crown Z Water Rd
Port Angeles, WA 98363

Driving Directions

1. Start at W US-101 Port Angeles
2. Go west on W US-101 toward W Nicholas Rd (3.55 miles)
3. Turn right on Laird Rd (0.66 miles)
4. Turn left on Elwha River Rd (0.95 miles)
5. Make a sharp right on Crown Z Water Rd (0.09 miles)
6. Finish at Crown Z Water Rd, 98363, on the left

Feiro Marine Life Center — STR-40-N

Position - Location:	48° 7.211', -123° 25.729'	48° 7' 12.7", -123° 25' 43.7"	48.12019, -123.42881	Port Angeles

Strategy Objective: Notification : Keep oil out of aquarium water intake

Implementation: Call 909-973-9566 after hours, 360-417-6254 business hours, to have Facilities Director shut off water intake and take steps to protect resources under their control

Field Notes: Aquarium water intake is at pier N of facility

Watercourse: Straits of Juan de Fuca - Port Angeles Harbor - City Pier

Resources at Risk: Economic Resources, Water Intakes



Communication Process and Action:

Call 909-973-9566 after hours, or 360-417-6254 during business hours, to alert the Facilities Director of a spill or potential spill in the Port Angeles area. Advise they may wish to monitor or shut off their water intake until water quality improves.

Alternate number: 360-775-5182

Feiro Marine Life Center STR-40-N



STR-40-N Photo: Entrance to Feiro Marine Life Center in Port Angeles



Site Contact

Feiro Marine Life Center
Primary Contact : Facilities Director

Port Angeles, WA 98579
909-973-9566

Nearest Address

351 N Lincoln St/City Pier
Port Angeles, WA 98362

Driving Directions

1. Start at Port Angeles
2. Go northeast on N Lincoln St (US-101) toward E Front St (0.08 miles) until you enter parking lot to the City Pier
3. Finish at 315 N Lincoln St/City Pier, 98362, on the right

Hurd Creek Hatchery (Dungeness River) STR-60-N

Position - Location:	48° 7.161', -123° 8.555'	48° 7' 9.7", -123° 8' 33.3"	48.11935, -123.14259	Sequim

Strategy Objective: Notification : Notify hatchery to prevent releasing fish into spill

Implementation: Call Hurd Creek emergency line at 360-460-6088 and notify that a spill has occurred. Recommend the hatcheries pause or relocate any planned fish releases until the water quality improves.

Field Notes: Groundwater supply; releases to area creeks

Watercourse: Creek - Hurd Creek is on the east bank of the Dungeness River, 3 miles up from the mouth

Resources at Risk: Fish Hatchery, Salmonids, State Lands



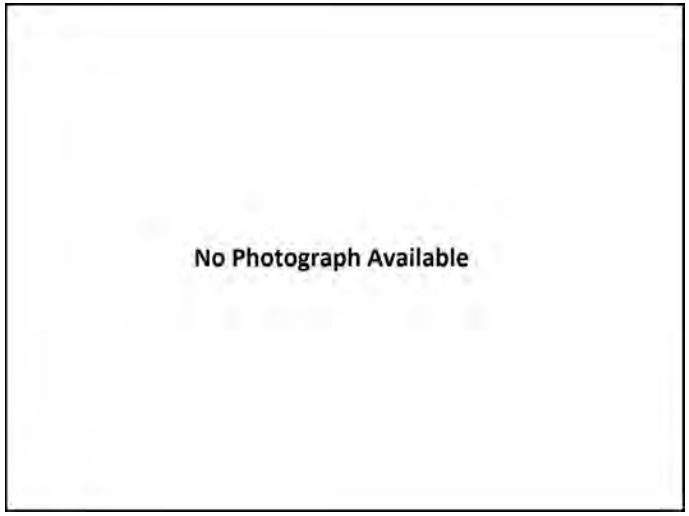
Communication Process and Action:

Call the Hurd Creek Hatchery emergency line at 360-460-6088.

If there is no response, call the main hatchery line at (360) 683-1738, and then if no answer, the Region 6b Hatchery Manager at 360-742-7620.

Notify that a spill has occurred and recommend the hatcheries in the area pause or relocate any planned fish releases until the water quality improves.

Hurd Creek Hatchery (Dungeness River) STR-60-N



STR-60-N Photo: Photo Not Available



Site Contact

WDFW Hurd Creek Hatchery
Emergency Contact : Emergency number
360-460-6088

WDFW Region 6b Hatcheries
Alternate Contact : Hatchery Manager
360-742-7620

Nearest Address

955 Fasola Rd
Sequim, WA 98382

Driving Directions

1. Start at W US-101 Sequim
2. Go northwest on US-101 toward Palo Alto Rd (3.14 miles)
3. Take the exit on the right to Sequim Ave toward City Center (0.26 miles)
4. Turn right on S Sequim Ave (1.4 miles)
5. At the roundabout, take the second exit onto N Sequim Ave (0.21 miles)
6. Continue forward on Sequim-Dungeness Way (1.32 miles)
7. Turn left on Woodcock Rd (1.76 miles)
8. Turn right on Fasola Rd (0.26 miles)
9. Finish at 955 Fasola Rd, 98382, on the left

WDFW Dungeness River Hatchery STR-61-N

Position - Location:	48° 1.688', -123° 8.435'	48° 1' 41.3", -123° 8' 26.1"	48.02813, -123.14059	Sequim

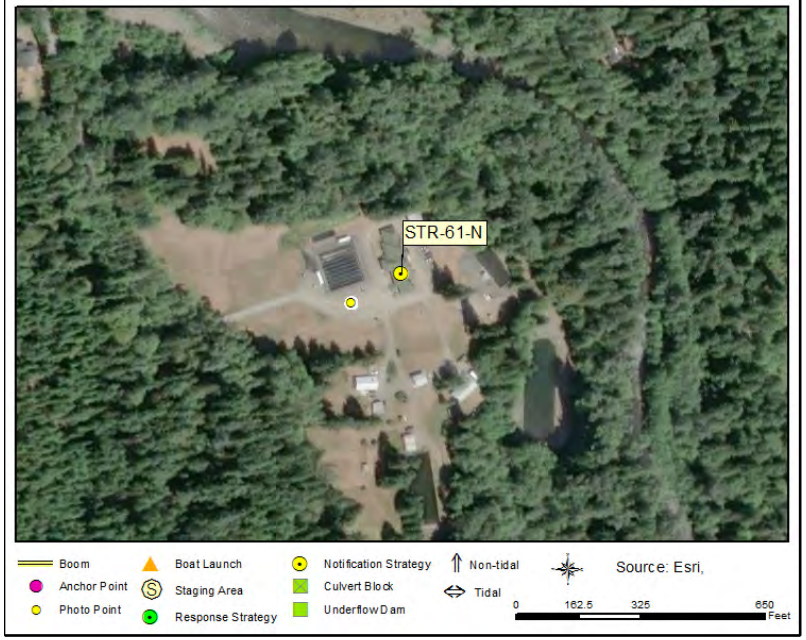
Strategy Objective: Notification : Notify hatchery to prevent releasing fish into spill

Implementation: Call Dungeness emergency line at 360-460-6084 and notify that a spill has occurred. Recommend the hatcheries pause or relocate any fish releases.

Field Notes: Hatchery is located 10 miles upstream of mouth.

Watercourse: River - Dungeness River and Canyon Creek

Resources at Risk: Fish Hatchery, Salmonids, State Lands

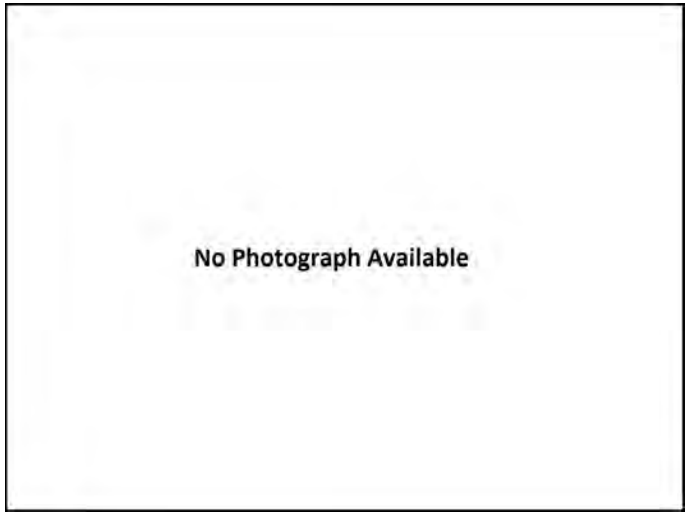


Communication Process and Action:

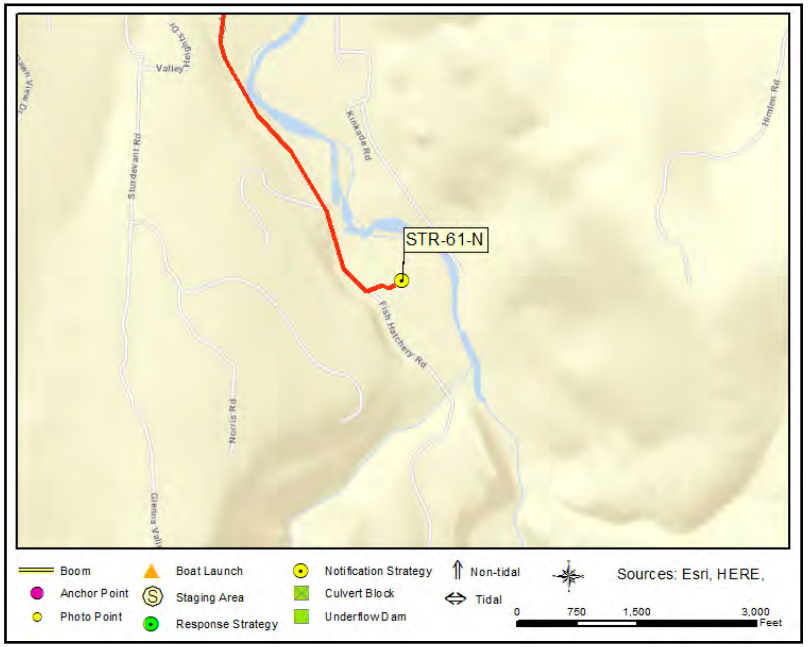
Call Dungeness emergency line at 360-460-6084 and notify that a spill has occurred. Recommend the hatcheries pause or relocate any fish releases.

If there is no response, call the main hatchery line at (360) 683-4255, and then if no answer, call Region 6b Hatchery Manager at 360-742-7620.

WDFW Dungeness River Hatchery STR-61-N



STR-61-N Photo: Photo Not Available



Site Contact

WDFW Dungeness Hatchery
Emergency Contact : Emergency number
360-460-6084

WDFW Region 6b Hatcheries
Alternate Contact : Hatchery Manager
360-742-7620

Nearest Address

1261 Fish Hatchery Rd
Sequim, WA 98382

Driving Directions

1. Start at 268169 US-101 Sequim
2. Go northwest on US-101 toward Palo Alto Rd (5.94 miles)
3. Turn left on Taylor Cutoff Rd (2.62 miles)
4. Turn left at Lost Mountain Rd to stay on Taylor Cutoff Rd (0.04 miles)
5. Turn left on Fish Hatchery Rd (1.62 miles)
6. Turn left into hatchery facilities at 1261 Fish Hatchery Rd, 98382

Pacific Northwest National Lab - Sequim — STR-70-N

Position - Location:	48° 4.644', -123° 2.759'	48° 4' 38.6", -123° 2' 45.5"	48.07740, -123.04598	Sequim

Strategy Objective: Notification : Keep oil out of water intake

Implementation: Call PNNL Security at 509-375-2400 so that they will contact local facility manager to monitor or shut off their water intake

Field Notes: National Security 24/7 will contact local facility manager. Security is based out of the Tri-Cities.

Watercourse: Straits of Juan de Fuca - Mouth of Sequim Bay

Resources at Risk: Federal Lands, Water Intakes



Communication Process and Action:

Call the following numbers until someone at PNNL Sequim has been notified:

PNNL Security at 509-375-2400 (24/7 in Tri-Cities)
Sequim Facility Manager at 509-378-4553 (cell) or 360-681-4561 (office)

Notify them of any spills or potential spills in the area of Sequim Bay, Miller Peninsula, Dungeness Bay, or Protection Island.

Advise they monitor or consider shutting off water intakes until water quality improves. Also advise there may be spill response activity, including GRP booming, in the area around the PNNL-Sequim lab.

Pacific Northwest National Lab - Sequim STR-70-N



STR-70-N Photo: Photo of Pacific Northwest National Lab shoreline facilities



Site Contact

Pacific Northwest National Lab Security
Emergency Contact : National Security 24/7 Line
509-375-2400

Pacific Northwest National Laboratory-Sequim
Alternate Contact : Facility Manager
509-378-4553

Nearest Address

1529 W Sequim Bay Rd
Sequim, WA 98382

Driving Directions

1. Start at Port Angeles
2. Go southwest on US-101 (N Lincoln St) toward E 1st St / S Lincoln St (0.04 miles)
3. Turn left at E 1st St / S Lincoln St to stay on US-101 (E 1st St) (1.51 miles)
4. At fork keep right on US-101 (E 1st St) (17.36 miles)
5. Turn left on Whitefeather Way (0.55 miles)
6. Turn left on W Sequim Bay Rd (1.3 miles)
7. Turn right into Pacific Nortwest National Lab driveway and continue to parking lot near flagpole.
8. Finish at 1529 W Sequim Bay Rd, 98382, on the right

APPENDIX C

Staging Area 2-Pagers

Big Salmon Fishing Resort/Makah Tribe SA-STR-163

Staging Area

Position - Location:	48° 21.964', -124° 36.749'	48° 21' 57.9", -124° 36' 44.9"	48.36607, -124.61248	Neah Bay

Comments: Resort leased April-Sept by Big Salmon Resort, Makah Tribe owns and manages the rest of the year



GRP Response Strategies Served:

STR-03

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2 Floating
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G Verizon
Covered Spaces	Yes	
Estimated Lot Size	Gravel	22000 sq ft
Fuel	Yes	
Lot Cover (Primary)	Dirt/Gravel	
Parking - Car	Gravel	25
Parking - Trailer	Gravel	8
Power	Yes	
Restroom	Restroom - Portable	2
User Fee	Yes	$10 Makah recreational permit
Waste Disposal	Dump Station	1
Water (potable)	Yes	

Big Salmon Fishing Resort/Makah Tribe SA-STR-163



SA-STR-163 Photo: Big Salmon Fishing Resort Boat Launch in Neah Bay



Site Contact

Makah Tribal Police
Pre-Notification Required :
360-645-2701

Big Salmon Resort
Land/Property Contact : Property Owner
360-645-2374

Nearest Address

1251 Bayview Ave
Neah Bay, WA 98357

Driving Directions

DIRECTIONS TO SA-STR-163
1. Start at 6631 WA 112 Sekiu
2. Go west on WA-112 (Highway 112)
3. Turn left at Bayview Ave/Waadah View St to stay on WA-112 (Backtrack Rd)
4. Turn right at Backtrack Rd to stay on WA-112 (Mckinley St)
5. Turn left at Buchanan St to stay on WA-112 (Woodland Ave)
6. Turn right on Young Doctor St
7. Turn left on Bayview Ave
8. Finish at 1251 Bayview Ave, 98357, on the right

Mason's Olson Resort — SA-STR-187

Staging Area

Position - Location:	48° 15.932', -124° 17.964'	48° 15' 55.9", -124° 17' 57.8"	48.26554, -124.29940	Sekiu

Comments: full service marina with lodgings. Boatlaunch owned by WDFW.



GRP Response Strategies Served:

STR-20

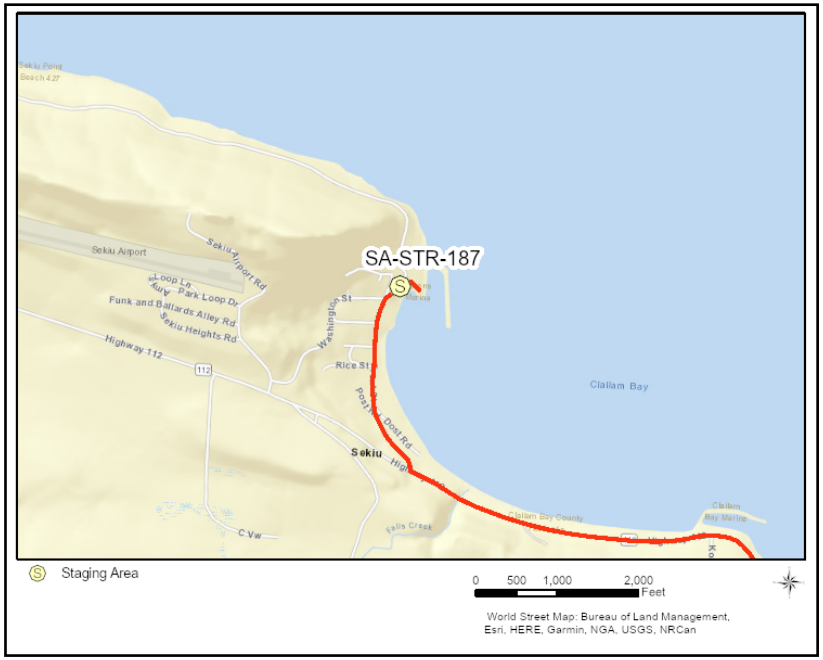
Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	9 Floating
Boat Ramp(s)	Concrete, Plank	4
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Camp Store
Estimated Lot Size	Gravel	88,000 sq ft
Fuel	Yes	
Lot Cover (Primary)	Gravel	
Parking - Car	Gravel	100
Parking - Trailer	Gravel	150
Power	Yes	
Restroom	Restroom - Flush	4
User Fee	Yes	$15 daily, Season $150
Waste Disposal	Trash Receptacle	
Water (potable)	Yes	

Mason's Olson Resort SA-STR-187



SA-STR-187 Photo: Photo of the 4 boat ramps taken from the parking lot



Site Contact

WDFW
Primary Contact : Program Manager, Region 6
564-233-8438

Olson's Marina
Private Owner : Facility Owner
360-963-2311

Nearest Address

461 Front St.
Sekiu, WA 98381

Driving Directions

Directions to SA-STR-187
1. Start at Port Angeles, WA
2. Go east on US-101 (E 1st St) toward S Chase St/N Chase St
3. Turn right on S Peabody St
4. Turn right on E Lauridsen Blvd
5. At fork keep left on E Lauridsen Blvd (US-101)
6. Continue on US-101 (Pacific Coast Scenic Bywy)
7. Turn right on WA-112 (Highway 112)
8. Turn left on 7th St
9. Turn right on Bogachiel St
10. Turn left on 6th St
11. Turn right on Kalawa St
12. Turn left on WA-112 (Highway 112)
13. Turn right on Front St
14. Finish at 461 Front St., 98381, on the left

Pillar Point County Park SA-STR-207

Staging Area

Position - Location:	48° 11.944', -124° 6.011'	48° 11' 56.6", -124° 6' .7"	48.19906, -124.10019	Clallam Bay

Comments: Staging area has a large parking lot



GRP Response Strategies Served:

STR-22

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Plank	1
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Picnic Shelter in Park
Estimated Lot Size	Not Marked	12,000 sq ft
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	20
Parking - Trailer	Not Marked	5
Power	No	
Restroom	Restroom - Vault	2
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Pillar Point County Park SA-STR-207



SA-STR-207 Photo: Pillar Point County Park Boat Launch at low tide



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

Pillar Point Rd.
Clallam Bay, WA 98326

Driving Directions

DIRECTIONS TO SA-STR-207

1. Start at Port Angeles, WA
2. Go east on US-101 (E 1st St) toward S Chase St/N Chase St
3. Turn right on S Peabody St
4. Turn right on E Lauridsen Blvd
5. At fork keep left on E Lauridsen Blvd (US-101)
6. Continue on US-101 (Pacific Coast Scenic Bywy)
7. Turn right on WA-112 (Highway 112)
8. Turn right on Pillar Point Rd
9. Finish at Pillar Point Rd., 98326, on the right

Freshwater Bay County Park — SA-STR-224

Staging Area

Position - Location:	48° 8.778', -123° 38.501'	48° 8' 46.7", -123° 38' 30.1"	48.14630, -123.64169	Port Angeles

Comments: County Park with multiple parking lots and covered picnic areas.



GRP Response Strategies Served:

STR-35

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Picnic Shelter in the park
Estimated Lot Size	Other	8,000 sq ft
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	11
Parking - Trailer	Not Marked	5
Power	No	
Restroom	Restroom - Vault	1 More in the park
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Freshwater Bay County Park SA-STR-224



SA-STR-224 Photo: Freshwater Bay County Park Boat Launch, June 2018



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

2300 Freshwater Bay Rd.
Port Angeles, WA 98363

Driving Directions

DIRECTIONS to SA-STR-224
1. Start at Port Angeles, WA
2. Go east on US-101 (E 1st St) toward S Chase St/N Chase St
3. Turn right on S Peabody St
4. Turn right on E Lauridsen Blvd
5. At fork keep left on E Lauridsen Blvd (US-101)
6. Continue on US-101 (Pacific Coast Scenic Bywy) (3.5 miles)
7. Turn right on WA-112 (Highway 112) (4.5 miles)
8. Turn right on Freshwater Bay Rd (2.5 miles)
9. Finish at 2300 Freshwater Bay Rd., 98363, on the right

Cline Spit County Park — SA-STR-225

Staging Area

Position - Location:	48° 9.097', -123° 9.097'	48° 9' 5.8", -123° 9' 5.8"	48.15162, -123.15162	Sequim

Comments: Small paved parking area, vault toilet.



GRP Response Strategies Served:

STR-60

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	
Covered Spaces	No	
Estimated Lot Size	Other	7,200 sq ft
Fencing	Fencing - Perimeter	2
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	10
Parking - Trailer	Marked	10
Power	No	
Restroom	Restroom - Vault	2
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Cline Spit County Park — SA-STR-225



SA-STR-225 Photo: Cline Spit County Park Boat Launch on Dungeness Bay



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

199 Cline Spit Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS to SA-STR-225
1. Start at Sequim, WA
2. Go west on E Washington St toward W Washington St/S Sequim Ave
3. Turn right on N Sequim Ave
4. At roundabout, take 2nd exit to proceed north on N Sequim Ave
5. Continue on Sequim-Dungeness Way (Sequim Dungeness Way)
6. Continue on E Anderson Rd
7. Turn right on Twin View Dr
8. Turn right on Marine Dr
9. Bear right on Cline Spit Rd
10. Finish at 199 Cline Spit Rd., 98382, on the left

Dungeness Boat Launch Ramp — SA-STR-226

Staging Area

Position - Location:	48° 9.093', -123° 8.689'	48° 9' 5.6", -123° 8' 41.3"	48.15155, -123.14481	Sequim

Comments: Popular county park with large paved parking and flush restrooms



GRP Response Strategies Served:

STR-62, STR-55, STR-63, STR-65

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 Floating Dock
Boat Ramp(s)	Concrete, Plank	2 Use mid-high tide ONLY
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Gazebo
Estimated Lot Size	Other	275,000 sq ft
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	15
Parking - Trailer	Marked	20
Power	Yes	Bathrooms
Restroom	Restroom - Flush	2
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	Yes	

Dungeness Boat Launch Ramp SA-STR-226



SA-STR-226 Photo: Dungeness Landing Boat Launch on Dungeness Bay



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

298 Oyster House Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO SA-STR-226
1. Start at Sequim, WA
2. Go west on E Washington St toward W Washington St/S Sequim Ave
3. Turn right on N Sequim Ave
4. At roundabout, take 2nd exit to proceed north on N Sequim Ave
5. Continue on Sequim-Dungeness Way (Sequim Dungeness Way)
6. Continue on E Anderson Rd
7. Turn right on Twin View Dr
8. Turn right on Marine Dr
9. Turn right on Oyster House Rd
10. Finish at 298 Oyster House Rd., 98382, on the right

Boat Haven West Ramp (Port Angeles) SA-STR-235

Staging Area

Position - Location:	48° 7.665', -123° 27.433'	48° 7' 39.9", -123° 27' 26.0"	48.12775, -123.45722	Port Angeles

Comments: Public marina with full services.



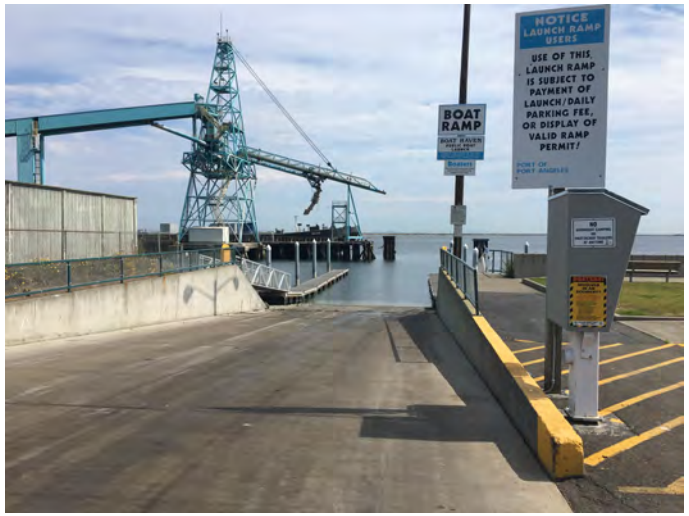
GRP Response Strategies Served:

STR-45, STR-42, STR-41

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Yacht Club
Estimated Lot Size	Other	60,000 sq ft
Fuel	Yes	gas, diesel, lube, transfers to 20k gal
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	60
Parking - Trailer	Marked	38
Power	Yes	
Restroom	Restroom - Flush	2
User Fee	Yes	$10.00
Waste Disposal	Pumpout	
Water (potable)	Yes	

Boat Haven West Ramp (Port Angeles) SA-STR-235



SA-STR-235 Photo: Boat Haven West Ramp in Port Angeles



Site Contact

Port of Port Angeles
Municipality (County/City) : Harbormaster

Port Angeles, WA
360-457-4505

Nearest Address

1305 Marine Dr.
Port Angeles, WA 98363

Driving Directions

DIRECTIONS to BL-STR-235
1. Start at Port Angeles, WA
2. Go northeast on N Lincoln St (US-101) toward E Front St (0.04 miles)
3. Turn left on E Front St (0.31 miles)
4. Continue on Marine Dr (E Front St) (1.04 miles)
5. Finish at 1305 Marine Dr., 98363, on the right

John Wayne Marina — SA-STR-264

Staging Area

Position - Location:	48° 3.859', -123° 2.475'	48° 3' 51.5", -123° 2' 28.5"	48.06431, -123.04125	Sequim

Comments: Large marina with fuel, bathrooms, parking



GRP Response Strategies Served:

STR-81, STR-71, PRI-2, STR-76, PRI-1, STR-78, STR-72, STR-83, STR-80, PRI-4, STR-74, PRI-3

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2 docks for loading, 7 with slips
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	3 Bars LTE Verison, WiFi available
Covered Spaces	Yes	restaurant, showers, laundry
Estimated Lot Size	Marked	60000 sq ft
Fuel	Yes	At dock by ramps
Lot Cover (Primary)	Asphalt	100%
Moorage - Perm, Open	> 60 Feet	
Parking - Car	Marked	200
Parking - Trailer	Marked	52
Power	Yes	
Restroom	Restroom - with Showers	2
User Fee	Yes	$10.00
Waste Disposal	Pumpout	1
Water (potable)	Yes	

John Wayne Marina SA-STR-264



SA-STR-264 Photo: Double concrete ramps at the John Wayne Marina



Site Contact

John Wayne Marina
Land/Property Contact : Harbormaster

Sequim, WA
360-417-3440

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Gardiner Boat Launch SA-STR-267

Staging Area

Position - Location:	48° 3.429', -122° 55.024'	48° 3' 25.7", -122° 55' 1.5"	48.05715, -122.91707	Sequim

Comments: Large gravel parking area with a boat ramp on Discovery Bay



GRP Response Strategies Served:

STR-82, STR-90, STR-92, STR-84

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	3 Bars LTE Verizon
Covered Spaces	No	
Fuel	No	
Lot Cover (Primary)	Dirt/Gravel	100%
Parking - Car	Gravel	5
Parking - Car	Not Marked	40
Parking - Trailer	Field	30
Power	No	
Restroom	Restroom - Portable	1
User Fee	Yes	15 day incl same day parking (2022)
Waste Disposal	None	
Water (potable)	No	

Gardiner Boat Launch SA-STR-267



SA-STR-267 Photo: Gardiner Boat Launch on Discovery Bay



Site Contact

Port of Port Townsend
Municipality (County/City) : Property Managers

Port Townsend, WA 98368
360-385-0656

Nearest Address

782 Gardiner Beach Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-267, Gardiner
1. Start at 282603 US 101 Port Townsend
2. Go northwest on US-101 (Us Highway 101) toward Store Rd
3. Make sharp right on Gardiner Beach Rd
4. Make sharp left on Old Gardiner Rd
5. Turn right on Gardiner Beach Rd
6. Finish at 782 Gardiner Beach Rd., 98382, on the right

APPENDIX D

Boat Launch 2-Pagers

Big Salmon Fishing Resort/Makah Tribe — BL-STR-163

Boat Launch Location

Position - Location:	48° 21.964', -124° 36.749'	48° 21' 57.9", -124° 36' 44.9"	48.36607, -124.61248	Neah Bay

Comments: Double ramp with two docks and slip space. Gravel lot on site, additional paved parking nearby.



GRP Response Strategies Served:

STR-03, STR-02

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2 Floating
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G Verizon
Covered Spaces	Yes	
Estimated Lot Size	Gravel	22000 sq ft
Fuel	Yes	
Lot Cover (Primary)	Dirt/Gravel	
Parking - Car	Gravel	25
Parking - Trailer	Gravel	8
Power	Yes	
Restroom	Restroom - Portable	2
User Fee	Yes	$10 Makah recreational permit
Waste Disposal	Dump Station	1
Water (potable)	Yes	

Big Salmon Fishing Resort/Makah Tribe BL-STR-163



SA-STR-163 Photo: Big Salmon Fishing Resort Boat Launch in Neah Bay



Site Contact

Makah Tribal Police
Pre-Notification Required :
360-645-2701

Big Salmon Resort
Land/Property Contact : Property Owner
360-645-2374

Nearest Address

1251 Bayview Ave
Neah Bay, WA 98357

Driving Directions

DIRECTIONS TO SA-STR-163
1. Start at 6631 WA 112 Sekiu
2. Go west on WA-112 (Highway 112)
3. Turn left at Bayview Ave/Waadah View St to stay on WA-112 (Backtrack Rd)
4. Turn right at Backtrack Rd to stay on WA-112 (Mckinley St)
5. Turn left at Buchanan St to stay on WA-112 (Woodland Ave)
6. Turn right on Young Doctor St
7. Turn left on Bayview Ave
8. Finish at 1251 Bayview Ave, 98357, on the right

Mason's Olson Resort — BL-STR-187

Boat Launch Location

Position - Location:	48° 15.932', -124° 17.964'	48° 15' 55.9", -124° 17' 57.8"	48.26554, -124.29940	Sekiu

Comments: 4 launch ramps 9 floating docks



GRP Response Strategies Served:

STR-20

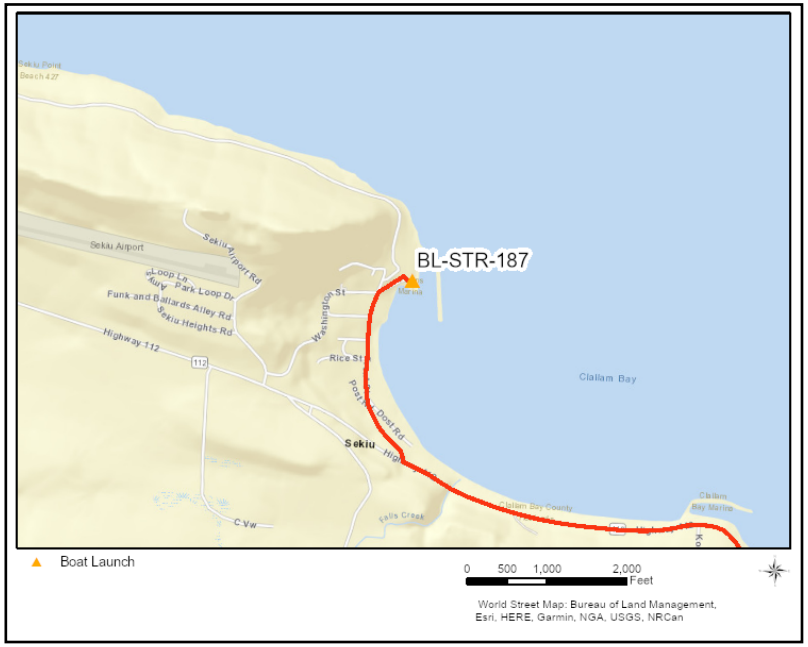
Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	9 Floating
Boat Ramp(s)	Concrete, Plank	4
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Camp Store
Estimated Lot Size	Gravel	88,000 sq ft
Fuel	Yes	
Lot Cover (Primary)	Gravel	
Parking - Car	Gravel	100
Parking - Trailer	Gravel	150
Power	Yes	
Restroom	Restroom - Flush	4
User Fee	Yes	$15 daily, Season $150
Waste Disposal	Trash Receptacle	
Water (potable)	Yes	

Mason's Olson Resort BL-STR-187



SA-STR-187 Photo: Photo of the 4 boat ramps taken from the parking lot



Site Contact

WDFW
Primary Contact : Program Manager, Region 6
564-233-8438

Olson's Marina
Private Owner : Facility Owner
360-963-2311

Nearest Address

461 Front St.
Sekiu, WA 98381

Driving Directions

Directions to SA-STR-187
1. Start at Port Angeles, WA
2. Go east on US-101 (E 1st St) toward S Chase St/N Chase St
3. Turn right on S Peabody St
4. Turn right on E Lauridsen Blvd
5. At fork keep left on E Lauridsen Blvd (US-101)
6. Continue on US-101 (Pacific Coast Scenic Bywy)
7. Turn right on WA-112 (Highway 112)
8. Turn left on 7th St
9. Turn right on Bogachiel St
10. Turn left on 6th St
11. Turn right on Kalawa St
12. Turn left on WA-112 (Highway 112)
13. Turn right on Front St
14. Finish at 461 Front St., 98381, on the left

Pillar Point County Park — BL-STR-207

Boat Launch Location

Position - Location:	48° 11.944', -124° 6.011'	48° 11' 56.6", -124° 6' .7"	48.19906, -124.10019	Clallam Bay

Comments:	Only launch at high tide with smaller, shallow drafted vessels of less than 18 feet



GRP Response Strategies Served:

STR-21

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Plank	1
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Picnic Shelter in Park
Estimated Lot Size	Not Marked	12,000 sq ft
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	20
Parking - Trailer	Not Marked	5
Power	No	
Restroom	Restroom - Vault	2
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Pillar Point County Park BL-STR-207



SA-STR-207 Photo: Pillar Point County Park Boat Launch at low tide



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

Pillar Point Rd.
Clallam Bay, WA 98326

Driving Directions

DIRECTIONS TO SA-STR-207

1. Start at Port Angeles, WA
2. Go east on US-101 (E 1st St) toward S Chase St/N Chase St
3. Turn right on S Peabody St
4. Turn right on E Lauridsen Blvd
5. At fork keep left on E Lauridsen Blvd (US-101)
6. Continue on US-101 (Pacific Coast Scenic Bywy)
7. Turn right on WA-112 (Highway 112)
8. Turn right on Pillar Point Rd
9. Finish at Pillar Point Rd., 98326, on the right

Freshwater Bay County Park — BL-STR-224

Boat Launch Location

Position - Location:	48° 8.778', -123° 38.501'	48° 8' 46.7", -123° 38' 30.1"	48.14630, -123.64169	Port Angeles

Comments:	Only launch mid-high tide in smaller craft (~17 ft), more bathrooms and picnic shelters up in the park



GRP Response Strategies Served:

STR-35

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Picnic Shelter in the park
Estimated Lot Size	Other	8,000 sq ft
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	11
Parking - Trailer	Not Marked	5
Power	No	
Restroom	Restroom - Vault	1 More in the park
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Freshwater Bay County Park BL-STR-224



SA-STR-224 Photo: Freshwater Bay County Park Boat Launch, June 2018



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

2300 Freshwater Bay Rd.
Port Angeles, WA 98363

Driving Directions

DIRECTIONS to SA-STR-224
1. Start at Port Angeles, WA
2. Go east on US-101 (E 1st St) toward S Chase St/N Chase St
3. Turn right on S Peabody St
4. Turn right on E Lauridsen Blvd
5. At fork keep left on E Lauridsen Blvd (US-101)
6. Continue on US-101 (Pacific Coast Scenic Bywy) (3.5 miles)
7. Turn right on WA-112 (Highway 112) (4.5 miles)
8. Turn right on Freshwater Bay Rd (2.5 miles)
9. Finish at 2300 Freshwater Bay Rd., 98363, on the right

Cline Spit County Park — BL-STR-225

Boat Launch Location

Position - Location:	48° 9.097', -123° 9.097'	48° 9' 5.8", -123° 9' 5.8"	48.15162, -123.15162	Sequim

Comments:	Launch up to 17' boat at all times, small staging area



GRP Response Strategies Served:

STR-60, STR-62

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	
Covered Spaces	No	
Estimated Lot Size	Other	7,200 sq ft
Fencing	Fencing - Perimeter	2
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	10
Parking - Trailer	Marked	10
Power	No	
Restroom	Restroom - Vault	2
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Cline Spit County Park BL-STR-225



SA-STR-225 Photo: Cline Spit County Park Boat Launch on Dungeness Bay



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

199 Cline Spit Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS to SA-STR-225
1. Start at Sequim, WA
2. Go west on E Washington St toward W Washington St/S Sequim Ave
3. Turn right on N Sequim Ave
4. At roundabout, take 2nd exit to proceed north on N Sequim Ave
5. Continue on Sequim-Dungeness Way (Sequim Dungeness Way)
6. Continue on E Anderson Rd
7. Turn right on Twin View Dr
8. Turn right on Marine Dr
9. Bear right on Cline Spit Rd
10. Finish at 199 Cline Spit Rd., 98382, on the left

Dungeness Boat Launch Ramp — BL-STR-226

Boat Launch Location

Position - Location:	48° 9.093', -123° 8.689'	48° 9' 5.6", -123° 8' 41.3"	48.15155, -123.14481	Sequim

Comments:	Launch mid-high tide ONLY. Mud at low tide.



GRP Response Strategies Served:

STR-55, STR-65

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 Floating Dock
Boat Ramp(s)	Concrete, Plank	2 Use mid-high tide ONLY
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Gazebo
Estimated Lot Size	Other	275,000 sq ft
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	15
Parking - Trailer	Marked	20
Power	Yes	Bathrooms
Restroom	Restroom - Flush	2
User Fee	No	
Waste Disposal	Trash Receptacle	
Water (potable)	Yes	

Dungeness Boat Launch Ramp BL-STR-226



SA-STR-226 Photo: Dungeness Landing Boat Launch on Dungeness Bay



Site Contact

Clallam County Parks, Fair & Facilities Department
Municipality (County/City) : Land Manager

360-417-2291

Nearest Address

298 Oyster House Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO SA-STR-226
1. Start at Sequim, WA
2. Go west on E Washington St toward W Washington St/S Sequim Ave
3. Turn right on N Sequim Ave
4. At roundabout, take 2nd exit to proceed north on N Sequim Ave
5. Continue on Sequim-Dungeness Way (Sequim Dungeness Way)
6. Continue on E Anderson Rd
7. Turn right on Twin View Dr
8. Turn right on Marine Dr
9. Turn right on Oyster House Rd
10. Finish at 298 Oyster House Rd., 98382, on the right

Boat Haven West Ramp (Port Angeles) BL-STR-235

Boat Launch Location

Position - Location:	48° 7.665', -123° 27.433'	48° 7' 39.9", -123° 27' 26.0"	48.12775, -123.45722	Port Angeles

Comments:	Large boat ramp with seasonal floats.



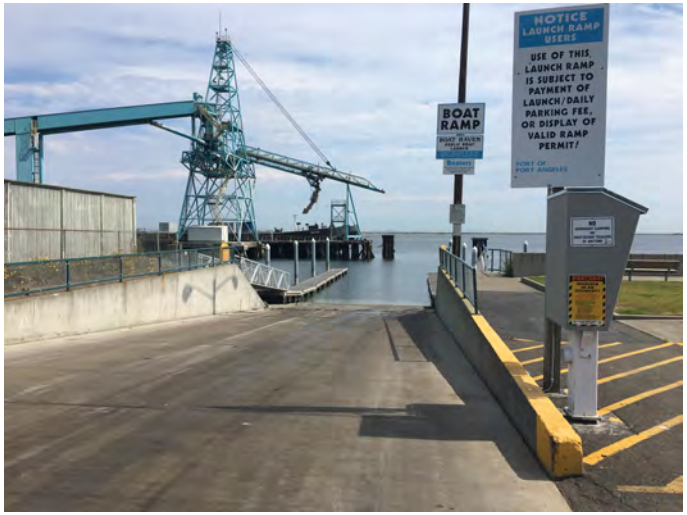
GRP Response Strategies Served:

STR-45, STR-42, STR-46, STR-43, STR-41

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Yacht Club
Estimated Lot Size	Other	60,000 sq ft
Fuel	Yes	gas, diesel, lube, transfers to 20k gal
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	60
Parking - Trailer	Marked	38
Power	Yes	
Restroom	Restroom - Flush	2
User Fee	Yes	$10.00
Waste Disposal	Pumpout	
Water (potable)	Yes	

Boat Haven West Ramp (Port Angeles) BL-STR-235



SA-STR-235 Photo: Boat Haven West Ramp in Port Angeles



Site Contact

Port of Port Angeles
Municipality (County/City) : Harbormaster

Port Angeles, WA
360-457-4505

Nearest Address

1305 Marine Dr.
Port Angeles, WA 98363

Driving Directions

DIRECTIONS to BL-STR-235
1. Start at Port Angeles, WA
2. Go northeast on N Lincoln St (US-101) toward E Front St (0.04 miles)
3. Turn left on E Front St (0.31 miles)
4. Continue on Marine Dr (E Front St) (1.04 miles)
5. Finish at 1305 Marine Dr., 98363, on the right

John Wayne Marina — BL-STR-264

Boat Launch Location

Position - Location:	48° 3.859', -123° 2.475'	48° 3' 51.5", -123° 2' 28.5"	48.06431, -123.04125	Sequim

Comments:	Double concrete ramps, protected harbor



GRP Response Strategies Served:

STR-81, STR-71, PRI-2, STR-73, STR-76, PRI-1, STR-78, STR-72, STR-75, STR-83, STR-80, PRI-4, STR-74, STR-77, PRI-3

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2 docks for loading, 7 with slips
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	3 Bars LTE Verison, WiFi available
Covered Spaces	Yes	restaurant, showers, laundry
Estimated Lot Size	Marked	60000 sq ft
Fuel	Yes	At dock by ramps
Lot Cover (Primary)	Asphalt	100%
Moorage - Perm, Open	> 60 Feet	
Parking - Car	Marked	200
Parking - Trailer	Marked	52
Power	Yes	
Restroom	Restroom - with Showers	2
User Fee	Yes	$10.00
Waste Disposal	Pumpout	1
Water (potable)	Yes	

John Wayne Marina BL-STR-264



SA-STR-264 Photo: Double concrete ramps at the John Wayne Marina



Site Contact

John Wayne Marina
Land/Property Contact : Harbormaster

Sequim, WA
360-417-3440

Nearest Address

2577 W Sequim Bay Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-264 John Wayne Marina
1. Start at Blyn, WA
2. Go west on US-101 (Highway 101)
3.Turn right on Whitefeather way (0.5 miles)
4. Turn left on W Sequim Bay Rd (0.2 miles)
5. Take the second right into John Wayne Marina2577 W Sequim Bay Rd. then go left around the Harbor Masters Office to the ramps on the right

Gardiner Boat Launch — BL-STR-267

Boat Launch Location

Position - Location:	48° 3.429', -122° 55.024'	48° 3' 25.7", -122° 55' 1.5"	48.05715, -122.91707	Sequim

Comments: single solid concrete ramp



GRP Response Strategies Served:

STR-82, STR-90, STR-92, STR-84

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	3 Bars LTE Verizon
Covered Spaces	No	
Fuel	No	
Lot Cover (Primary)	Dirt/Gravel	100%
Parking - Car	Gravel	5
Parking - Car	Not Marked	40
Parking - Trailer	Field	30
Power	No	
Restroom	Restroom - Portable	1
User Fee	Yes	15 day incl same day parking (2022)
Waste Disposal	None	
Water (potable)	No	

Gardiner Boat Launch BL-STR-267



SA-STR-267 Photo: Gardiner Boat Launch on Discovery Bay



Site Contact

Port of Port Townsend
Municipality (County/City) : Property Managers

Port Townsend, WA 98368
360-385-0656

Nearest Address

782 Gardiner Beach Rd.
Sequim, WA 98382

Driving Directions

DIRECTIONS TO STAGING AREA SA-STR-267, Gardiner
1. Start at 282603 US 101 Port Townsend
2. Go northwest on US-101 (Us Highway 101) toward Store Rd
3. Make sharp right on Gardiner Beach Rd
4. Make sharp left on Old Gardiner Rd
5. Turn right on Gardiner Beach Rd
6. Finish at 782 Gardiner Beach Rd., 98382, on the right