CENTRAL PUGET SOUND

Geographic Response Plan

(CPS-GRP)

Response Strategies and Priorities

February 2021

Before you print this document

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

INTRODUCTION

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

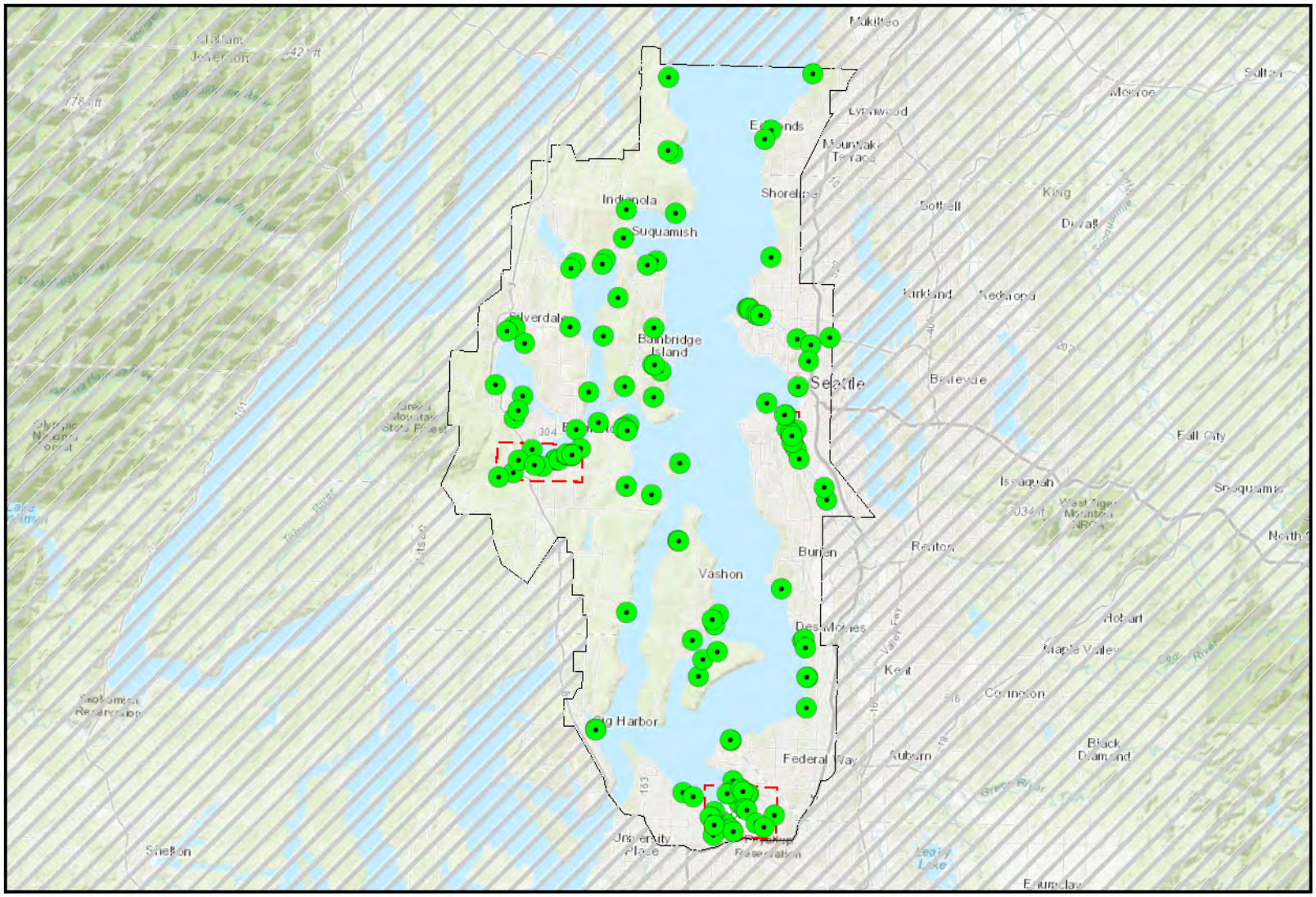
These GRP strategies have been created to reduce spilled oil's impact on sensitive resources. They are not everything that should or could be done during a response to lessen the chance of injury to natural, cultural, and economic resources. Control and containment of an oil spill is always a higher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

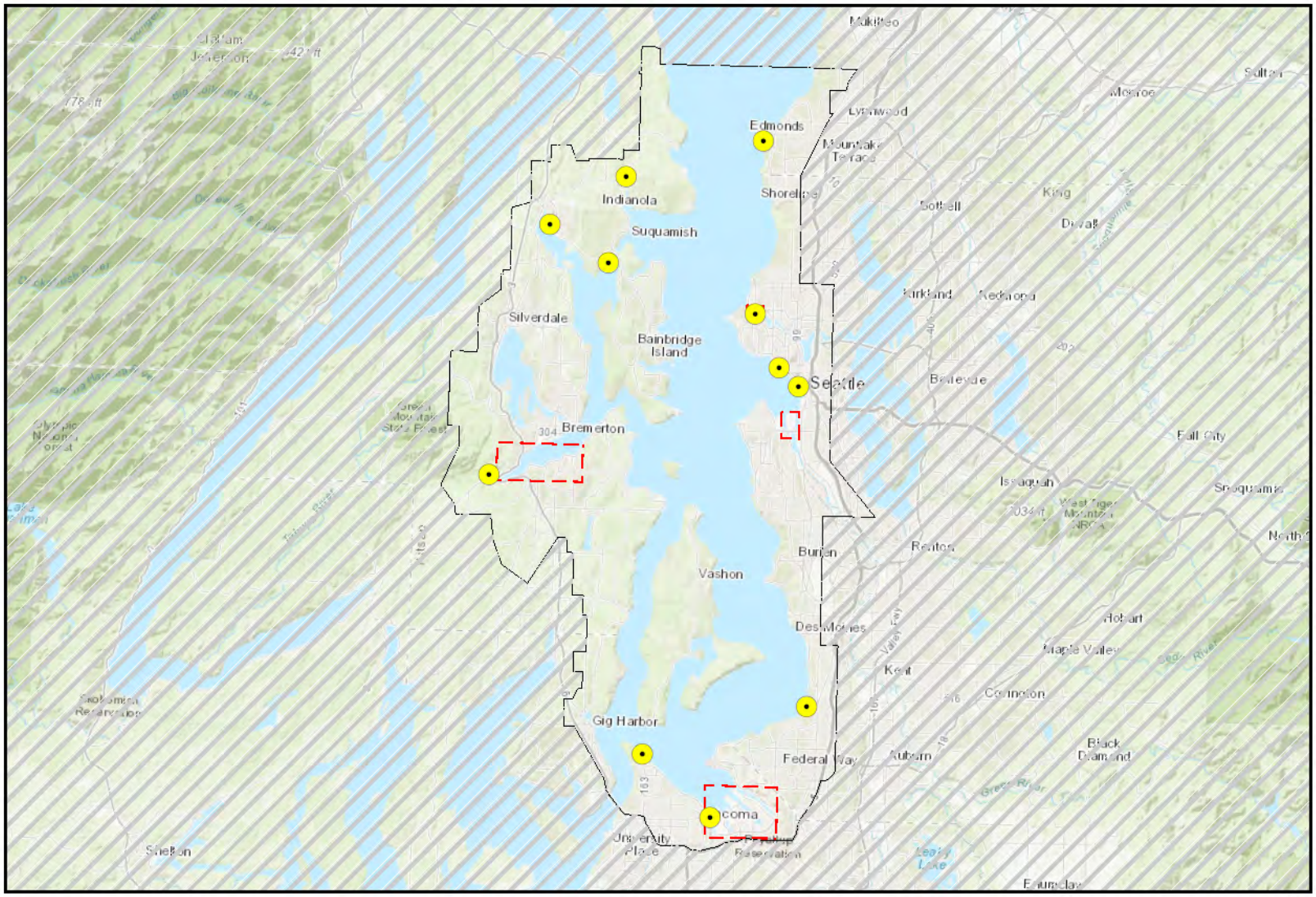
On-site Considerations Before Deploying a GRP Strategy

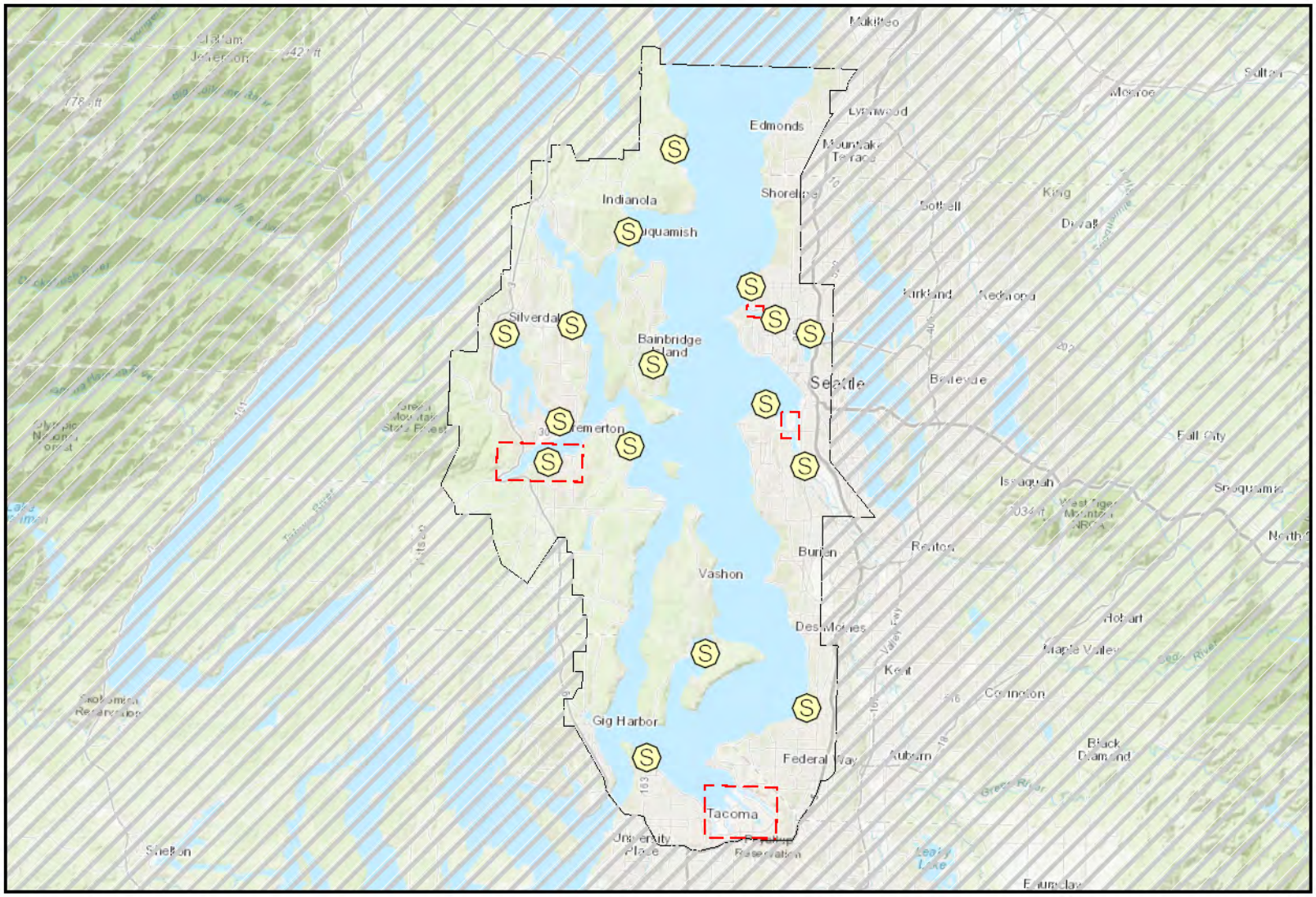
Will equipment or vehicles need to be staged on or near a roadway? If so, traffic control may be required. Contact the Washington State Patrol or local, county, municipality, or tribal police for assistance. At minimum, Washington Department of Transportation (WSDOT) guidelines for work zone traffic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

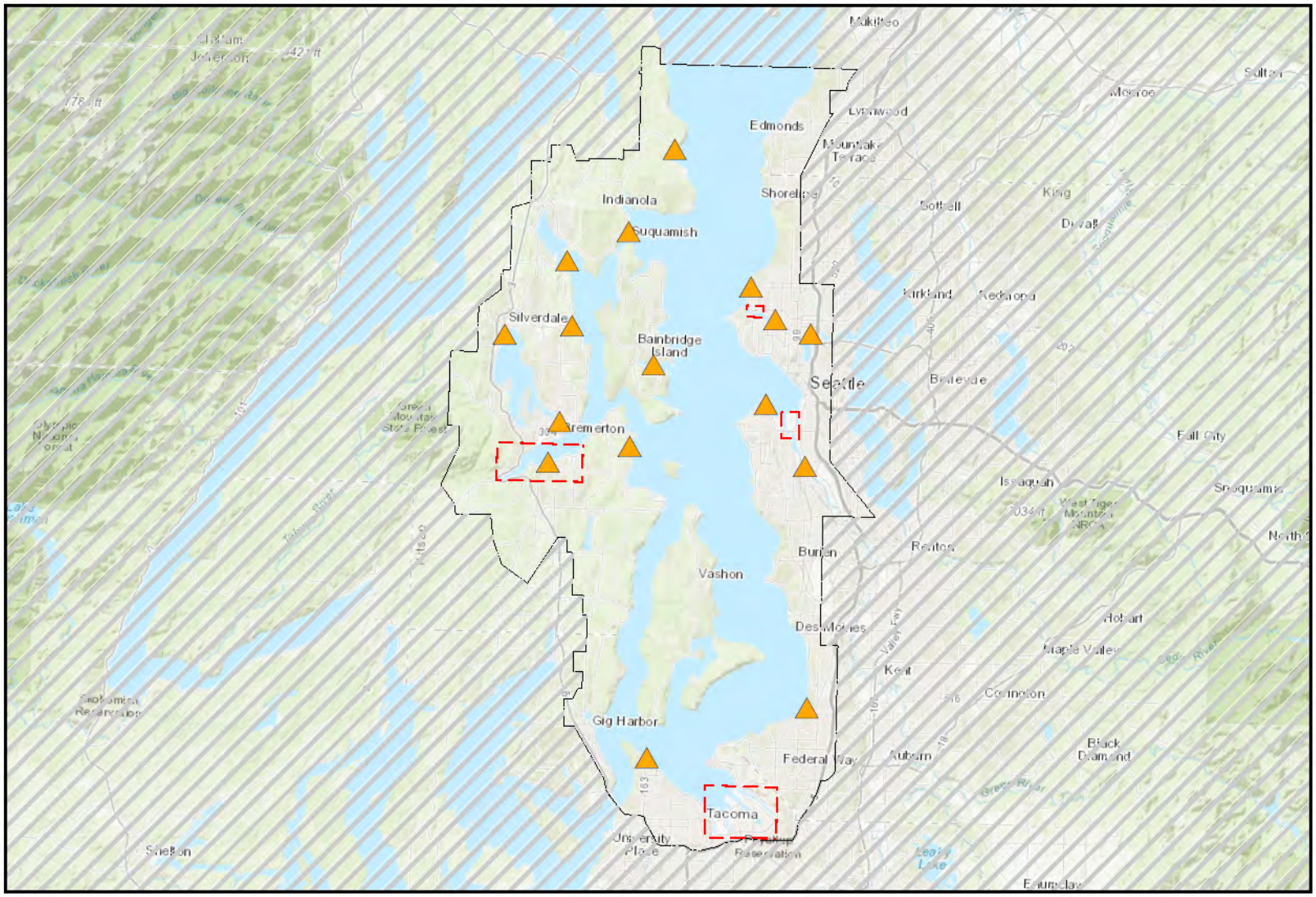
AREA OVERVIEW MAPS

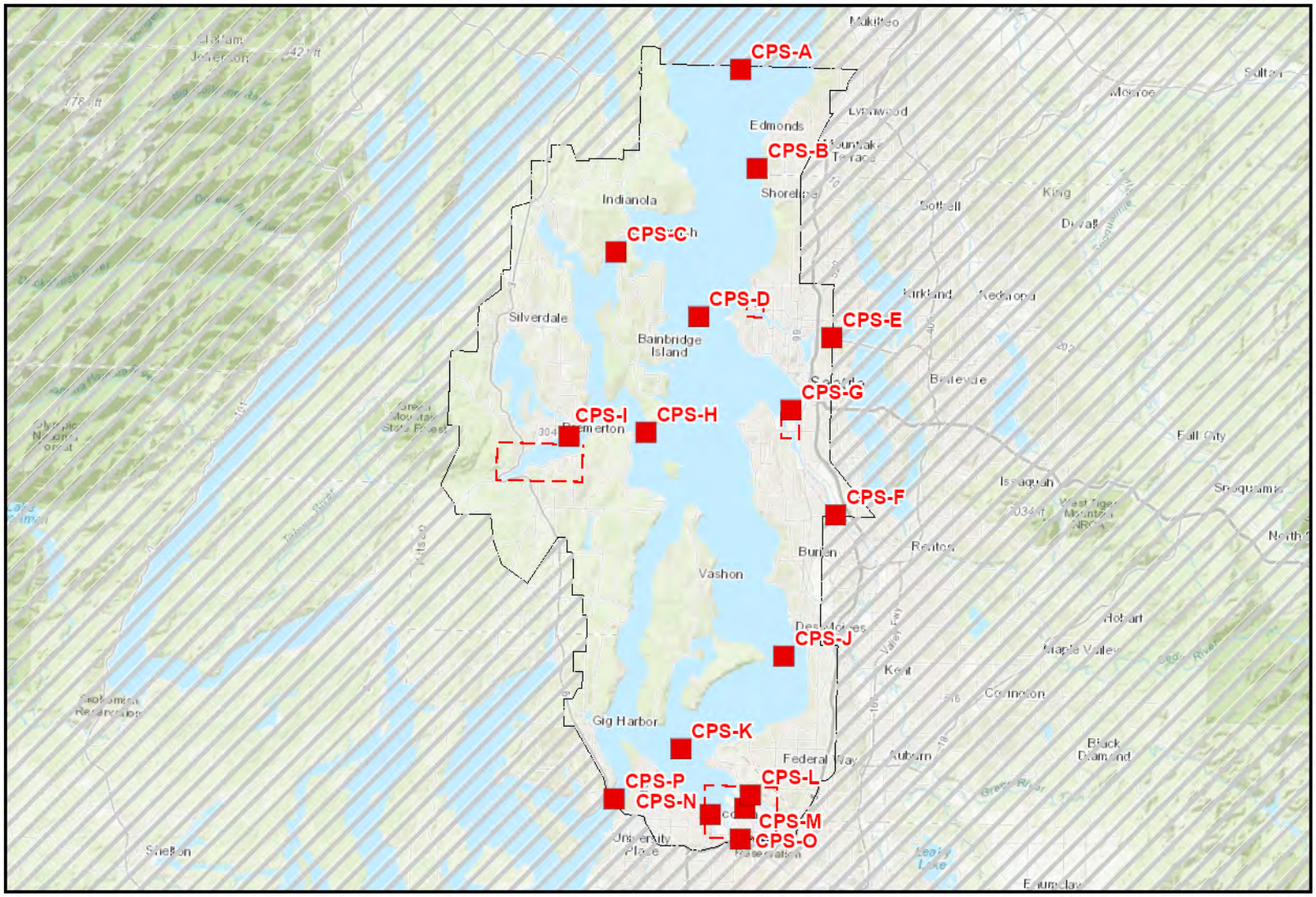
The following maps provide a geographic overview of the Central Puget Sound GRP planning area. Sector maps provide more detail on the location of response strategies, notification strategies, staging areas, boat launch locations, and POSOPs. Detailed information for each location can be found in the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


Response Strategy Locations
0 2 4 8
Miles
World Topographic Map: Esri, HERE, Garmin, FAO, USGS, NGA, EPA, NPS
Suquamish
Bainbridge Island
Seattle
Bellevue
Vashon
Burien
Renton
Kent
Auburn
Federal Way
Issaquah
Sammamish
Maple Valley
Covington
Black Diamond
Kirkland
Redmond
Shoreline
Lynnwood
Mountlake Terrace
Mukilteo
Monroe
Sultan
Snoqualmie
Fall City
Olympic National Forest
Skokomish Reservation
Shelton
University Place
Puyallup Reservation
Steilacoom
Lake Tapps
Enumclaw


Edmonds
Indianola
Suquamish
Silverdale
Bainbridge Island
Seattle
Bremerton
Vashon
Gig Harbor
Tacoma
Federal Way
Burien
Renton
Kirkland
Bellevue
Issaquah
Kent
Auburn
Black Diamond
Maple Valley
Covington
Enumclaw
Sultan
Monroe
Shelton
Notification Strategy Locations
0 2 4 8
Miles
World Topographic Map: Esri, HERE, Garmin, FAO, USGS, NGA, EPA, NPS


Edmonds
Indianola
Silverdale
Bainbridge Island
Seattle
Bremerton
Vashon
Gig Harbor
Tacoma
Federal Way
Kirkland
Bellevue
Issaquah
Renton
Burien
Des Moines
Kent
Auburn
Maple Valley
Covington
Black Diamond
Enumclaw
Shelton
Staging Area Locations
0 2 4 8
Miles
World Topographic Map: Esri, HERE, Garmin, FAO, USGS, NGA, EPA, NPS


Boat Launch Locations
0 2 4 8
Miles
World Topographic Map: Esri, HERE, Garmin, FAO, USGS, NGA, EPA, NPS
Edmonds
Indianola
Suquamish
Silverdale
Bainbridge Island
Bremerton
Seattle
Bellevue
Kirkland
Redmond
Issaquah
Renton
Burien
Vashon
Des Moines
Kent
Auburn
Federal Way
Tacoma
Gig Harbor
Lynnwood
Mountlake Terrace
Shoreline
Monroe
Maple Valley
Covington
Black Diamond
Enumclaw
Sheldon


CPS-A
CPS-B
CPS-C
CPS-D
CPS-E
CPS-F
CPS-G
CPS-H
CPS-I
CPS-J
CPS-K
CPS-L
CPS-M
CPS-N
CPS-O
CPS-P
Edmonds
Indianola
Silverdale
Bainbridge Island
Bremerton
Vashon
Gig Harbor
Federal Way
Kirkland
Bellevue
Issaquah
Renton
Burien
Kent
Auburn
Black Diamond
Covington
Maple Valley
Enumclaw
Sultan
Monroe
Snoqualmie
Fall City
Shelton
Potential Oil Spill Locations
0 2 4 8
Miles
World Topographic Map: Esri, HERE, Garmin, FAO, USGS, NGA, EPA, NPS

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 CPS-A through CPS-P. 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

CPS-A (Admiralty Inlet and Possession Sound)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-11e**	Sector CPS-1	111		200
2	**CPS-10f**	Sector CPS-1	100	Deploy at high (flood) tide	1800
3	**CPS-1**	Sector CPS-1	101		700
4	**CPS-2**	Sector CPS-1	103		100
4	**CPS-12**	Sector CPS-2	113		1000
5	**CPS-13**	Sector CPS-2	115		800
6	**CPS-3**	Sector CPS-2	105		500
7	**BAI-2**	Sector CPS-2	81		500
8	**BAI-1**	Sector CPS-2	79		1100
9	**CPS-14**	Sector CPS-2	117		1000
10	**CPS-4**	Sector CPS-1	107		400
					Total: 8100

CPS-B (Point Wells)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-12**	Sector CPS-2	113		1000
2	**BAI-1**	Sector CPS-2	79		1100
3	**CPS-13**	Sector CPS-2	115		800
4	**BAI-2**	Sector CPS-2	81		500
5	**CPS-14**	Sector CPS-2	117		1000
6	**CPS-10f**	Sector CPS-1	109	Deploy at high (flood) tide	1800
7	**CPS-11e**	Sector CPS-1	111		200
8	**CPS-1**	Sector CPS-1	101		700
9	**CPS-2**	Sector CPS-1	103		100
10	**CPS-3**	Sector CPS-2	105		500
					Total: 7700

CPS-C (Agate Passage Bridge)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-12**	Sector CPS-2	113		1000
2	**BAI-1**	Sector CPS-2	79		1100
3	**CPS-14**	Sector CPS-2	117		1000
4	**CPS-20**	Sector CPS-10	119		1300
5	**CPS-21**	Sector CPS-10	121		500
6	**CPS-13**	Sector CPS-2	115		800
7	**BAI-2**	Sector CPS-2	81		500
8	**BAI-10**	Sector CPS-10	97		1000
10	**CPS-22**	Sector CPS-10	123		200
11	**CPS-23**	Sector CPS-10	125		800
12	**CPS-24**	Sector CPS-11	127		200
13	**BAI-9**	Sector CPS-11	95		500
					Total: 8900

CPS-D (Shilshole Bay)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**BAI-6**	Sector CPS-3	89		800
2	**BAI-4**	Sector CPS-3	85		700
3	**BAI-5**	Sector CPS-3	87		300
4	**BAI-3**	Sector CPS-3	83		100
5	**CPS-3**	Sector CPS-2	105		500
6	**CPS-40**	Sector CPS-3	149		1600
7	**CPS-41**	Sector CPS-3	151		500
8	**BLI-1**	Sector CPS-5	99		600
					Total: 5100

CPS-E (Lake Washington)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-30**	Sector CPS-3	129		400
2	**CPS-31**	Sector CPS-3	131		1400
3	**CPS-33**	Sector CPS-3	135		600
4	**CPS-34**	Sector CPS-3	137		600
5	**CPS-35**	Sector CPS-3	139		800
6	**CPS-36**	Sector CPS-3	141		400
7	**CPS-37**	Sector CPS-3	143		200
8	**CPS-38**	Sector CPS-3	145		400
9	**CPS-39**	Sector CPS-3	147		500
					Total: 5300

CPS-F (Green River)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**DEW-1.3**	Sector CPS-3	281		600
2	**DWW-0.8**	Sector CPS-3	285		1100
3	**DWW-1.1**	Sector CPS-3	287		800
~~4~~	~~**DWW-0.0**~~	~~Sector CPS-3~~	~~XXX~~		~~2000~~
5	**GRD-1.1**	Sector CPS-4	293		1600
6	**GRD-1.5**	Sector CPS-4	295		600
7	**GRD-0.6**	Sector CPS-3	289		900
8	**GRD-1.0**	Sector CPS-4	291		200
9	**GRD-2.0**	Sector CPS-4	297		900
10	**GRD-4.9**	Sector CPS-4	299		400
11	**CPS-40**	Sector CPS-3	149		1600
12	**CPS-41**	Sector CPS-3	151		500
					Total: 11,200

CPS-G (Harbor Island)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
~~1~~	~~**DWW-0.0**~~	~~Sector CPS-3~~	~~XXX~~		~~2000~~
2	**CPS-40**	Sector CPS-3	149		1600
3	**CPS-41**	Sector CPS-3	151		500
4	**DEW-1.3**	Sector CPS-3	281		600
5	**DWW-0.8**	Sector CPS-3	285		1100
6	**DWW-1.1**	Sector CPS-3	287		800
7	**GRD-0.6**	Sector CPS-3	289		900
8	**BAI-7**	Sector CPS-3	91		100
9	**BAI-6**	Sector CPS-3	89		800
10	**BAI-5**	Sector CPS-3	87		300
11	**BAI-4**	Sector CPS-3	85		700
12	**BAI-3**	Sector CPS-3	83		100
13	**BLI-1**	Sector CPS-5	99		600
					Total: 10,100

CPS-H (Rich Passage)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-92**	Sector CPS-5	209		400
2	**CPS-90**	Sector CPS-5	202		1000
3	**CPS-91e**	Sector CPS-5	205		100
4	**CPS-91f**	Sector CPS-5	207	Deploy at high (flood) tide	1100
5	**BAI-8**	Sector CPS-5	93	Land deployment – no boat access	100
6	**CPS-93f**	Sector CPS-5	211	Deploy at high (flood) tide	200
7	**CPS-94e**	Sector CPS-5	213	Land deployment – no boat access	100
8	**BLI-1**	Sector CPS-5	99		600
9	**VI-6e**	Sector CPS-6	321	Land deployment – no boat access	100
10	**VI-6f**	Sector CPS-6	323	Deploy at high (flood) tide	1000
11	**CPS-70**	Sector CPS-11	169		1000
12	**CPS-71**	Sector CPS-11	171		700
13	**BAI-7**	Sector CPS-3	91		100
					Total: 6500

CPS-I (Bremerton and Dyes Inlet)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-74e**	Sector CPS-11	177	Land deployment – no boat access	100
2	**CPS-75e**	Sector CPS-11	179	Land deployment – no boat access	100
3	**CPS-76e**	Sector CPS-11	185	Land deployment – no boat access	100
4	**CPS-80e**	Sector CPS-11	193	Land deployment – no boat access	100
5	**CPS-82e**	Sector CPS-11	197	Land deployment – no boat access	100
6	**CPS-54**	Sector CPS-11	161		600
7	**CPS-53f**	Sector CPS-11	159	Deploy at high (flood) tide	1000
8	**CPS-70**	Sector CPS-11	169		1000
9	**BAI-8**	Sector CPS-5	93	Land deployment – no boat access	100
10	**CPS-81f**	Sector CPS-11	195	Deploy at high (flood) tide	3000
11	**CPS-55f**	Sector CPS-11	163	Deploy at high (flood) tide	800
12	**CPS-56e**	Sector CPS-11	165	Land deployment – no boat access	100
13	**CPS-74f**	Sector CPS-11	179	Deploy at high (flood) tide	800
14	**CPS-75f**	Sector CPS-11	183	Deploy at high (flood) tide	500
					Total: 8400

CPS-J (East Passage)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-110e**	Sector CPS-6	219	Land deployment – no boat access	100
2	**CPS-113e**	Sector CPS-7	225	Land deployment – no boat access	100
3	**VI-1e**	Sector CPS-6	311	Land deployment – no boat access	100
4	**VI-2e**	Sector CPS-6	313	Land deployment – no boat access	100
5	**CPS-112**	Sector CPS-6	223		100
6	**CPS-111**	Sector CPS-6	221		400
7	**CPS-100e**	Sector CPS-6	217	Land deployment – no boat access	50
8	**CPS-113f**	Sector CPS-7	227	Deploy at high (flood) tide	1000
9	**CPS-120f**	Sector CPS-7	233	Deploy at high (flood) tide	1400
10	**CPS-114**	Sector CPS-7	229		600
11	**VI-3**	Sector CPS-6	315		700
					Total: 4650

CPS-K (Commencement Bay)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**MAUI-1**	Sector CPS-7	301		700
2	**VI-5**	Sector CPS-7	319		200
3	**VI-4f**	Sector CPS-7	317	Deploy at high (flood) tide	1000
4	**CPS-120e**	Sector CPS-7	231	Land deployment – no boat access	100
5	**MAUI-2**	Sector CPS-7	303		100
6	**CPS-180**	Sector CPS-9	277		600
7	**CPS-171**	Sector CPS-8	275		100
8	**CPS-170**	Sector CPS-8	273		200
9	**CPS-150**	Sector CPS-8	263		500
10	**CPS-140**	Sector CPS-8	249		1200
11	**CPS-131**	Sector CPS-8	237		900
12	**CPS-130**	Sector CPS-8	235		2500
13	**CPS-141a**	Sector CPS-8	251	Reverse angle	700
14	**CPS-141b**	Sector CPS-8	253	Reverse angle	700
15	**PYLPR-1.2**	Sector CPS-8	305		200

Total: 9700

CPS-L (Hylebos Waterway)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-133**	Sector CPS-8	243		800
2	**CPS-134**	Sector CPS-8	245		1400
3	**CPS-132b**	Sector CPS-8	241		1100
4	**CPS-132a**	Sector CPS-8	239		200
5	**CPS-135**	Sector CPS-8	247		300
6	**CPS-131**	Sector CPS-8	237		900
7	**CPS-130**	Sector CPS-8	235		250
8	**CPS-141a**	Sector CPS-8	251	Reverse angle	700
9	**CPS-141b**	Sector CPS-8	253	Reverse angle	700
10	**CPS-140**	Sector CPS-8	251		1200
11	**CPS-142**	Sector CPS-8	255		500
12	**CPS-143**	Sector CPS-8	257		300
13	**CPS-150**	Sector CPS-8	263		500
14	**PYLPR-1.2**	Sector CPS-8	305		200
					Total: 9050

CPS-M (Blair Waterway)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-141a**	Sector CPS-8	251		700
2	**CPS-141b**	Sector CPS-8	253		700
3	**CPS-143**	Sector CPS-8	257		300
4	**CPS-142**	Sector CPS-8	255		500
5	**CPS-145**	Sector CPS-8	261		500
6	**CPS-140**	Sector CPS-8	249		1200
7	**CPS-131**	Sector CPS-8	237		900
8	**CPS-130**	Sector CPS-8	235		2500
9	**CPS-150**	Sector CPS-8	263		500
10	**PYLPR-1.2**	Sector CPS-8	305		200
11	**PYLPR-1.6**	Sector CPS-8	307		200
12	**PYLPR-1.8**	Sector CPS-8	309		200
13	**CPS-170**	Sector CPS-8	273		200
14	**CPS-171**	Sector CPS-8	275		100
					Total: 8700

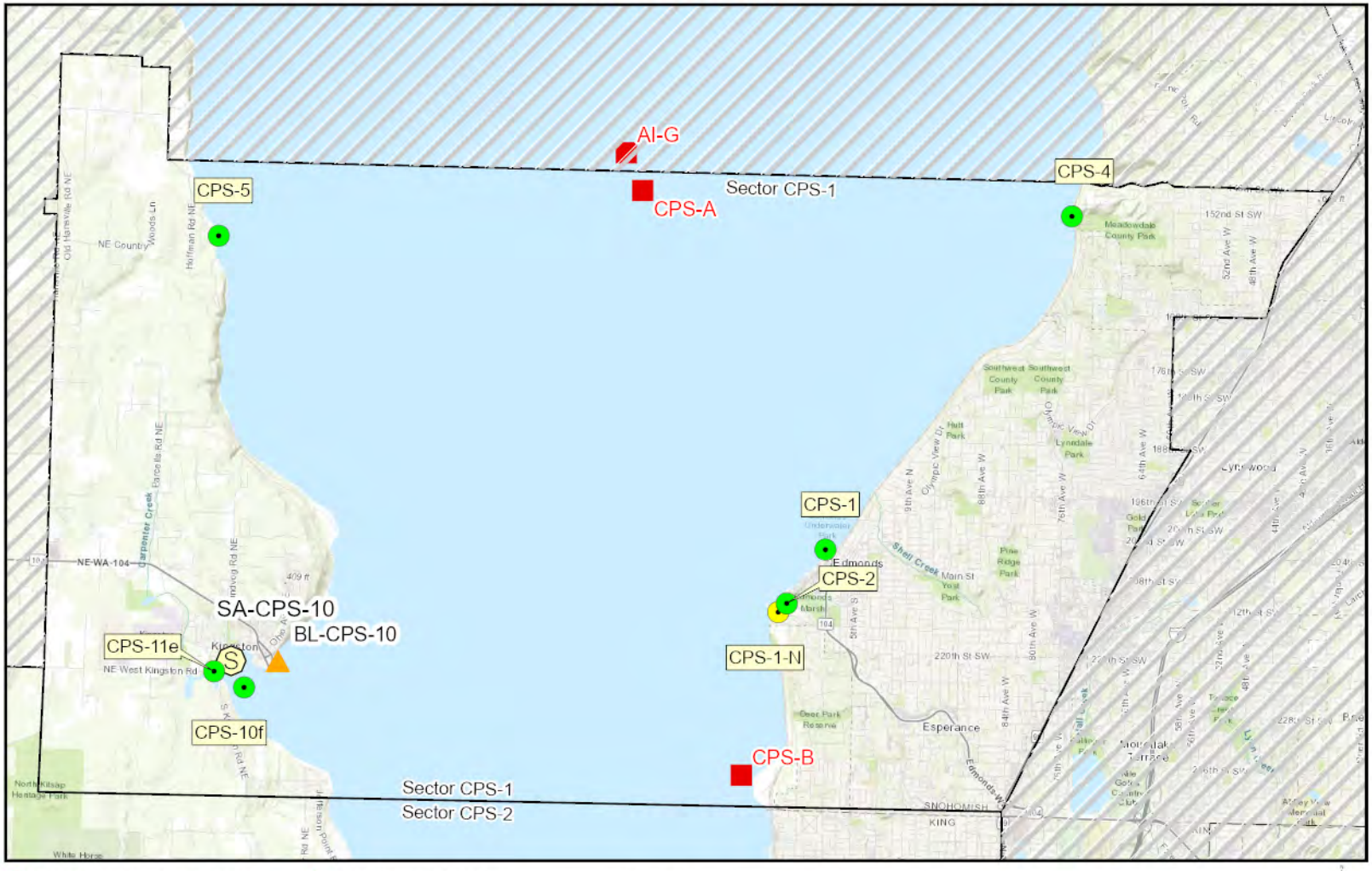
CPS-N (Thea Foss Waterway)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-150**	Sector CPS-8	263		500
2	**CPS-161**	Sector CPS-8	269		400
3	**CPS-162**	Sector CPS-8	271		400
4	**CPS-160a**	Sector CPS-8	265		700
~~5~~	~~**CPS-160b**~~	~~Sector CPS-8~~	~~267~~	To be deleted – do not deploy	100
6	**PYLPR-1.2**	Sector CPS-8	305		200
7	**PYLPR-1.6**	Sector CPS-8	307		200
8	**PYLPR-1.8**	Sector CPS-8	309		200
9	**CPS-170**	Sector CPS-8	273		200
10	**CPS-171**	Sector CPS-8	275		100
11	**CPS-140**	Sector CPS-8	249		1200
12	**CPS-130**	Sector CPS-8	235		2500
13	**CPS-131**	Sector CPS-8	237		900
14	**CPS-141a**	Sector CPS-8	251	Reverse angle	700
15	**CPS-141b**	Sector CPS-8	253	Reverse angle	700

Total: 9000

CPS-O (Puyallup River)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	
1	**PYLPR-1.8**	Sector CPS-8	309		200
2	**PYLPR-1.6**	Sector CPS-8	307		200
3	**PYLPR-1.2**	Sector CPS-8	305		200
4	**CPS-150**	Sector CPS-8	263		500
5	**CPS-161**	Sector CPS-8	269		400
6	**CPS-162**	Sector CPS-8	271		400
7	**CPS-160a**	Sector CPS-8	265		700
8	~~**CPS-160b**~~	~~Sector CPS-8~~	~~267~~	To be deleted – do not deploy	100
9	**CPS-170**	Sector CPS-8	273		200
10	**CPS-171**	Sector CPS-8	275		100
11	**CPS-140**	Sector CPS-8	249		1200
12	**CPS-130**	Sector CPS-8	235		2500
13	**CPS-131**	Sector CPS-8	237		900
14	**CPS-141a**	Sector CPS-8	251	Reverse angle	700
15	**CPS-141b**	Sector CPS-8	253	Reverse angle	700

Total: 9000

CPS-P (Tacoma Narrows)					
Implementation Priority	**Strategy Number**	**Sector Map**	**Strategy Details (Page #)**	**Comments**	**Boom Length (ft)**
1	**CPS-180**	Sector CPS-9	277		600
~~2~~	~~**CPS-195**~~	~~Sector CPS-6~~	~~241~~		
3	**VI-6e**	Sector CPS-6	321	Land deployment – no boat access	100
4	**CPS-120e**	Sector CPS-7	231	Land deployment – no boat access	100
5	**MAUI-1**	Sector CPS-7	301		700
6	**VI-5**	Sector CPS-7	319		200
7	**MAUI-2**	Sector CPS-7	303		100
8	**VI-4**	Sector CPS-7	317		1000
9	**VI-6f**	Sector CPS-6	323	Deploy at high (flood) tide	1000
10	**CPS-120f**	Sector CPS-7	233	Deploy at high (flood) tide	1400
					Total: 5200

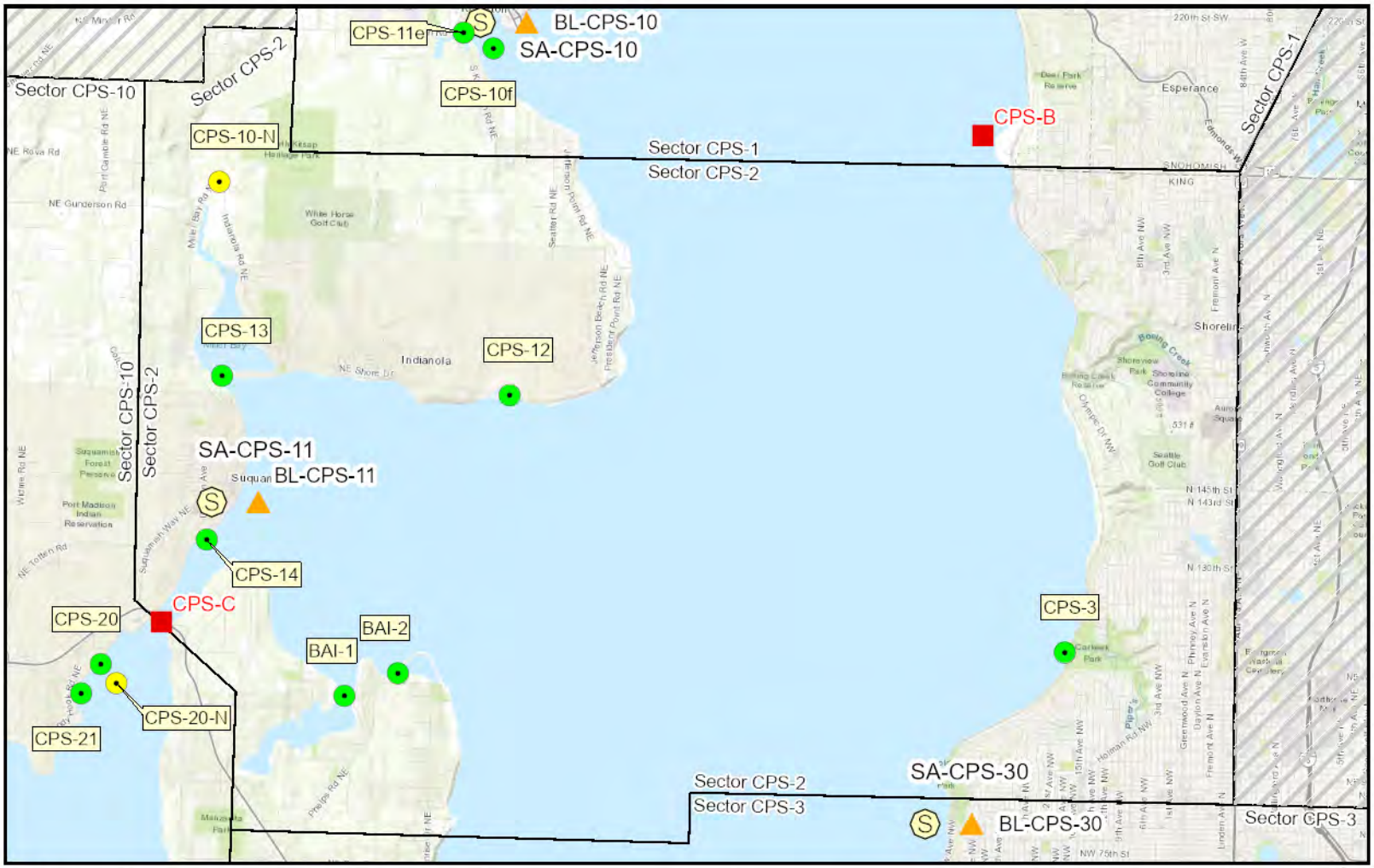


Response Strategy Locations
Notification Strategy Locations
Staging Area Locations
Boat Launch Locations
Potential Oil Spill Points

World Topographic Map: Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

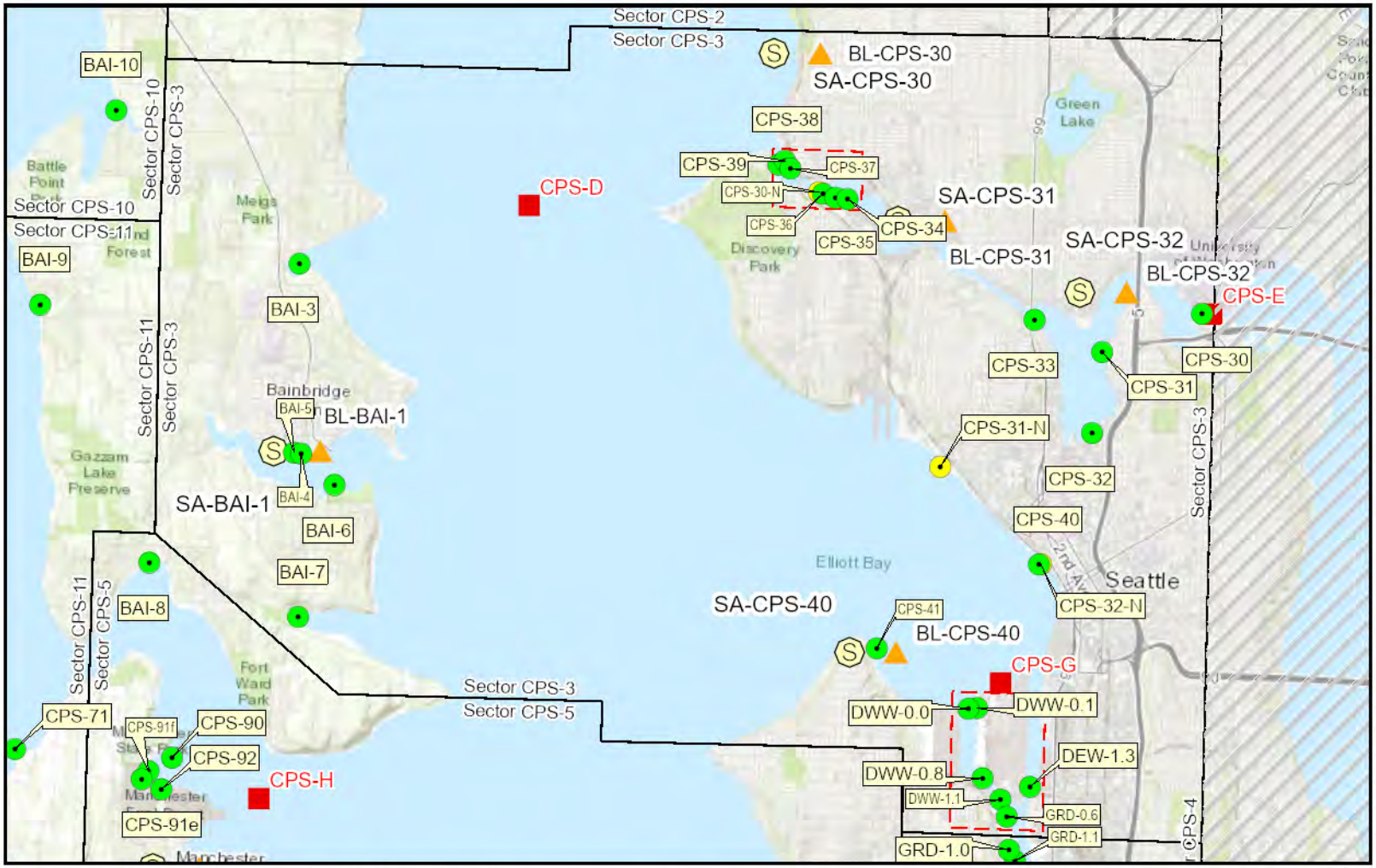
Sector CPS-1

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



Sector CPS-2

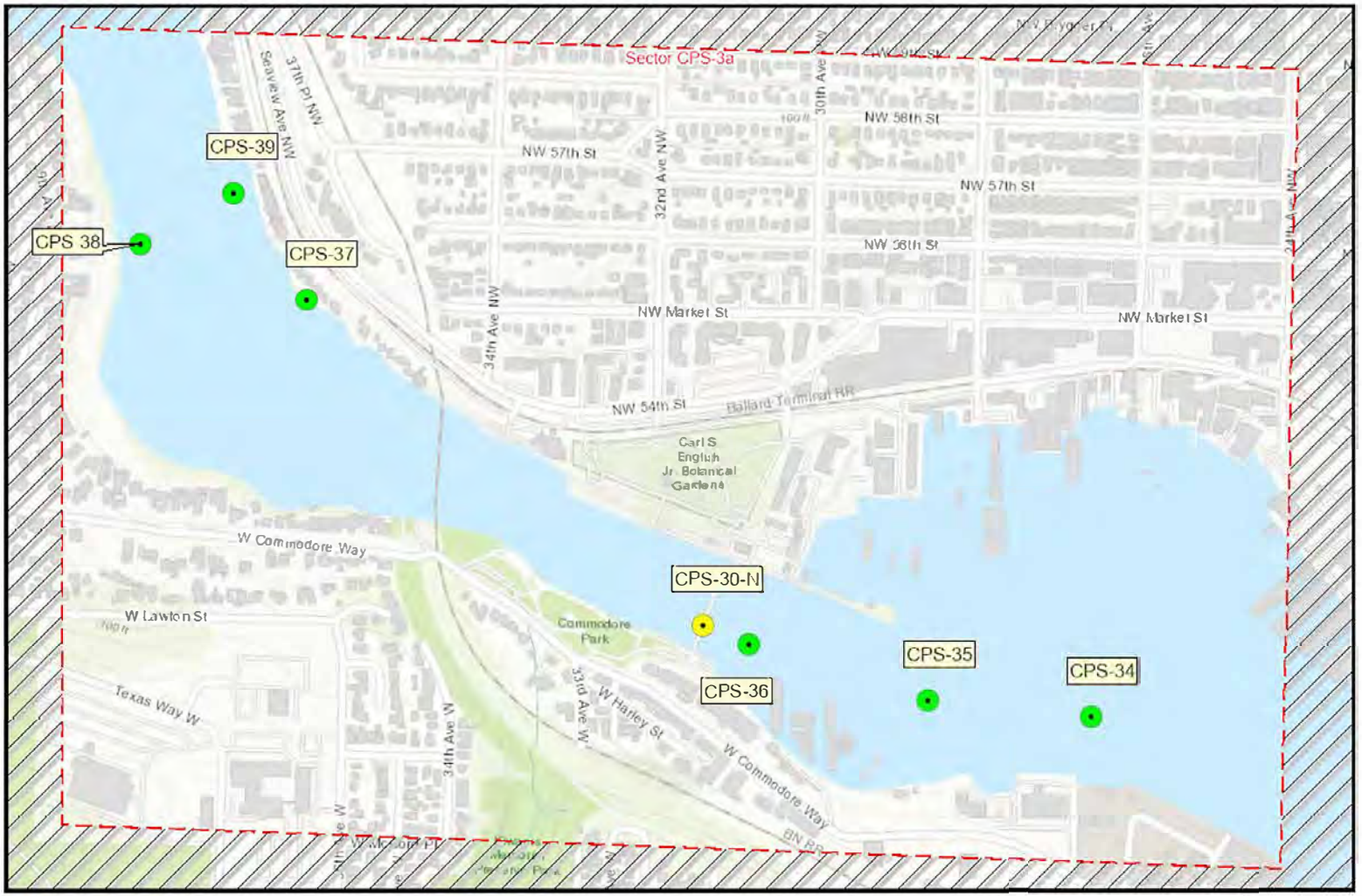
Staging Area and Boat Launch symbols are offset to prevent overlapping.



World Topographic Map: City of Seattle, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

Sector CPS-3

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



Response Strategy Locations

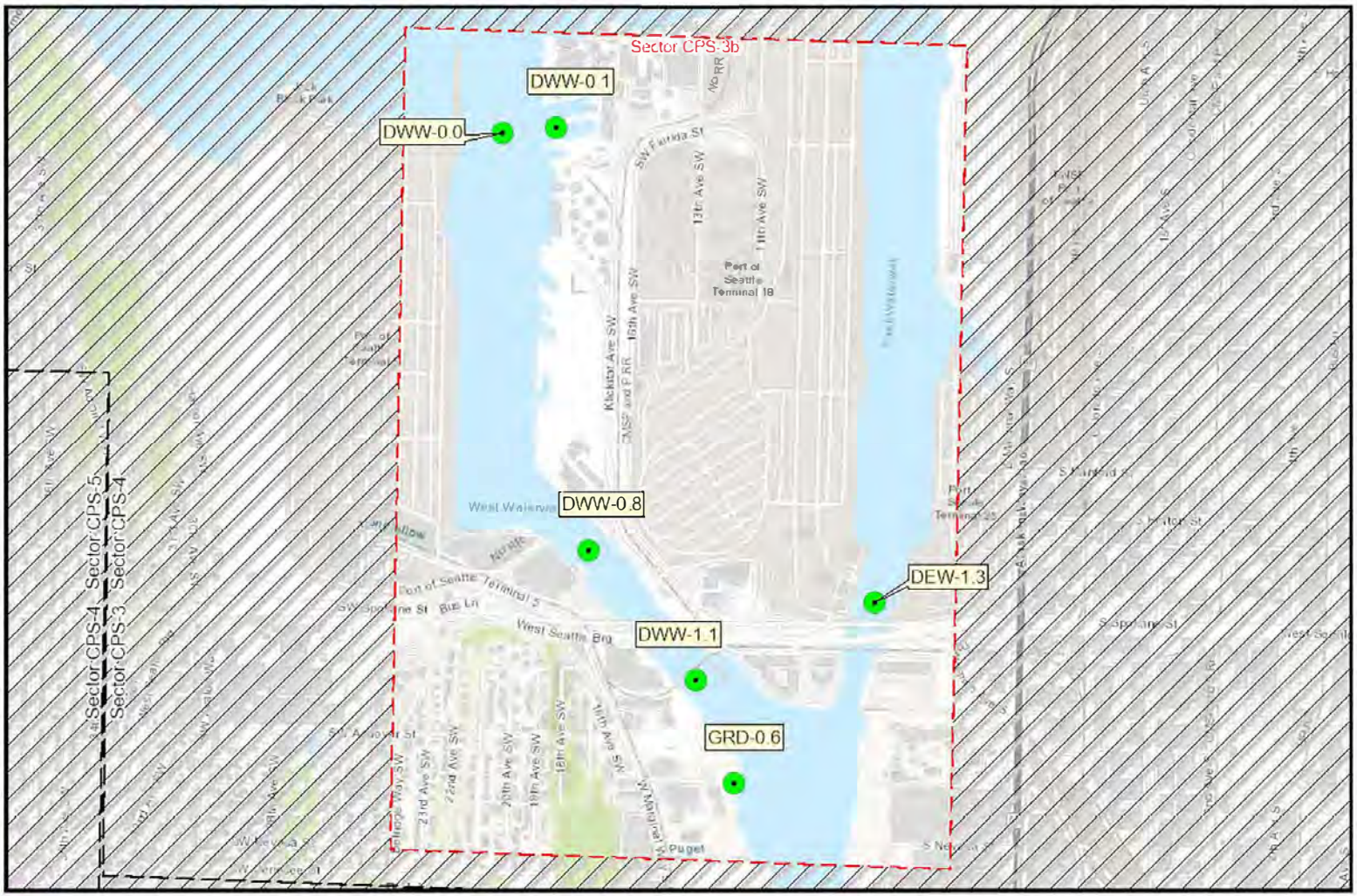
Notification Strategy Locations

0 0.17 0.35 Miles

World Topographic Map: City of Seattle, County of King, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

Sector CPS-3a

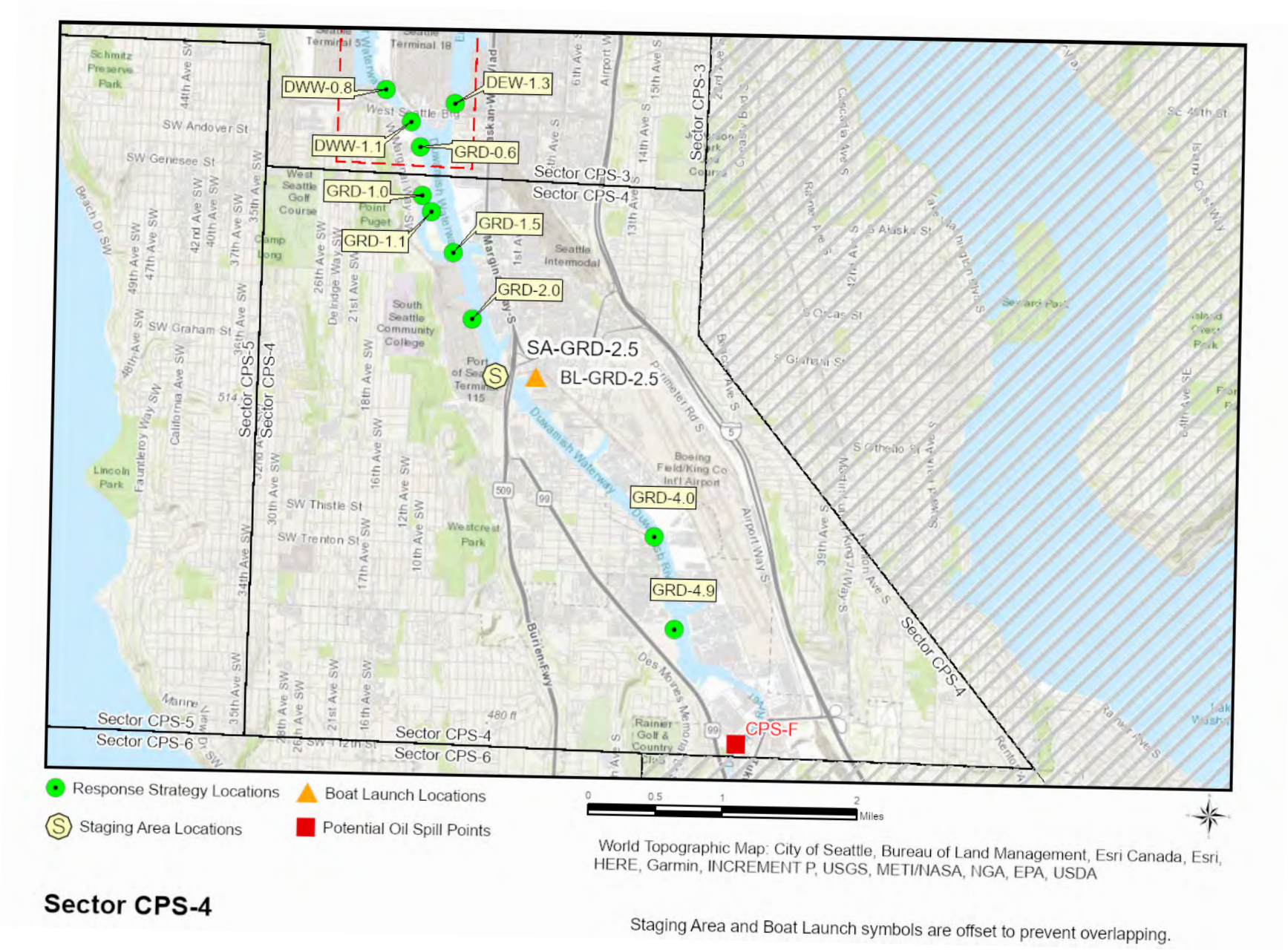
Staging Area and Boat Launch symbols are offset to prevent overlapping



World Topographic Map: City of Seattle, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

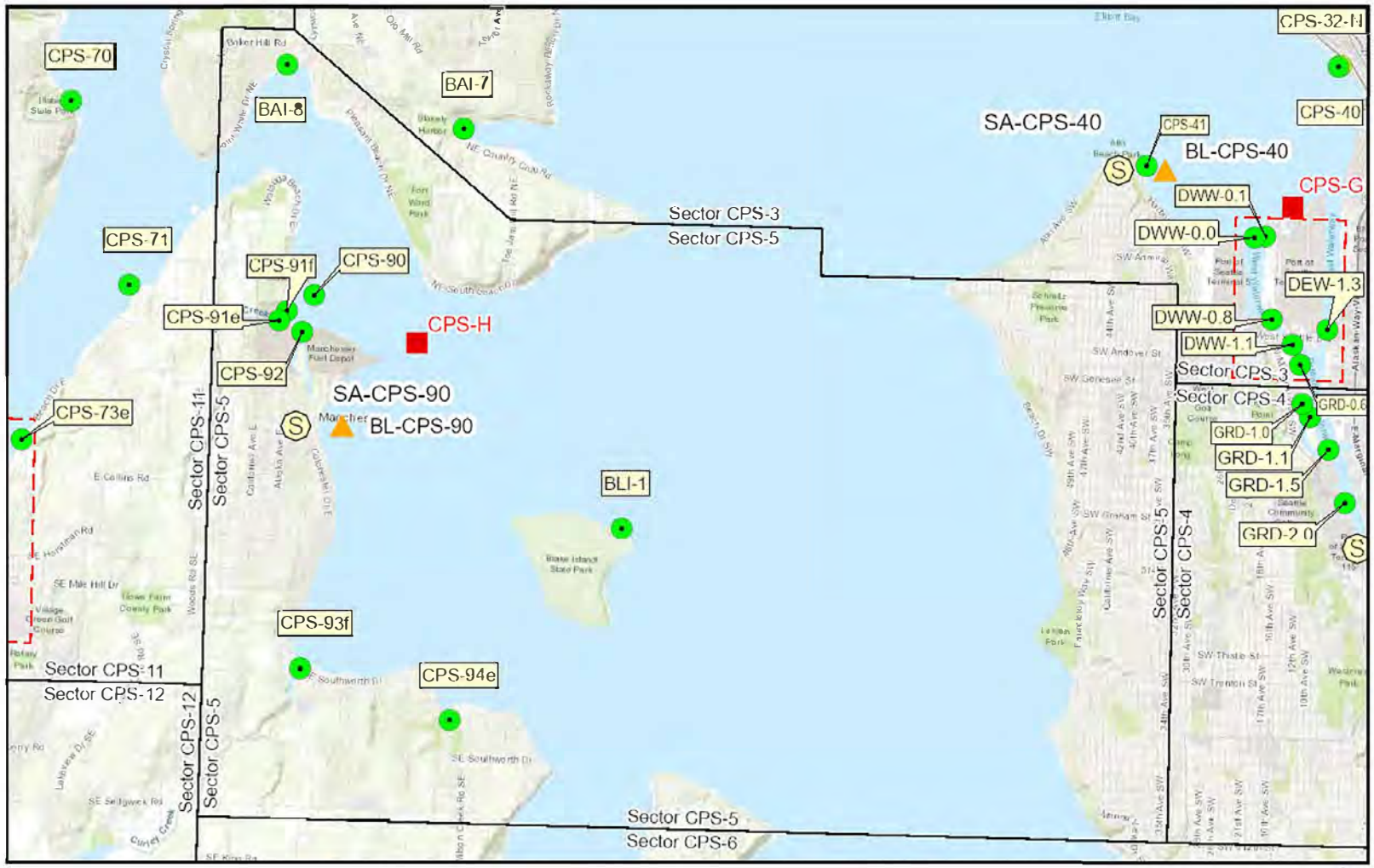
Staging Area and Boat Launch symbols are offset to prevent overlapping

Sector CPS-3b



Sector CPS-4

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



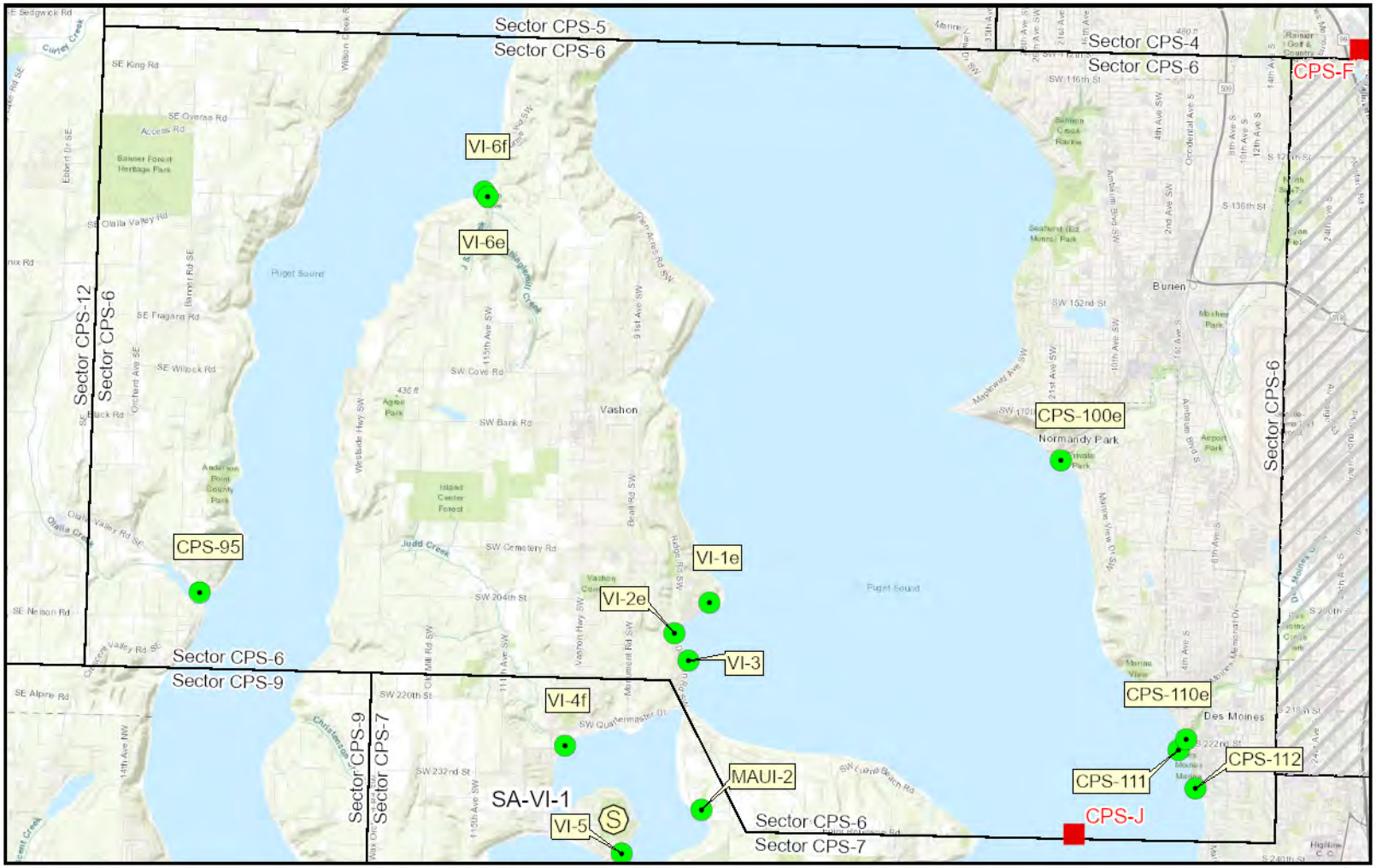
Response Strategy Locations
Notification Strategy Locations
Staging Area Locations
Boat Launch Locations
Potential Oil Spill Points

0 0.5 1 2 Miles

World Topographic Map: County of Kitsap, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

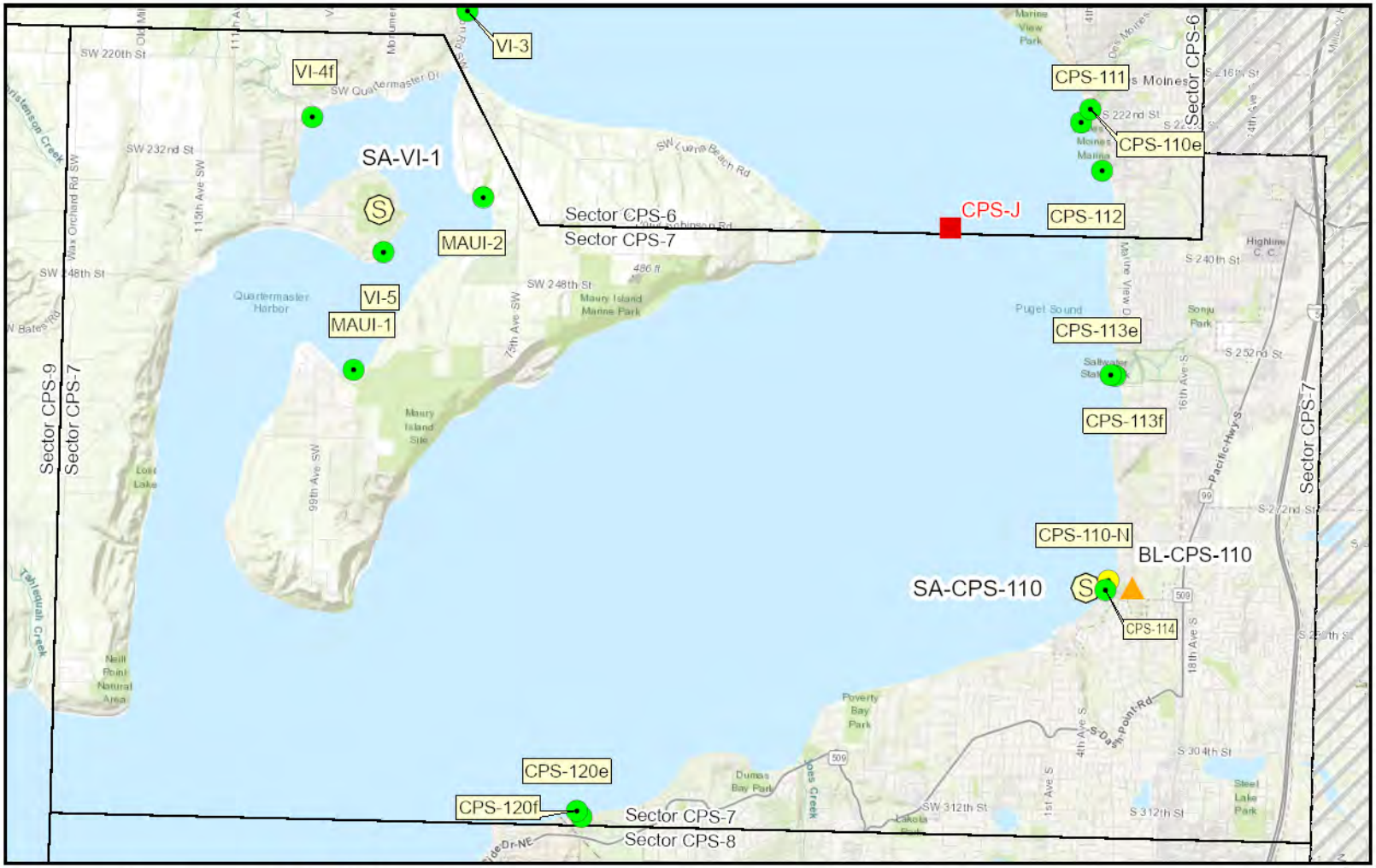
Sector CPS-5

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



Sector CPS-6

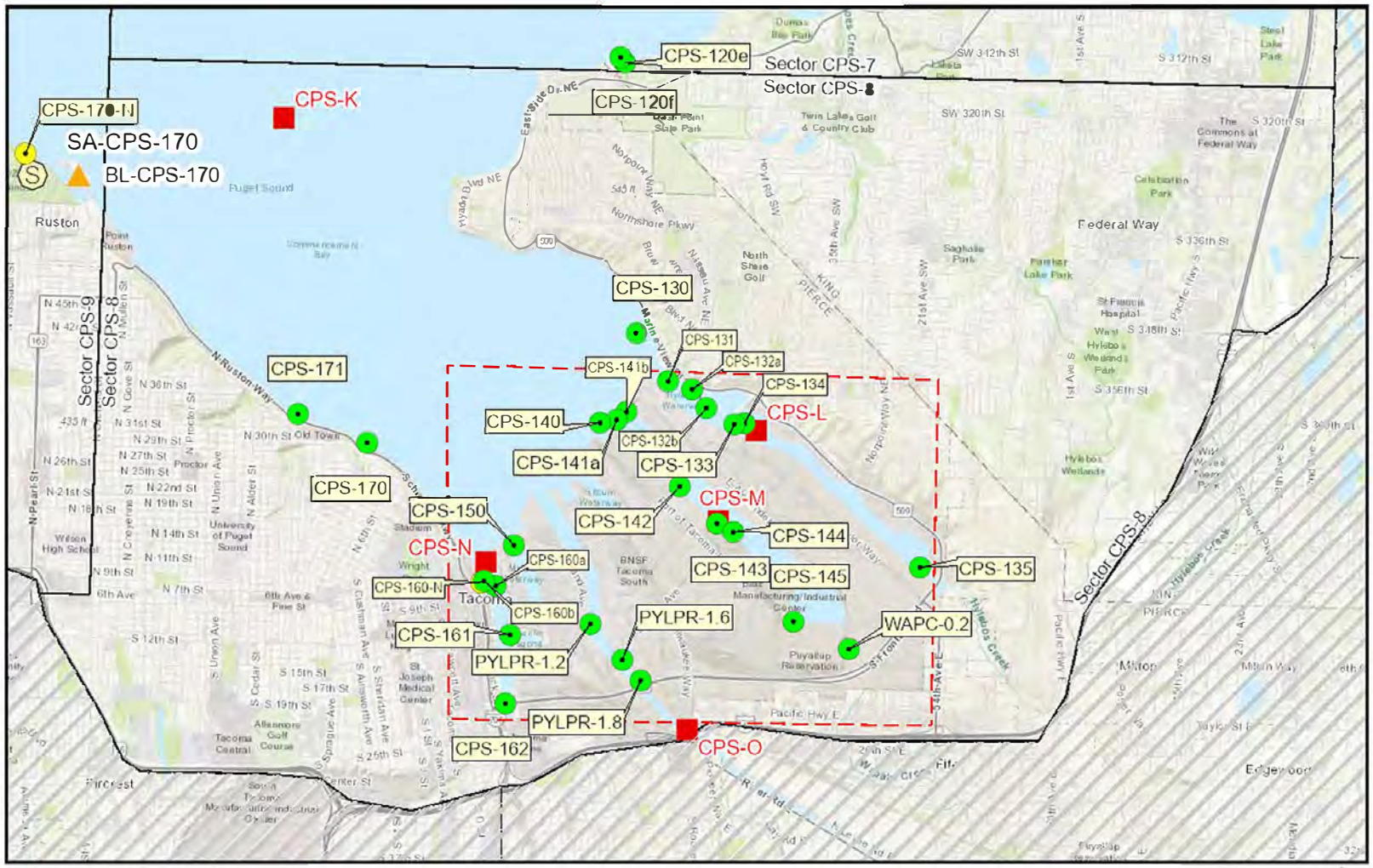
Staging Area and Boat Launch symbols are offset to prevent overlapping.



World Topographic Map: Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

Sector CPS-7

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



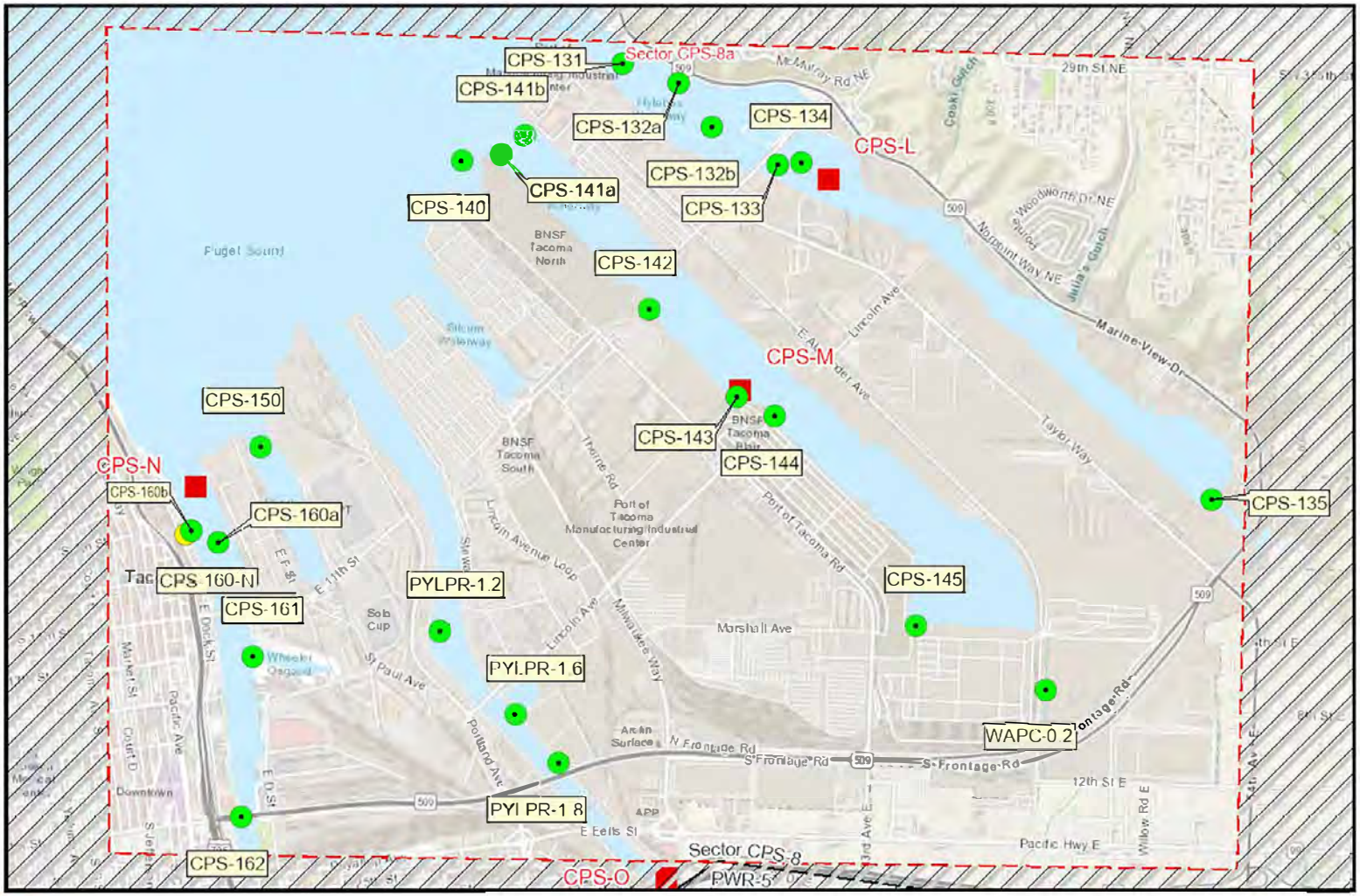
Response Strategy Locations
Boat Launch Locations
Notification Strategy Locations
Potential Oil Spill Points
Staging Area Locations

0 0.5 1 2 Miles

World Topographic Map: City of Tacoma, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

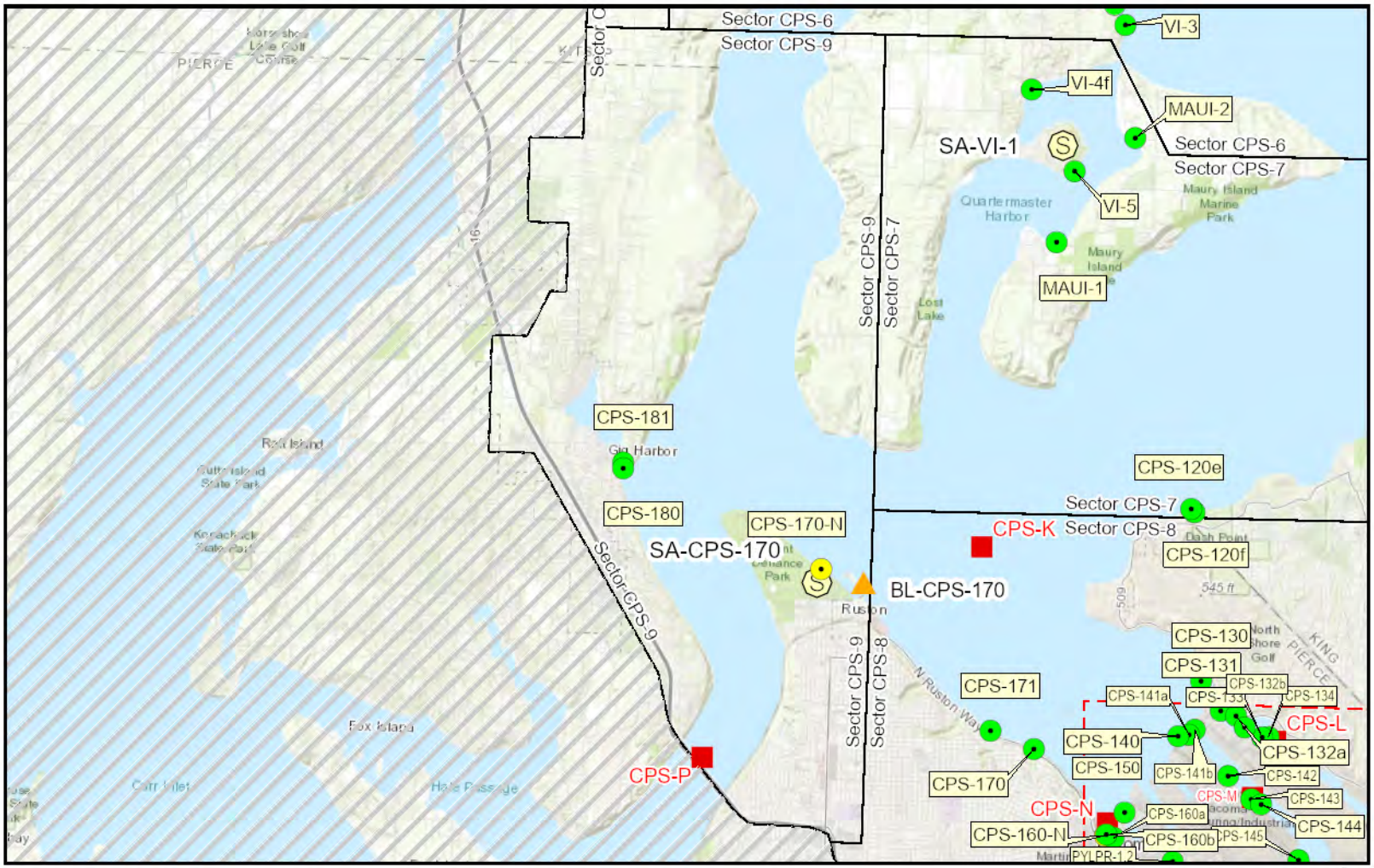
Sector CPS-8

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



Sector CPS-8a

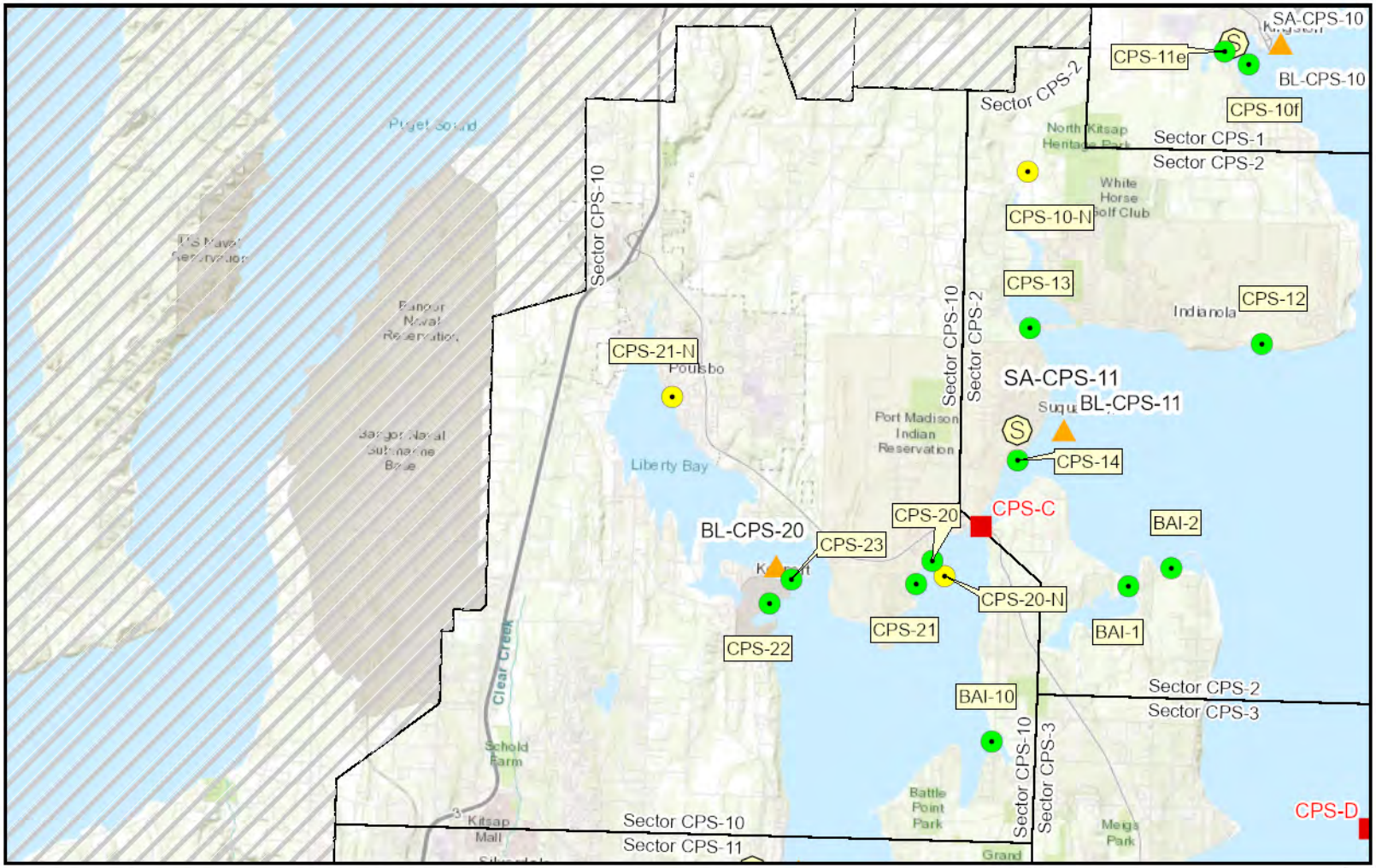
Staging Area and Boat Launch symbols are offset to prevent overlapping



World Topographic Map: Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

Sector CPS-9

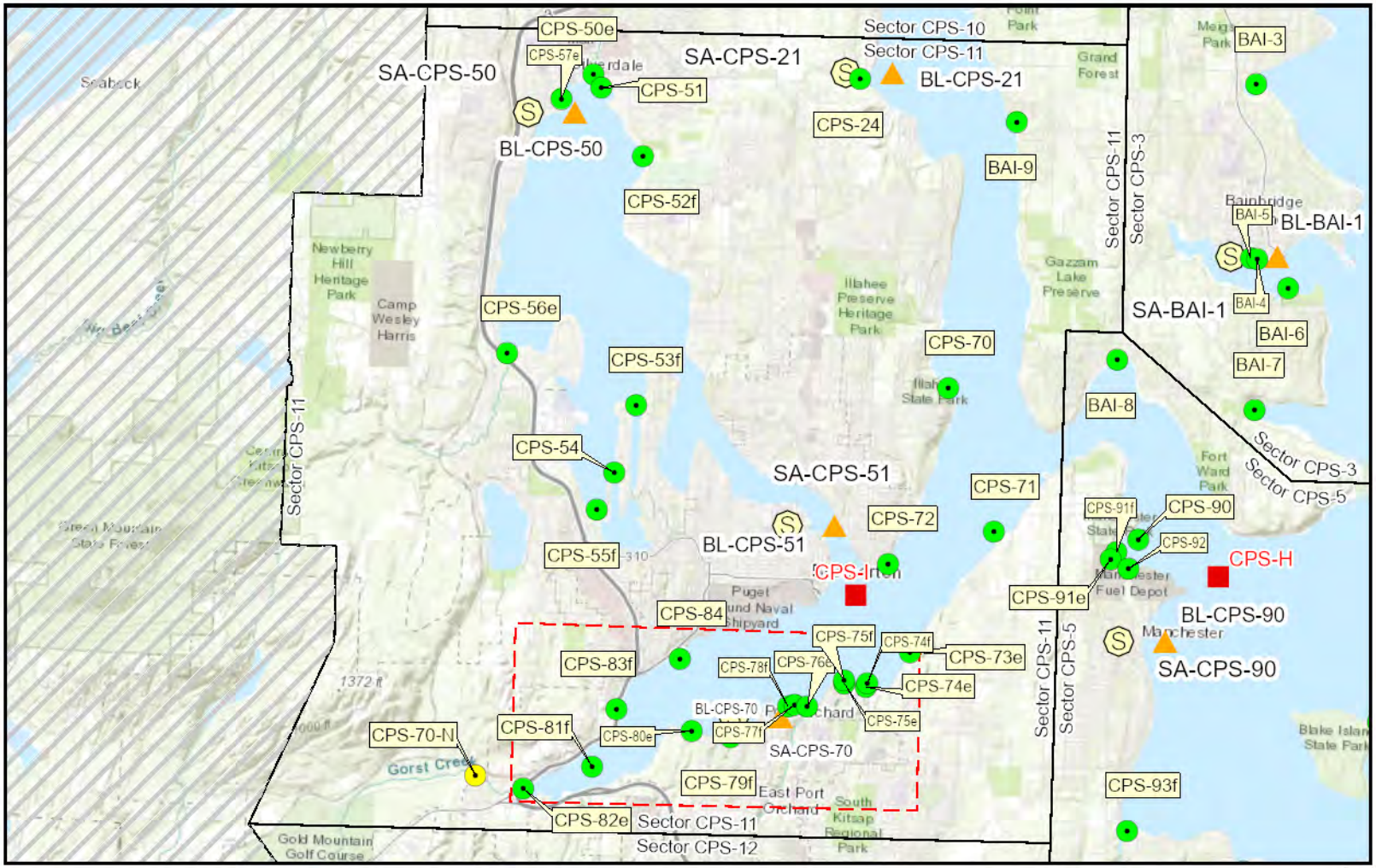
Staging Area and Boat Launch symbols are offset to prevent overlapping.



World Topographic Map: County of Kitsap, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

Sector CPS-10

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



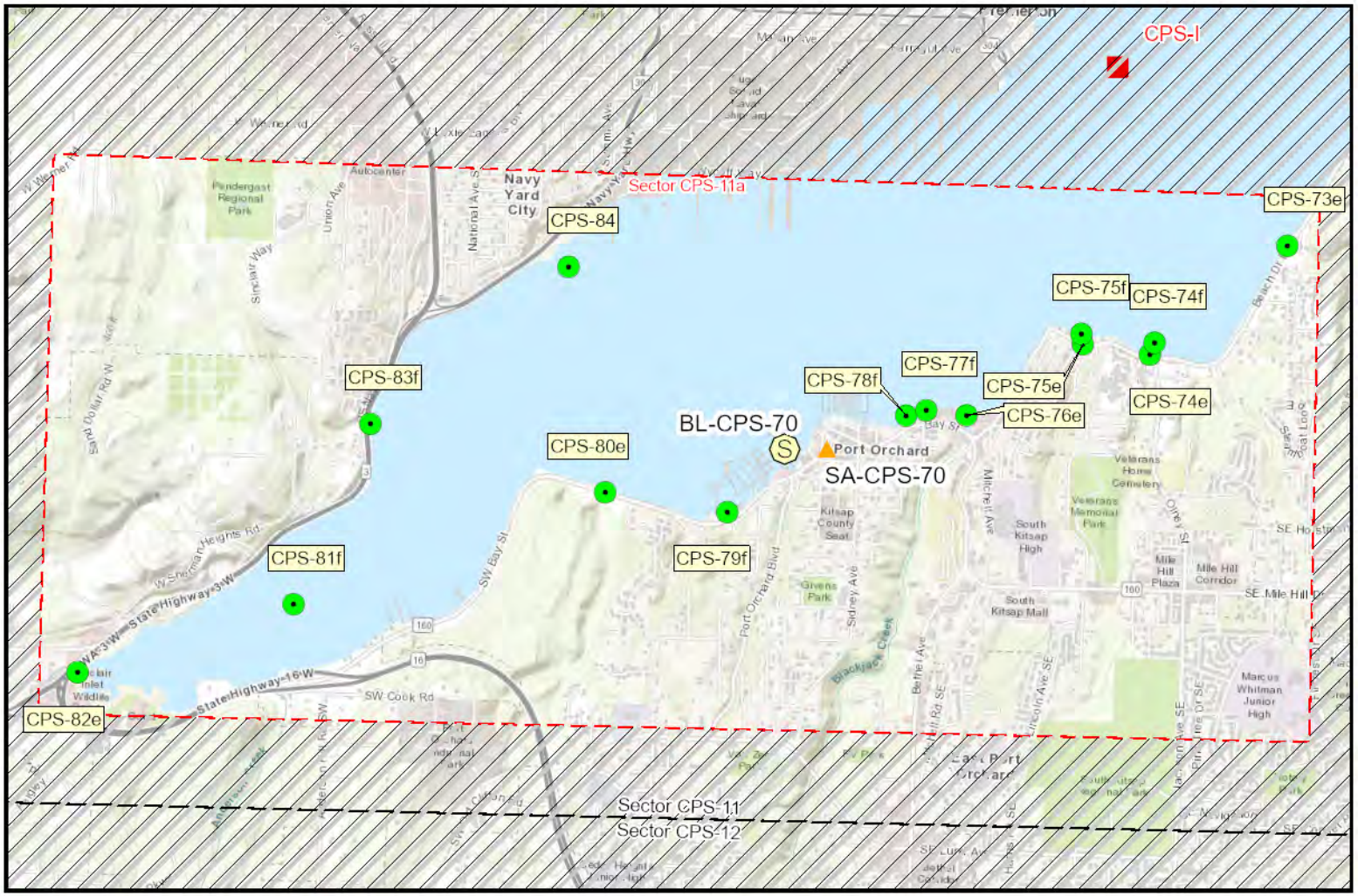
Response Strategy Locations
Notification Strategy Locations
Staging Area Locations
Boat Launch Locations
Potential Oil Spill Points

0 0.5 1 2 Miles

World Topographic Map: County of Kitsap, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

Sector CPS-11

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



World Topographic Map: County of Kitsap, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA

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

Sector CPS-11a

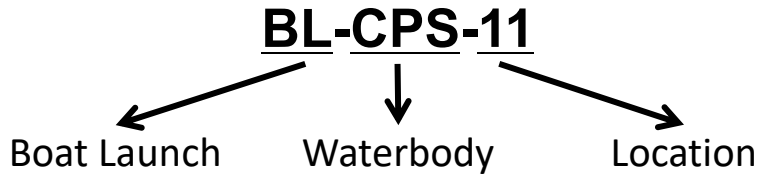
MATRICES

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 or island. Following the letters are numbers that specify the location. Islands are numbered clockwise from the north. Rivers and creeks are numbered according to the USGS mileage markers, which measure distance from the mouth.

To prevent future renaming of strategies, sections of the planning area have each been assigned a block of numbers. Future updates will use the numbers within that block. For example, the Seattle area has CPS-30 to CPS-49 reserved, but only CPS-30 through CPS-42 have been used in this update. Any new strategies created in the Seattle area in future updates will be named CPS-43 to CPS-49. This method also helps indicate the general location of each strategy, boat launch, and notification.

Strategies with an "e" at the end indicate they can be deployed by land, even at ebb (low) tide. Strategies with an "f" at the end indicate that a boat is required and they can only be deployed at flood (high) tide. 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 waterbody short name designations and other abbreviations used within the plan include:

BAI = Bainbridge Island
BLI = Blake Island
CPS = Central Puget Sound
DEW = Duwamish East Waterway
DWW = Duwamish West Waterway
GRD = Green River / Duwamish
MAUI = Maury Island
PYLPR = Puyallup River
VI = Vashon Island
WAPC = Wapato Creek
e = Ebb Tide
f = Flood Tide
N = Notification Strategy
SA = Staging Area
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#)
BAI-1	Port Madison Bay 47.70253 -122.52813	Exclusion	Boom 1100ft	Yes	Remote Stage at Suquamish Tribe boat ramp, call ahead.	Eelgrass, Forage Fish, Salmonids, Sensitive Resources, Waterfowl	Strong tidal current at entrance to Port Madison. Shoreside anchors at private property. Southern property is Port Madison Water Company.	Sector CPS-2	79
BAI-2	Point Monroe Lagoon (Port Madison) 47.70586 -122.51727	Exclusion	Boom 500ft, Sorbent 100ft	Yes	Onsite Handlaunch from nearby road or launch from Suquamish Tribe Boat Ramp.	Forage Fish, Salmonids, Sensitive Resources	Extra staging at Fay Bainbridge State Park; private and public road access from Point Monroe Drive	Sector CPS-2	81
BAI-3	Murden Cove (Bainbridge Island) 47.65174 -122.51826	Exclusion	Boom 100ft, Sorbent 100ft	Yes	Remote Stage and launch from Bainbridge City Dock	Estuary Resources, Salmonids, Salt Marsh	Difficult boat access at low tide, may be easier to land nearby and walk down the beach. Narrow inlet with sand/gravel beaches, easy slope.	Sector CPS-3	83
BAI-4	Bainbridge City Dock - Creek Estuary 47.62181 -122.51681	Exclusion	Boom 700ft	Yes	Onsite Stage onsite at Bainbridge City Dock and Waterfront Park.	City Park, Estuary Resources, Salmonids, Salt Marsh, Sensitive Resources	Shallow creek estuary between dock and ferry terminal. Ferry property shoreline is rip/rap, fencing.	Sector CPS-3	85
BAI-5	Bainbridge City Dock 47.62194 -122.51846	Exclusion	Boom 300ft	Yes	Onsite Stage onsite at Bainbridge City Dock boat ramp and Waterfront Park.	City Park, Estuary Resources, Mudflat Habitat, Sensitive Resources	Multiple docks and heavy recreational traffic. Shallow shelf may be hidden at high tide.	Sector CPS-3	87
BAI-6	Bainbridge Island Japanese Internment Memorial 47.61701 -122.50880	Exclusion	Boom 800ft	Yes	Remote Stage and launch from Bainbridge City Dock and Waterfront Park.	City Park, Forage Fish, National Park, Sensitive Resources	Sandy beach to private dock piling.	Sector CPS-3	89

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
BAI-7	Blakely Harbor Tidal Marsh (Bainbridge) 47.59601 -122.51651	Exclusion	Boom 100ft, Sorbent 100ft	Yes	Remote Stage and launch from Eagle Harbor Dock.	City Park, Forage Fish, Marine Birds, Salmonids, Tidal Marshes, Waterfowl	Breached rip-rap jetty across western end of Blakely Harbor. Big tidal change. BI City Parks owns N banks and marsh.	Sector CPS-3	91
BAI-8	Schel Chelb Estuary (Bainbridge) 47.60402 -122.55156	Exclusion	Boom 100ft, Sorbent 100ft	Yes	Onsite Stage on road shoulder (room for 1 pickup). Additional staging 300 ft east at playground parking.	Estuary Resources, Salmonids, Sensitive Resources, Wetland Habitat	Follow WSDOT guidelines to close lane for deployment. Estuary empties, then refills at high tide. May only need waders at high tide.	Sector CPS-5	93
BAI-9	Fletcher Bay (Bainbridge) 47.64422 -122.57848	Exclusion	Boom 500ft	Yes	Remote Stage and launch from Brownsville Marina. Private property, no road access.	Backwater Habitat, Forage Fish, Herons, Marine Birds, Raptors	Private shoreline on both sides. Gravel spit has driftwood, north shore has dock and pilings.	Sector CPS-11	95
BAI-10	Manzanita Bay East Inlet (Bainbridge) 47.67521 -122.56201	Exclusion	Boom 1000ft	Yes	Onsite Launch from Brownsville Marina. Some road access from Dock St Road End public access.	Backwater Habitat, Forage Fish, Herons, Marine Birds, Raptors, Sensitive Resources	Watch depth - should have some water at low tide. May be floating swimming platform in area.	Sector CPS-10	97
BLI-1	Blake Island Marina 47.54319 -122.48336	Exclusion	Boom 600ft	Yes	Remote No road access. Stage and launch from Seattle area.	Economic Resource, Marina, State Park, Tribal Lands/Resources	Argosy Cruises runs tours in summer, alert if marina will be closed off. Several pilings across entrance and nearshore to hold boom weight. Restrooms on site at Tillicum Village.	Sector CPS-5	99

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-1	Brackett's Landing (Edmonds Ferry) 47.81365 -122.38356	Exclusion	Boom 700ft	Yes	Onsite Stage onsite at Bracketts Landing. Launch boat from Shilshole or Kingston Marinas.	City Park, Eelgrass, Historic Register Site, Recreational Use Area, Smelt Spawning Area	Underwater park - watch for divers when boating/anchoring. Historic site. Popular beach and scuba diving spot.	Sector CPS-1	101
CPS-2	Edmonds Marsh – Willow/ Shellabarger Creek culvert 47.80615 -122.39122	Exclusion	Boom 100ft, Sorbent 20ft	No	Onsite Stage onsite in parking lot at Edmonds Marina.	County Park, Herons, Shorebirds, Waterfowl	DO NOT CROSS RAILROAD TRACKS. Small drainage area between parking lot and railroad tracks. Steep slope at site, use caution.	Sector CPS-1	103
CPS-3	Piper's Creek at Carkeek Park 47.71104 -122.38018	Exclusion	Boom 500ft, Sorbent 100ft	Yes	Remote Launch boats from Shilshole. Land access from parking area across staircase.	City Park, Eelgrass, Salmonids	Sorbent by land only at low tide. Sand/gravel beach, creek alignment changes frequently.	Sector CPS-2	105
CPS-4	Meadowdale Beach Park 47.85996 -122.33510	Exclusion	Boom 400ft	Yes	Remote Stage equipment at SA-CPS-30 Golden Gardens Boat Ramp at Shilshole Marina (7001 Seaview Ave NW, Seattle, WA 98117).	County Park, Crabs, Estuary Resources, Forage Fish, Raptors, Resident Fish, Salmonids, Shellfish	A large habitat restoration project was completed in 2022. Call Snohomish County before deployment (360-289-3331).	Sector CPS-1	107
CPS-5	Rose Point 47.85452 -122.50839	Exclusion	Boom 200ft	Yes	Remote Stage equipment at SA-CPS-10 (25878 Washington Blvd NE, Kingston, WA 98346).	Habitat Restoration Site, Resident Fish, Salmonids, Shellfish, Wetlands	Mid Sound Fisheries Enhancement Group completed a restoration project here in 2024. Notify this organization as well as the homeowner before deployment.	Sector CPS-1	109

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-10f	Appletree Cove (Kingston) - Flood Tide 47.79288 -122.50082	Exclusion	Boom 1800ft	Yes	Onsite Kingston Marina & Boat Launch is onsite	Eelgrass, Marina, Mudflat Habitat, Salmonids, Shellfish	Area is very shallow at low tide, wait for mid-to-high tide to deploy. Waders may be needed close to shore if ropes can't be thrown.	Sector CPS-1	111
CPS-11e	Carpenter Creek Estuary (Kingston) 47.79493 -122.50704	Exclusion	Boom 200ft, Sorbent 100ft	No	Onsite Stage at parking area of Arness Roadside Park.	County Park, Cutthroat Trout, Salmon - Coho, Salt Marsh, Sensitive Resources Nearby	Shallow or dry tideflats except at high tide. Boat ramp at ferry dock if needed. County parking lot 150ft walk to bridge. Sidewalk on bridge to pass rope.	Sector CPS-1	113
CPS-12	Doe-Kag-Wats Marsh (Port Madison) 47.74484 -122.49572	Exclusion	Boom 1000ft, Sorbent 100ft	Yes	Remote Stage and launch from Charles Lawrence Memorial Boat Ramp (Suquamish Tribe). Can also stage onsite.	Herons, Marsh, Raptors, Salmonids, Sensitive Resources, Shorebirds, Tribal Lands/Resources, Waterfowl	Strong tide current into marsh. Road access through Camp Indianola. Could drive vac truck to site if product collects.	Sector CPS-2	115
CPS-13	Outer Miller Bay 47.74651 -122.55500	Exclusion	Boom 800ft	Yes	Remote Stage and launch from Suquamish Tribe Boat Launch.	Eelgrass, Fish Hatchery, Forage Fish, Herons, Marsh, Salmonids, Shellfish, Tribal Lands/Resources, Waterfowl	Contact Suquamish Tribe before arrival. Boat access from Miller Bay, East of Indianola, or private launch in Suquamish	Sector CPS-2	117
CPS-14	Old Man House Park (Port Madison) 47.72368 -122.55728	Exclusion	Boom 1000ft	Yes	Remote Stage at Suquamish Tribe boat launch - call ahead.	Forage Fish, Sensitive Resources, Shellfish, Tribal Lands/Resources	If possible use buoys and pilings to secure boom. Minimize prop scour and rope cutting of eelgrass bed. Beach anchoring on private property/vacation homes. Work with Suquamish Tribe before deploying.	Sector CPS-2	119

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-20	Suquamish Seafoods 47.70606 -122.57836	Exclusion	Boom 1300ft	Yes	Remote Stage at Suquamish Boat Ramp. Land access and parking on-site at Suquamish Seafoods/Chief Kitsap High School..	Forage Fish, Sensitive Resources, Shellfish, Tribal Lands/Resources	Easiest at high tide. Shallow stream delta with seasonal shellfish beds. Priority is to protect upper beach.	Sector CPS-10	121
CPS-21	Sandy Hook (Kiana Lodge dock) 47.70194 -122.58225	Exclusion	Boom 500ft	Yes	Remote Stage at Suquamish Tribe Boat Launch. Walking access to Kiana Lodge dock.	Eelgrass, Forage Fish, Salmonids, Sensitive Resources, Shellfish, Tribal Lands/Resources	Shallow water with small entrance to tidal estuary at Kiana Lodge (Suquamish Tribe) property.	Sector CPS-10	123
CPS-22	Keyport Lagoon 47.69799 -122.61944	Exclusion	Boom 200ft, Sorbent 100ft	No	Onsite US Navy property, advance notice and escort required. Stage at road shoulder nearby.	Forage Fish, Marine Birds, Salmonids, Sensitive Resources Nearby, Waterfowl	US Navy property, escort required. Opening under wooden bridge allows high tidal flow into/out of lagoon.	Sector CPS-10	125
CPS-23	US Navy Keyport Boat Ramp 47.70222 -122.61409	Collection	Boom 800ft	No	Onsite Contact US Navy to access base. Stage onsite, using boat ramp, launch onsite or from Keyport ramp.	Forage Fish, Marine Birds, Salmonids, Shellfish, Waterfowl	US Navy escort required. Navy boat ramp access from Esplanade Ave. Can also launch from Keyport boat ramp.	Sector CPS-10	127
CPS-24	Burke Bay Lagoon 47.65086 -122.61851	Exclusion	Boom 200ft, Sorbent 100ft	No	Remote Stage and launch nearby at Brownsville Marina	Backwater Habitat, Forage Fish, Herons, Marine Birds, Raptors	Follow WSDOT procedures to close roadway for deployment. Narrow inlet underneath Illahee Rd bridge. Heavy tidal influence, dry at low tide.	Sector CPS-11	129

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-30	Lake Union - Montlake Cut 47.64727 -122.30744	Collection	Boom 400ft	Yes	Onsite Stage and launch from Sunnyside Ave N Boat Ramp. Collect behind UWMC/Education Bus Drop Off.	Historic Register Site, Public Recreation Site/Area, Salmonids, Waterfowl	Concrete bulkheads with thick metal wire at water, elevated trails and guardrails both sides. Southern side has a ledge at waterline. Vac truck access from UWMC at top of staircase - 14' Max Height.	Sector CPS-3	131
CPS-31	Lake Union - Tenas Chuck Houseboats 47.64090 -122.33056	Exclusion	Boom 1400ft	Yes	Remote Stage and launch from Sunnyside Ave N boat launch; small parks onsite	City Park, Historic Register Site, Houseboats	Public parks at either end of anchor points, easy shore access. Active recreational boaters.	Sector CPS-3	133
CPS-32	Lake Union I-5 Outfall 47.62808 -122.33253	Collection	Boom 400ft, Sorbent 100ft	Yes	Onsite Parking lots and docks onsite. Launch from Sunnyside boat ramp.	City Park, Historic Register Site, Salmonids	Notify SPU so they can monitor the treatment system at the outfall. Private docks next to public walkway. Outfall is under pedestrian platform.	Sector CPS-3	135
CPS-33	Lake Union - Aurora Bridge Floating Homes 47.64571 -122.34644	Exclusion	Boom 600ft	Yes	Remote Stage and launch from Sunnyside Ave N Boat Ramp	Historic Register Site, Houseboats	Coffer dam under bridge will not prevent oil. Diamond Marina owns dock at eastern anchor point. Houseboat community is called Westlake Cove.	Sector CPS-3	137
CPS-34	Ballard Locks - Large Lock 47.66409 -122.39080	Exclusion	Boom 600ft	Yes	Remote Stage and launch at 14th Ave NW boat ramp. Ask Kirby Tugs for extra staging room.	Fish Ladder(s), Lock and Dam, Marina, Marine Mammals, Salmonids, Waterfowl	Contact USACE Lock Control Room before deploying. Eastern (Lake Union Side) entrance to large lock in Salmon Bay. Southern dock/anchor point is Fisherman's Terminal, leased by Kirby Marine. Heavy marine traffic area.	Sector CPS-3	139

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-35	Ballard Locks - Small Lock 47.66423 -122.39358	Exclusion	Boom 800ft	Yes	Remote Stage and launch at 14th Ave NW Boat Ramp	Fish Ladder(s), Lock and Dam, Marine Mammal Haulout, Public Recreation Site/Area, Salmonids, Waterfowl	Contact USACE Locks before deploying. Eastern/Lake Union side of small lock.	Sector CPS-3	141
CPS-36	Ballard Locks Spillway 47.66482 -122.39665	Exclusion	Boom 400ft	Yes	Remote Stage and launch at 14th Ave Boat Ramp.	Fish Ladder(s), Lock and Dam, Public Recreation Site/Area, Salmonids, Sensitive Resources, Waterfowl	Upstream of spillway at Ballard Locks, maintain safe distance. Contact USACE at Ballard locks before deploying.	Sector CPS-3	143
CPS-37	Ballard Locks Side Channel 47.66866 -122.40430	Exclusion	Boom 200ft, Sorbent 200ft	Yes	Remote Stage and launch at Shilshole Marina, Eddie Vine Boat Ramp.	Public Recreation Site/Area, Sensitive Resources	Downstream of locks and Ballard Bridge, on north shore.	Sector CPS-3	145
CPS-38	Salmon Bay West Collection 47.66926 -122.40716	Collection	Boom 400ft	Yes	Remote Stage and launch from Shilshole. Minimal difficult staging onsite.	Marine Mammal Haulout, Seabird and Waterfowl Concentrations, Shellfish	On-water collection recommended. Street end is up steep cliff of blackberry.	Sector CPS-3	147
CPS-39	Seaview Ave Beach (SPU Pump Station 43) 47.66987 -122.40559	Collection	Boom 500ft	Yes	Onsite Stage and launch from Shilshole/Eddie Vine. Some ped/truck access onsite but minimal parking, stairs.	Marine Mammal Haulout, Seabird and Waterfowl Concentrations, Shellfish	Unsignaled rail crossing on Seaside Ave - use caution! Pedestrian beach access via stairs to SPU Pump Station 43. Historic pilings on beach. Vac truck access on local access road at top of stairs.	Sector CPS-3	149

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-40	Seattle Aquarium and Waterfront Park 47.60679 -122.34251	Exclusion	Boom 1600ft, Sorbent 150ft	Yes	Remote Stage and launch from Don Armeni in West Seattle	City Park, Economic Resource, Habitat Restoration Site/Project, Salmonids, Water Intakes	Tour boat docks on south side. Slab seawall at far ends of boom, pilings in between.	Sector CPS-3	151
CPS-41	Don Armeni Park - Alki 47.59335 -122.38150	Collection	Boom 500ft	Yes	Onsite Stage onsite in parking area by boat ramp.	City Park, Eelgrass, Waterfowl	Multi-lane public boat ramp with parking. Rip-rap armored shoreline.	Sector CPS-3	153
CPS-50e	Clear Creek at Old Mill Park - Ebb Tide 47.65043 -122.68593	Exclusion	Boom 300ft, Sorbent 300ft	No	Onsite Stage equipment in Old Mill Park, adjacent to strategy, and on road shoulder.	Creek Estuary, Salmonids, Salt Marsh, Waterfowl Concentrations, Wetland Habitat	Follow WSDOT safety protocol to close road lane for deployment. New bridge with wide entrance to Clear Creek Estuary. Nearly dry at low tide.	Sector CPS-11	155
CPS-51	Lagoon at Mickelberry Rd (Silverdale) 47.64818 -122.68382	Exclusion	Boom 100ft, Sorbent 100ft	Yes	Onsite At high tide, stage and launch from Silverdale Waterfront Park. Low tide, at Crista Shores Senior Living.	Emergent Wetlands, Salt Marsh, Waterfowl (Wintering)	Walkable at low tide using public Clear Creek trail (from parking lot at NW Crista Shores Lane) use shallow boat or ATV to deliver boom to site. Still shallow at high tide.	Sector CPS-11	157
CPS-52f	Barker Creek at Dyes Inlet - Flood Tide 47.63668 -122.67283	Exclusion	Boom 200ft, Sorbent 200ft	Yes	Remote Stage and launch from boat ramp at Silverdale Waterfront Park.	Estuary Resources, Salmonids, Waterfowl Concentrations, Wetland Habitat	Shallow twisting channel, large tide cycle.	Sector CPS-11	159
CPS-53f	Mud Bay (Bremerton) - Flood Tide 47.59403 -122.67285	Exclusion	Boom 1000ft	Yes	Remote Stage and launch from boat ramp at Evergreen Park	Eelgrass, Estuary Resources, Forage Fish, Salt Marsh, Sensitive Resources	Very shallow, may need waders to drag boom. Private property both sides. Anchor to piers, pilings, trees or fences when possible - avoid ground disturbance.	Sector CPS-11	161

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-54	Oyster Bay Entrance 47.58238 -122.67791	Exclusion	Boom 600ft	Yes	Remote Stage equipment and launch workboat from boat ramp at Silverdale Waterfront Park.	Emergent Wetlands, Forage Fish, Shellfish, Tidal Marshes, Waterfowl	Private dock and bulkhead at both anchor points. Dock is at 2409 Marine Dr Bremerton.	Sector CPS-11	163
CPS-55f	Ostrich Bay South End - Flood Tide 47.57598 -122.68208	Exclusion	Boom 800ft	Yes	Remote Stage equipment and launch workboat from boat ramp at Silverdale Waterfront Park.	Estuary Resources, Forage Fish, Salmonids, Sensitive Resources, Tidal Marshes	Very shallow even at high tide. Tidal estuary where creek empties into Ostrich Bay.	Sector CPS-11	165
CPS-56e	Chico Creek at Dyes Inlet - Ebb Tide 47.60231 -122.70590	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment at end of Kittyhawk Dr NW	Marine Birds, Salmonids, Waterfowl, Wetland Habitat	Small parking area at road's end, then 250ft narrow ped trail to access site. North side of creek has fence blocking road access.	Sector CPS-11	167
CPS-57e	Strawberry Creek at Dyes Inlet - Ebb Tide 47.64608 -122.69396	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment at parking area behind condos.	Habitat Restoration Site/Project, Salmonids, Waterfowl Concentrations, Wetland Habitat	Narrow creek with easy shoreline. At low tide could cross with waders or plywood. If inaccessible deploy from pedestrian bridge behind Seaport Salon Spa.	Sector CPS-11	169
CPS-70	Illahee State Park 47.59842 -122.59410	Exclusion	Boom 1000ft	Yes	Onsite Stage equipment onsite, launch from Bremerton.	Forage Fish, Recreational Shoreline Area, Salmon Habitat, Shellfish, State Park	Road access down switchbacks, cartop boat launch onsite along with restrooms and pier. Good habitat where forest meets water.	Sector CPS-11	171

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-71	Waterman Pier (Port Orchard) 47.57404 -122.58163	Collection	Boom 700ft	Yes	Onsite Stage onsite at parking area for Waterman Pier. Launch from Port Orchard (Water Street)	Marine Mammals, Public Recreation Site/Area, Waterfowl Concentrations	If spill is east of pier, reverse boom angle. At low tide may need to move collection point further out on pier. Notify Port of Waterman prior to arrival.	Sector CPS-11	173
CPS-72	Bachmann Park (East Bremerton) 47.56804 -122.60806	Collection	Boom 500ft	Yes	Onsite Launch boat from Evergreen Boat Ramp. Stage/collect onsite in Bachmann Park parking area.	City Park, Marine Mammals, Surf Smelt Spawning Area	6 paved parking spaces, 30 feet from water. Bachmann Park belongs to the City of Bremerton.	Sector CPS-11	175
CPS-73e	Sacco Creek Outfall (Port Orchard) - Ebb Tide 47.55304 -122.60200	Exclusion	Boom 100ft, Sorbent 200ft	No	Onsite LANE CLOSURE REQUIRED. Stage equipment along roadside.	Estuary Resources, Salmonids, Salt Marsh, Waterfowl Concentrations, Wetlands	LANE CLOSURE REQUIRED. Follow WSDOT guidelines for flaggers. Gravel shoulder at Sacco Ln or 500ft south on Beach Dr. Shallow boat access only at high tide.	Sector CPS-11	177
CPS-74e	Karcher Creek Outfall (Annapolis) - Ebb Tide 47.54688 -122.61288	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite LANE CLOSURE REQUIRED. Stage equipment along Beach Dr	Estuary Resources, Public Lands/Facilities, Salmonids	Boat required only at high tide. Lane closure required. Follow WSDOT safety guidelines for flaggers. Some street-side parking across street (RV dump site) or 300ft west - ferry parking.	Sector CPS-11	179
CPS-74f	Karcher Creek Tideflats (Annapolis) - Flood Tide 47.54755 -122.61251	Exclusion	Boom 800ft	Yes	Onsite Room for staging in transit parking lot, launch from Port Orchard Marina.	Forage Fish, Mudflat Habitat, Salmonids	Deploy at high tide only - shallow tideflats. Even at high tide will need shallow workboat near shore. Can load boom in parking lot or offloat from larger boat offshore.	Sector CPS-11	181

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-75e	Annapolis Creek Outfall - Ebb Tide 47.54735 -122.61830	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment in parking lot or in front of store east of bridge.	Creek Habitat, Estuary Resources, Salmonids	Lane closure may be needed - follow WSDOT guidelines. Steep concrete climb at low tide to bridge.	Sector CPS-11	183
CPS-75f	Annapolis Creek Tideflats - Flood Tide 47.54793 -122.61846	Exclusion	Boom 500ft	Yes	Onsite Stage and launch from Port Orchard Marina. Limited room onsite for staging.	Forage Fish, Mudflat Habitat, Salmonids	High tide only - shallow tideflats. Likely require skiff and/or waders, toss line to shore.	Sector CPS-11	185
CPS-76e	Blackjack Creek - Port Orchard 47.54330 -122.62754	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment in parking lot of Westbay Center	City Park, Estuary Resources, Salmonids, Waterfowl	Stage equipment in parking lot of Westbay Center. Strategy and pedestrian bridge are part of Etta Turner Park.	Sector CPS-11	187
CPS-77f	Port Orchard Rockwell Park - Flood Tide 47.54352 -122.63079	Exclusion	Boom 400ft	Yes	Onsite Stage and launch onsite at Port Orchard Marina	City Park, Forage Fish, Mudflat Habitat	Very shallow, deploy at high tide only. Port Orchard pocket park, Port of Bremerton owns marina.	Sector CPS-11	189
CPS-78f	Port Orchard Waterfront Park - Flood Tide 47.54320 -122.63242	Exclusion	Boom 800ft	Yes	Onsite Stage and launch onsite at Marina parking area.	City Park, Forage Fish, Mudflat Habitat	Shallow water, mid to high tide only. Public park and beach access. Heavy recreational vessel traffic in area and pedestrian ferry dock.	Sector CPS-11	191
CPS-79f	Marsh near Port Orchard Yacht Club - Flood Tide 47.53767 -122.64667	Exclusion	Boom 300ft	Yes	Onsite Stage equipment at Yacht Club parking area.	Marsh Habitat, Waterfowl Concentrations	High tide only, shallow. Notify Yachtfish Marine prior to implementation; call 360-876-9016. Stage equipment in parking area.	Sector CPS-11	193

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-80e	Marsh near Ross Point Tidelands - Ebb Tide 47.53855 -122.65658	Exclusion	Boom 100ft, Sorbent 200ft	No	Onsite Stage onsite at road shoulder. At high tide launch from Water Street ramp.	Forage Fish, Mudflat Habitat, Salmonids, Waterfowl, Wetlands	LANE CLOSURE REQUIRED. Follow WSDOT guidelines for safety and flaggers. Shoulder adjacent to site fits 1-2 cars, pub parking lot across street.	Sector CPS-11	195
CPS-81f	Sinclair Inlet Tideflats - Flood Tide 47.53198 -122.68147	Exclusion	Boom 3000ft	Yes	Remote Stage and launch from Port Orchard Marina; road access dangerous	County Park, Mudflat Habitat, Salmon Bearing Stream, Salt Marsh, Sensitive Resources, Waterfowl Concentrations	Shallow water at low tide. Low outcroppings at land anchor points, concrete anchor point at apex close to waterline. May be barge tied to concrete piling.	Sector CPS-11	197
CPS-82e	Gorst Creek (Mouth) 47.52793 -122.69877	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment in parking area of shop at 4158 WA-16 W.	Herons, Marsh, Mudflat Habitat, Salmonids, Shorebird Concentrations, Waterfowl	Walking trail under bridge from parking area across Gorst Creek.	Sector CPS-11	199
CPS-83f	Charleston Creek outfall (Bremerton) - Flood Tide 47.54195 -122.67567	Exclusion	Boom 100ft, Sorbent 100ft	Yes	Remote Stage and launch from Port Orchard Marina	Creek Estuary, Salmon Bearing Stream	CAUTION - active railroad adjacent to site. Rip-rap shoreline. No vehicle access to site.	Sector CPS-11	201
CPS-84	Westside of Puget Sound Naval Shipyard 47.55082 -122.66003	Collection	Boom 800ft	Yes	Onsite Stage equipment onsite or at Port Orchard Marina	Eelgrass, Shorebird Concentrations, Waterfowl	CAUTION: unmarked railroad crossing. Notify Puget Sound Naval Shipyard before arriving; call 360-476-7111.	Sector CPS-11	203
CPS-90	Clam Bay - NMFS Fish Net Pens 47.57331 -122.54511	Exclusion	Boom 1000ft	Yes	Onsite Stage in parking area at Manchester Lab, launch from Pomeroy.	Fish Pens	Notify NOAA Fisheries before arriving; call 206-842-5434. Stage equipment in parking area at Manchester Lab by dock. With permission can drive pickup to end of dock.	Sector CPS-5	205

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-91e	Beaver Creek at Clam Bay (Ebb Tide) 47.56981 -122.55194	Exclusion	Boom 100ft, Sorbent 100ft	Yes	Onsite Stage in parking area at Manchester Research Station. If boat required, handlaunch onsite.	Creek Estuary, Salmonids	Notify NOAA Fisheries prior to implementation; call 206-842-5434. Hand-launch boat ramp from parking lot 50ft from strategy. Walkable in waders at low tide, at high tide shallow boat may be easier.	Sector CPS-5	207
CPS-91f	Clam Bay - Flood Tide 47.57111 -122.55044	Exclusion	Boom 1100ft	Yes	Onsite Stage equipment in parking area at Manchester Research Station. Launch from Pomeroy Park.	Eelgrass, Habitat Restoration Site/Project, Marine Birds, Marine Mammal Haulout, Mudflat Habitat, Salmonids, Shellfish, Waterfowl	Notify NOAA Fisheries prior to implementation; call 206-842-5434. Stage equipment in parking area at Manchester Research Station. Strategy not feasible at low tide.	Sector CPS-5	209
CPS-92	Little Clam Bay 47.56837 -122.54729	Exclusion	Boom 600ft	Yes	Onsite Stage equipment onsite at Manchester Fuel Department. Launch from Pomeroy.	Habitat Restoration Site/Project, Marine Birds, Mudflat Habitat, Salmonids, Tidal Marshes, Waterfowl Concentrations	Notify Navy before arrival. Anchor points are cliffs at high tide, tie to trees or boulders.	Sector CPS-5	211
CPS-93f	Curley Creek at Yukon Harbor (Flood Tide) 47.52346 -122.54601	Exclusion	Boom 200ft, Sorbent 200ft	Yes	Onsite Stage along bridge. At high tide, launch from Pomeroy Park, Manchester.	Estuary Resources, Forage Fish, Salmonids, Seabird Concentrations, Shellfish, Tidal Marshes, Waterfowl	Boat at high tide only (8+ feet). Lane closure recommended, follow WSDOT guidelines. Parking for 2 cars on Banner Rd shoulder.	Sector CPS-5	213
CPS-94e	Harper Park (Ebb Tide) 47.51701 -122.51624	Exclusion	Boom 100ft, Sorbent 200ft	Yes	Onsite Stage onsite in dirt parking area of Harper Park.	Marsh Habitat, Public Recreation Site/Area, Salmonids, Salt Marsh, Wetland Habitat	Kitsap County Park. Shallow tidal mudflat area, inlets have been moved recently for habitat.	Sector CPS-5	215

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-95	Olalla Bay 47.42152 -122.54186	Exclusion	Boom 400ft, Sorbent 200ft	No	Onsite Stage at boat launch parking area. At high tide launch elsewhere, bridge too low.	Forage Fish, Salmonids, Tidal Pools, Waterfowl Concentrations, Wetlands	Low bridge (~5ft at high tide). Extreme shallow and narrow channel except at highest tide. Use bridge, waders, or kayak to get line across channel.	Sector CPS-6	217
CPS-100e	Miller Creek (Normandy Park) - Ebb Tide 47.44375 -122.35823	Exclusion	Boom 50ft, Sorbent 50ft	No	Onsite Stage at parking area of private park.	Estuary Resources, Salmonids, Salt Marsh, Sensitive Resources	Private community park with multiple pedestrian bridges. Parking lot is 500' from site. If access to this bridge is blocked, move to next bridge down.	Sector CPS-6	219
CPS-110e	Des Moines Creek - Ebb Tide 47.40367 -122.33011	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage onsite at parking lot - if full, use marina parking.	City Park, Historic Register Site, Salmonids, Salt Marsh, Sensitive Resources Nearby, T/E Species	Inaccessible by boat. Rip-Rap shoreline. Popular public park with pedestrian bridge over creek culvert.	Sector CPS-6	221
CPS-111	Des Moines Fishing Pier 47.40211 -122.33169	Collection	Boom 400ft	Yes	Onsite Stage onsite in parking area. Marina onsite has sling launch, Yacht Club just south has ramp.	City Park, Economic Resource, Historic Register Site, Sensitive Resources	At low tide pier has 20ft drop to shore. Coordinate with Des Moines Marina and Yacht Club about closing entrance.	Sector CPS-6	223
CPS-112	Massey Creek (Des Moines) 47.39657 -122.32784	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Use Yacht Club parking lot for staging onsite.	Riparian Habitat, Salmonids, T/E Species	Deploy from Yacht Club property. Narrow creek with rip-rap next to large sandy beach. Private property on either side.	Sector CPS-6	225
CPS-113e	Saltwater State Park (Des Moines) - Ebb Tide 47.37284 -122.32486	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage onsite in parking or picnic areas. Bathrooms onsite.	Estuary Resources, Forage Fish, Salmonids, Sensitive Resources, State Park, T/E Species	Gates locked at night. Scuba park offshore. Can easily tie rope to park structures. Rip-rap bank at stream mouth near pedestrian bridge.	Sector CPS-7	227

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-113f	Saltwater State Park Tideflats - Flood Tide 47.37290 -122.32563	Exclusion	Boom 1000ft	Yes	Remote Room for staging onsite and access from parking, but launch from Tacoma.	Forage Fish, Mudflat Habitat, Salmonids, State Park, Waterfowl	Do not deploy at low tide - too shallow. At mid or high tide watch for sandbars near outfall. Saltwater Underwater Park is nearby (north and west of boom), watch for divers and buoys.	Sector CPS-7	229
CPS-114	Redondo Boat Launch Collection (Des Moines) 47.34796 -122.32568	Collection	Boom 600ft	Yes	Onsite Stage onsite at boat ramp. Use no parking zone. Extra parking across street.	City Park, Forage Fish, Marbled Murrelets, Salmonids, T/E Species, Water Intakes	2-lane ramp with docks. Stairs to beach. Busy road and park area. Aquarium just up the street.	Sector CPS-7	231
CPS-120e	Dash Point State Park (Federal Way) - Ebb Tide 47.32026 -122.41407	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage in parking lot or picnic area at beach.	Forage Fish, Riparian Area, Salmonids, State Park, T/E Species	Park closed at night, call ranger for access. Direct road to beach via onsite locked gate or 500ft paved trail from parking. Boulders and sand at creek mouth, huge tideflat.	Sector CPS-7	233
CPS-120f	Dash Point State Park Tideflats - Flood Tide 47.32090 -122.41493	Exclusion	Boom 1400ft	Yes	Onsite Room for staging onsite, cut gate to drive to beach. Launch from Tacoma.	Forage Fish, Mudflat Habitat, Salmonids, State Park	Deploy at high tide only - shallow, submerged rocks. Skiff or waders to toss line to shore.	Sector CPS-7	235
CPS-130	Hylebos Mudflats 47.28800 -122.41096	Exclusion	Boom 2500ft	Yes	Onsite Puyallup Tribe escort required for onsite staging. Launch from Point Defiance Waterfront.	Dungeness Crab, Habitat Restoration Site/Project, Seal Haulout Area, Tribal Lands/Resources, Waterfowl	Puyallup Tribe staging area, Port property on north side. Some gravel shoulders off Marine View Dr but easier by boat.	Sector CPS-8	237

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-131	Hylebos Waterway 47.28237 -122.40521	Exclusion	Boom 900ft	Yes	Onsite Can stage some equipment at the Marina parking lot. Launch from Point Defiance.	Emergent Wetlands, Habitat Restoration Site/Project, Salt Marsh, Tribal Lands/Resources	Southern shore is Superfund site, use caution around soils, attach to pilings or structures where possible. Boathouses and docks on north side owned by Puyallup Tribe, managed by third party Chinook Landing.	Sector CPS-8	239
CPS-132a	Outer Hylebos Waterway Tideflats 47.28145 -122.40099	Exclusion	Boom 200ft, Sorbent 130ft	No	Onsite Stage in parking lot at Chinook Landing Marina	Emergent Wetlands, Habitat Restoration Site/Project, Salt Marsh, Tribal Lands/Resources	Walkway down to floating docks from parking lot	Sector CPS-8	241
CPS-132b	Outer Hylebos Waterway Salt Marsh (11th Street) 47.27925 -122.39842	Exclusion	Boom 1100ft	Yes	Onsite Stage onsite at 11th St bridge, or marina parking lot. Launch from Point Defiance	Emergent Wetlands, Habitat Restoration Site/Project, Salt Marsh, Tribal Lands/Resources	Tidal salt marsh behind Chinook Landing Marina.	Sector CPS-8	243
CPS-133	Hylebos Waterway at 11th Street Bridge 47.27742 -122.39344	Exclusion	Boom 800ft	Yes	Onsite Stage on road shoulder NE of bridge. Launch from Point Defiance.	Habitat Mitigation Site/Project, Salmonids, Salt Marsh, T/E Species, Waterfowl	Major tide change (~15ft), watch bridge height at high tide (drawbridge). May be able to collect from bridge, follow WSDOT guidelines to close lane.	Sector CPS-8	245
CPS-134	Sound Refining Cove Mudflats (Hylebos) 47.27755 -122.39169	Exclusion	Boom 1400ft, Sorbent 1400ft	Yes	Remote Stage and launch from Point Defiance Waterfront BL-CPS-46.	Herons and Other Wading Birds, Mudflat Habitat, Salmonids (anadromous), Waterfowl	Contact terminal before deploying. No access from bridge (fence). Set anchor far enough from perma-log-boom to avoid interference.	Sector CPS-8	247
CPS-135	Hylebos Creek 47.26088 -122.36033	Exclusion	Boom 300ft, Sorbent 200ft	Yes	Remote Stage and launch from Port Defiance marina. No/difficult land access onsite.	Estuary Resources, Habitat Mitigation Site/Project, Salmonids, Salt Marsh, T/E Species	Restoration site with logs/rip rap, just past industrial area. May be barges/ships tied to pilings at site.	Sector CPS-8	249

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-140	Slip 5 Restoration Site (Blair Waterway) 47.27723 -122.41705	Exclusion	Boom 1200ft	Yes	Onsite Stage onsite in parking area. Launch from Point Defiance.	Habitat Mitigation Site/Project, Salmon Habitat, Shallow Water Habitat, Waterfowl	Shallow habitat is underwater at high tide - watch for submerged rip-rap in channel. Rip-rap banks along paved port parking/storage. Active port and train loading.	Sector CPS-8	251
CPS-141a	Mouth of Blair Waterway on South Shore 47.27760 -122.41411	Collection	Boom 700ft	Yes	Onsite Stage onsite, in parking area. Launch from Point Defiance.	Dungeness Crab, Habitat Mitigation Site/Project, Salmonids, Waterfowl	Extreme tide changes, rip-rap banks. End of parking area at port, past trains and cranes. Large ship traffic and moorage may require creative boom angles or different anchor point.	Sector CPS-8	253
CPS-141b	Blair Waterway Mouth Collection 47.27860 -122.41240	Collection	Boom 700ft	Yes	Onsite Stage onsite in parking/storage area. Launch onsite with permission, or from Point Defiance.	Economic Resource, Habitat Mitigation Site/Project, Salmonids, Waterfowl, Wetlands	Extreme tide changes. Rip-rap banks. Truck and equipment storage near industrial barge launch area.	Sector CPS-8	255
CPS-142	Blair Waterway - Fairliner (Husky Terminal) 47.26988 -122.40278	Exclusion	Boom 500ft	Yes	Remote Stage and launch from Point Defiance. Extra staging at Husky Terminal or Concrete Tech Corp parking.	Habitat Mitigation Site/Project, Waterfowl	Gravel cove between Husky Terminal and Concrete Technology Corp.	Sector CPS-8	257
CPS-143	Little Marsh (qʷiqʷəlut) - Blair Waterway 47.26553 -122.39605	Exclusion	Boom 300ft	Yes	Remote Stage and launch from Point Defiance	Habitat Mitigation Site/Project, Salt Marsh	Alert US Oil before approaching dock. Also call City of Tacoma 253-591-5000, Environmental Services manages site. Restoration site with soft banks, next to US Oil dock with pilings/fence poles.	Sector CPS-8	259

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-144	Lincoln Ave Ditch Outfall (Blair Waterway) 47.26459 -122.39318	Exclusion	Boom 300ft	Yes	Onsite Stage and launch from Point Defiance	Salmonids, Shellfish, Waterfowl	Washington United Terminals active port. Rip-rap around outfall. Pulley-controlled tide gate behind outfall.	Sector CPS-8	261
CPS-145	Erdahl Ditch at Blair Waterway 47.25407 -122.38228	Exclusion	Boom 500ft, Sorbent 100ft	Yes	Onsite Stage and launch from Point Defiance. Some staging at Port, but it's a steep drop at low tide.	Salmonids, T/E Species	Pump station onsite controls ditch flow, managed by City of Fife - call first and request shutdown. Culvert hidden at high tide. At high tide, anchor temporarily to outermost piling, then pull boom further into pilings when overhead clearance allows.	Sector CPS-8	263
CPS-150	Middle Waterway 47.26239 -122.43161	Exclusion	Boom 500ft	Yes	Onsite Stage in parking area at end of East F Street or at Foss property.	Estuary Resources, Habitat Mitigation Site/Project	Shoreside anchors can use pilings on both sides. Adjust around ships.	Sector CPS-8	265
CPS-160	Thea Foss Waterway 47.25745 -122.43460	Exclusion	Boom 600ft	Yes	Onsite Launch from Point Defiance. Room for staging at parking lot/dead-end road.	Economic Resources, Habitat Restoration Site, Historic Register Site, Recreational Use Area	Public esplanade (over water) in vicinity. Seasonal events may pack area with crowds	Sector CPS-8	267
CPS-160b	Foss Seaport Dock 47.25804 -122.43663	Exclusion	Boom 100ft	Yes	Onsite Launch from Point Defiance. Stage in parking lot or just north at Thea's Park.	City Park, Historic Register Site, Public Recreation Site/Area	Public esplanade (over water). Seasonal events may pack area with crowds.	Sector CPS-8	269

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
CPS-161	Wheeler-Osgood Waterway (Thea Foss) 47.25169 -122.43182	Exclusion	Boom 400ft	Yes	Remote Stage and launch from Point Defiance	Estuary Resources, Habitat Mitigation Site/Project	Dolphins, trees, and pilings for anchoring. Construction business, active dock in side channel. Rip-rap and trees on north shoreline, BNSF-owned south shoreline.	Sector CPS-8	271
CPS-162	Thea Foss Waterway Head 47.24351 -122.43241	Exclusion	Boom 400ft	Yes	Onsite Staging room onsite at marina or park. Launch from Point Defiance.	City Park, Recreational Boating, Wetlands	Head of Thea Foss has outfall from I-5 that may be spill source. Natural collection area. Tidal mudflats and public park under WA-509 bridge. May be kayakers in area.	Sector CPS-8	273
CPS-170	Tahoma Salt Marsh - Commencement Bay 47.27414 -122.45767	Exclusion	Boom 200ft, Sorbent 100ft	Yes	Onsite Stage onsite in parking lot. At high tide stage/launch from Point Defiance.	City Park, Habitat Restoration and Mitigation Site, Salt Marsh	Can deploy from land, park outside Navy gate and walk 150ft N along fenceline. Or 400ft dirt trail from parking by pagoda. Boat required only at high tide. Marsh fills at high tide.	Sector CPS-8	275
CPS-171	Dickman Mill Pocket Marsh 47.27739 -122.46997	Exclusion	Boom 100ft, Sorbent 50ft	No	Onsite City park, minimal parking at site but short walk down paved trail from hotel parking.	City Park, Habitat Restoration and Mitigation Site, Historic Register Site, Salt Marsh	Concrete walkway at historic remains of mill. Marsh entrance is rip-rap. Minimal flow even at high tide.	Sector CPS-8	277
CPS-180	Gig Harbor Entrance - Outer 47.32599 -122.57549	Exclusion	Boom 600ft	Yes	Remote Stage equipment at Point Defiance Boat Launch	Economic Resource, Marine Mammals, Salmonids, Sensitive Resources Nearby, Waterfowl	No vehicle access to beach. Notify City of Gig Harbor Police prior to implementation; call 253-853-2422.	Sector CPS-9	279
CPS-181	Gig Harbor Entrance - Inner 47.32708 -122.57550	Exclusion	Boom 500ft	Yes	Remote Stage equipment at Point Defiance Boat Launch	Economic Resource, Estuary Resources, Salmonids, Sensitive Resources Nearby, Waterfowl	No vehicle access to site. Notify City of Gig Harbor Police prior to implementation; call 253-853-2422.	Sector CPS-9	281

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
DEW-1.3	Duwamish East Waterway at Spokane Street Bridge 47.57207 -122.34504	Collection	Boom 600ft	Yes	Onsite Must approach from north - launch from Don Armeni at Alki. Staging available at trail.	Fish Pens, Habitat Restoration and Mitigation Site, Salmonids, Waterfowl	Land access from Harley Marine or public parking for fishing dock on West Seattle Trail. Existing fence boom around pilings of rotting dock on eastern shore at Terminal 25.	Sector CPS-3	283
DWW-0.1	Duwamish Vigor Restoration Site 47.58429 -122.35777	Exclusion	Boom 700ft	Yes	Onsite Launch from Alki. Staging room at Vigor with permission.	Estuary Resources, Habitat Restoration Site, Resident Fish, Salmonids	Deep channel, may experience strong current. Site is adjacent to Vigor Shipyard. Contact Vigor prior to deploying.	Sector CPS-3	285
DWW-0.8	Harbor Island - Terminal 18 Park 47.57326 -122.35614	Collection	Boom 1100ft	Yes	Onsite Launch boat from Alki. Stage onsite at Chelan Ave SW or Terminal 18 Park.	Eelgrass, Estuary Resources, Habitat Restoration Site/Project, Net/Fish Pens Nearby, Salmonids	Terminal 18 Park on eastern anchor point. Island Tug & Barge tie-up next to public street (Chelan Ave SW). Rip-rap and seasonal weeds.	Sector CPS-3	287
DWW-1.1	Duwamish West Waterway at Rail Drawbridge 47.56993 -122.35187	Collection	Boom 800ft	No	Onsite Launch from Alki or Georgetown. Stage onsite at United Motor Freight.	Eelgrass, Estuary Resources, Fish Pens, Habitat Restoration Site/Project, Salmonids	Port owned property with active vessel docking, may need to adjust anchor point to avoid vessels. High ship traffic, high current area.	Sector CPS-3	289
GRD-0.6	Duwamish Waterway - Restoration Sites 47.56726 -122.35029	Exclusion	Boom 900ft, Sorbent 100ft	Yes	Onsite Launch from Don Armeni (Alki). Small staging room at paved parking 300ft trail from site.	Habitat Restoration Site/Project, Mudflat Habitat, Recreational Use Area, Salmonids	Shallow mud with abandoned pilings. Cut gate to access at night. Public park with dirt trail off paved walkway from parking area. Low tide can walk across tideflat.	Sector CPS-3	291
GRD-1.0	Herring's House Park (Tualwtx) 47.56204 -122.34962	Exclusion	Boom 200ft, Sorbent 50ft	Yes	Onsite Launch from Don Armeni (Alki). Small parking lot 1/8 mile trail walk from site.	City Park, Habitat Restoration Site/Project, Marsh Habitat, Mudflat Habitat, Salmonids, Sensitive Resources	Tight area behind barge moorages, shallow mud at low tide. Public park.	Sector CPS-4	293

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
GRD-1.1	Kellogg Island - North 47.56034 -122.34809	Exclusion	Boom 1600ft	Yes	Remote Stage and launch from ramp under WA-99 bridge.	City Park, Habitat Restoration Site/Project, Herons, Mudflat Habitat, Salmonids, Sensitive Resources, Waterfowl	Tidal influence submerges low-lying areas on north of island. Boom stored in water.	Sector CPS-4	295
GRD-1.5	Kellogg Island - South 47.55603 -122.34435	Exclusion	Boom 600ft	Yes	Remote Stage and launch from ramp under WA-99 bridge	City Park, Great Blue Heron, Habitat Restoration Site/Project, Mudflat Habitat, Salmonids, Sensitive Resources, Waterfowl	Tidal influence. Ships/barges may be docked at cement plant (was Ideal, now LaFarge). Tribal fishing nets may also be in area. Usual anchor points may need to be adjusted.	Sector CPS-4	297
GRD-2.0	CalPortland Cement Dock 47.54897 -122.34084	Exclusion	Boom 900ft	Yes	Remote Stage and launch from Boat Ramp under WA-99 Bridge	Emergent Wetlands, Habitat Mitigation Site/Project, Mudflat Habitat, Riparian Habitat, Salmonids, Salt Marsh	Loading dock at CalPortland Cement. If ship is at dock may need extra boom to clear. Port of Seattle owns South property (Terminal 115).	Sector CPS-4	299
GRD-4.0	Duwamish River People's Park 47.52638 -122.31049	Exclusion	Boom 800ft	Yes	Remote Stage and launch from ramp under WA-99 bridge. Alternatively, hand launched boats can be put in nearby at S. Thistle	Habitat Restoration Site, Recreational Use Area, Resident Fish, Salmonids, Wetlands	Park access	Sector CPS-4	303
GRD-4.9	Hamm Creek at Duwamish Waterway 47.51649 -122.30667	Exclusion	Boom 400ft, Sorbent 100ft	Yes	Remote Stage and launch from boat ramp at WA-99 bridge. Site is difficult to access from land.	Habitat Restoration Site/Project, Marsh Habitat, Mudflat Habitat, Salmonids	Very shallow 100ft from banks, with mudflats. Restoration site on public land. Tidal creek marsh.	Sector CPS-4	305

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
MAUI-1	Dockton Park (Maury Island) 47.37142 -122.45482	Collection	Boom 700ft	Yes	Onsite Stage onsite at Dockton Park boat ramp/marina.	Habitat Restoration Site/Project, Herring Spawning Area, Marine Mammals, Public Recreation Site/Area, Salmonids	Notify Vashon Park District prior to implementation; call 206-463-9602. Stage equipment in parking area near boat ramp.	Sector CPS-7	301
MAUI-2	Rabbs Lagoon (Maury Island) 47.39179 -122.43337	Exclusion	Boom 100ft, Sorbent 100ft	Yes	Onsite Stage equipment at small parking area, gate may be locked afterhours.	Estuary Resources, Herring Spawning Area, Recreational Use Area, Salt Marsh, Waterfowl	500ft walk from parking to site. Deployable by foot at low tide. At high tide need hand launch boat to cross inlet and set anchor.	Sector CPS-7	303
PYLPR-1.2	Simpson Restoration Site (Puyallup River) 47.25322 -122.41786	Exclusion	Boom 200ft, Sorbent 100ft	Yes	Remote Stage and launch from Point Defiance	Estuary Resources, Habitat Mitigation Site/Project, Salmonids, T/E Species, Waterfowl	Trees for easy anchors. New side channel with small inlet on river left. Large tide change. Army Corps property.	Sector CPS-8	305
PYLPR-1.6	Gog-le-hi-te Wetland I (Puyallup River) 47.24905 -122.41206	Exclusion	Boom 200ft, Sorbent 100ft	Yes	Remote Stage and launch from Point Defiance	Salmonids, T/E Species, Waterfowl, Wetlands Restoration Site, Wildlife Refuge	USACE levee - call Army Corps Seattle District. Restored wetland and recreation area.	Sector CPS-8	307
PYLPR-1.8	Gog-le-hi-te Wetland II (Puyallup River) 47.24662 -122.40877	Exclusion	Boom 200ft, Sorbent 100ft	Yes	Remote Stage and launch from Point Defiance	Salmonids, T/E Species, Waterfowl, Wetlands Restoration Site, Wildlife Refuge	Restored wetland with levee breach.	Sector CPS-8	309
VI-1e	Point Hayer Marsh (Vashon) - Ebb Tide 47.42186 -122.43269	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment at small parking area on road shoulder.	Public Recreation Site/Area, Salmonids, Salt Marsh, Shorebirds, Waterfowl	Walk 200ft down dirt/gravel trail to wooden bridge. Shallow or dry unless at high tide.	Sector CPS-6	311

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
VI-2e	Ellis Marsh (Vashon) - Ebb Tide 47.41730 -122.44005	Exclusion	Boom 100ft, Sorbent 200ft	No	Onsite Stage equipment at parking area north of site, or small shoulder south of site.	Estuary Resources, Recreational Use Area, Salmonids, Salt Marsh	May need to close lane for safe deployment. Follow WSDOT guidelines for flaggers and lane closure. Large tide change, no boat access unless at extreme high tide.	Sector CPS-6	313
VI-3	Tramp Harbor Dock (Vashon) 47.41338 -122.43693	Collection	Boom 700ft	Yes	Remote Stage and launch from Redondo Beach, Des Moines. Parking on site.	Dungeness Crab, Eelgrass, Public Recreation Site/Area, Salmonids, Waterfowl	Dock pilings will not support weight. Slated for demolition. Tramp Harbor dock belongs to Vashon Park District.	Sector CPS-6	315
VI-4f	Judd Creek (Vashon) 47.40061 -122.46288	Exclusion	Boom 1000ft, Sorbent 300ft	Yes	Remote Stage at Jensen Point Park, launch from Tacoma.	Forage Fish Spawning Area, Mudflat Habitat, Salmonids, Tidal Marshes, Waterfowl Concentrations	May be too shallow to access at low tide. Private Property. Access via boat.	Sector CPS-7	317
VI-5	Burton Marsh (Vashon) 47.38515 -122.45022	Exclusion	Boom 200ft, Sorbent 200ft	Yes	Remote Stage at Jensen Point Park, launch from Tacoma.	Bird Habitat, Salt Marsh, Wetlands	No vehicle access to beach. Site owned by Camp Burton. At low tide may have to haul boom across gravel beach.	Sector CPS-7	319
VI-6e	Shingle Mill Creek (Vashon) - Ebb Tide 47.48003 -122.48231	Exclusion	Boom 100ft, Sorbent 100ft	No	Onsite Stage equipment by historic rental house.	City Park, Estuary Resources, Salmonids, Salt Marsh	Notify Vashon Park District prior to arrival; call 206-463-9602 and ask them to notify any guests at the house. Advise you will cut lock on entry gate. Slight incline down beach from yard, may need waders or shallow boat at high tide.	Sector CPS-6	321

Strategy Name	Location	Strategy Type	Boom Length	Boat Req?	Staging Area	Resources At Risk	Comments	Sector Map	Strategy Details (Page#)
VI-6f	Fern Cove Tideflats (Vashon) - Flood Tide 47.48077 -122.48318	Exclusion	Boom 1000ft	Yes	Onsite Stage and launch from Pomeroy Park, Port Orchard.	City Park, Eelgrass, Mudflat Habitat, Salmonids, Waterfowl	Deploy at mid to high tide only - shallow.	Sector CPS-6	323
WAPC-0.2	Wapato Creek at Alexander Ave (Blair Waterway) 47.25096 -122.37243	Collection	Boom 100ft, Sorbent 60ft	Yes	Onsite Stage at gravel shoulder onsite, east of Alexander Ave.	Habitat Mitigation Site/Project, Salmonids, Waterfowl	Tidal creek connects to Blair Waterway. Steep banks with blackberry. Gravel shoulder parking next to site.	Sector CPS-8	325

Notification Strategy Matrices

Strategy Name	Location	Strategy Type	Resources at Risk	Implementation	Comments	Sector Map	Strategy Details (Page#)
CPS-1-N	Willow Creek Tidegate Marina Beach Edmonds 47.80494 -122.39288	Notification	Eelgrass, Herons, Marsh, Raptors, Salmonids	Contact City of Edmonds Public Works at 425-771-0235 and inform them about any potentially significant oil spill that may impact either Willow Creek/Edmonds Marsh or Puget Sound near Marina Beach/Edmonds Marina.	Notify City of Edmonds so they can close their tidegates	Sector CPS-1	329
CPS-10-N	Suquamish Tribe Fisheries - Grovers Creek Hatchery 47.77343 -122.55651	Notification	Economic Resources, Salmonids, Tribal Lands/Resources	Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.	Notify Suquamish Tribe Hatcheries so they can delay salmon releases	Sector CPS-2	331
CPS-20-N	Agate Pass Net Pens 47.70349 -122.57501	Notification	Net Pens, Salmonids, Shellfish, Tribal Lands/Resources	Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.	Notify Suquamish Tribe Fisheries so they can take action to protect their net pens	Sector CPS-10	333
CPS-21-N	SEA Discovery Center Poulsbo 47.73309 -122.64578	Notification	Economic Resources, Public Lands, Water Intakes	Contact the aquarium at 360-598-4460 and inform them about any potentially significant oil spill that may impact the waters near Liberty Bay	Notify aquarium so they can monitor or shut down their water intakes	Sector CPS-10	335

Strategy Name	Location	Strategy Type	Resources at Risk	Implementation	Comments	Sector Map	Strategy Details (Page#)
CPS-30-N	Hiram Chittenden (Ballard) Locks 47.66503 -122.39743	Notification	Federal Lands, Fish Ladder(s), Recreational Use Area	Contact the Army Corps Seattle District at 206-764-3750 and inform them about any potentially significant oil spill that may impact the waters near Lake Union, Salmon Bay, or Shilshole Bay.	Notify US Army Corps of Engineers so they can adjust the locks or protect their fish ladder	Sector CPS-3	337
CPS-31-N	Elliot Bay Net Pens (Terminal 86) 47.62220 -122.36767	Notification	Economic Resources, Net Pens, Salmonids, Tribal Lands/Resources	Call Muckleshoot Fisheries at (206) 931-0652 and inform them about any potentially significant oil spill that may impact the waters near Elliott Bay or the Green/Duwamish River.	Notify the Muckleshoot or Suquamish Tribes so they can protect their net pens	Sector CPS-3	339
CPS-32-N	Seattle Aquarium Water Intake 47.60727 -122.34375	Notification	Economic Resources, Marine Mammals, Water Intakes	Contact Seattle Aquarium's Life Science Team 24/7 cell at 206-386-4359 and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact Elliott Bay or the Duwamish / Green River.	Notify Seattle Aquarium so they can monitor or shut down their water intake	Sector CPS-3	341
CPS-70-N	Gorst Creek Rearing Ponds (Bremerton) 47.52992 -122.71087	Notification	Economic Resources, Fish Hatchery, Salmonids, Tribal Lands/Resources, Water Intakes	Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact Gorst Creek or the waters near Sinclair Inlet.	Notify Suquamish Tribe Hatcheries so they can delay salmon releases	Sector CPS-11	343

Strategy Name	Location	Strategy Type	Resources at Risk	Implementation	Comments	Sector Map	Strategy Details (Page#)
CPS-110-N	MaST Center Aquarium Water Intake (Poverty Bay) 47.34909 -122.32521	Notification	Economic Resources, Public Lands, Water Intakes	Contact the aquarium at 360-592-3135 and inform them about any potentially significant oil spill that may impact the waters near Poverty Bay	Notify Highline College MaST Center Aquarium so they can monitor or shut down their water intake	Sector CPS-7	345
CPS-160-N	Foss Waterway Seaport Water Intake 47.25785 -122.43705	Notification	Economic Resources, Water Intakes	Notify the Foss Waterway Seaport/Foss Maritime Museum Executive Director at (253) 334-1688. Inform them of any significant spill or potential spill that impacts the Thea Foss Waterway. Once notified, Seaport/Museum staff can make necessary and appropriate actions, such as closing water intakes.	Notify Foss Waterway Seaport/Foss Martime Museum so that they can consider closing the water intakes.	Sector CPS-8	347
CPS-170-N	Point Defiance Aquarium Water Intake 47.30762 -122.51891	Notification	Economic Resources, Water Intakes	Contact Point Defiance Zoo and Aquarium at 253-677-7104 (24-hour) and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact marine waters near the intake for the aquarium at this location.	Notify Point Defiance Zoo and Aquarium so they can monitor or shut down their water intakes	Sector CPS-9	349

Staging Area Matrices

Strategy Name	Location	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
SA-BAI-1	Bainbridge City Dock	47.62220 -122.51785	276 Shannon Drive SE Bainbridge Island, WA 98110	City of Bainbridge Island Parks & Rec After Hours Emergency WA 206-887-8329	BAI-6, BAI-3, BAI-7	Public dock and launch with additional services for a fee. Adjacent to large city park and community center.	Sector CPS-3	353
SA-CPS-10	Kingston Cove Marina	47.79652 -122.49898	25878 Washington Blvd NE Kingston, WA 98346	Port of Kingston Kingston, WA 98346 360-297-3545	CPS-10f, CPS-183	The marina area is west of the ferry terminal parking. There are restaurants nearby. Marina and launch are managed by the Port of Kingston, call 360-297-3545.	Sector CPS-1	355
SA-CPS-11	Charles Lawrence Memorial Boat Ramp	47.72900 -122.55174	7222 NE Parkway Suquamish, WA 98392	Suquamish Tribe Fisheries Department WA 360-598-3142	CPS-12, CPS-21, CPS-14, CPS-13, BAI-1, CPS-20	Permission from Suquamish Tribe required before using launch. Adjacent to Suquamish Tribe Community Center (House of Awakened Culture). Nearby public parking lot with turnaround, additional parking in front of community center with permission.	Sector CPS-2	357
SA-CPS-21	Port of Brownsville Marina	47.65198 -122.61633	9790 Ogle Road NE Bremerton, WA 98311	Port of Brownsville WA 360-692-5498	CPS-24, BAI-9, BAI-10	Large marina with guest and permanent moorage, full facilities. Adjacent to park. Large parking area across street from marina. Free Wi-Fi, coin laundry and showers.	Sector CPS-11	359
SA-CPS-30	Golden Gardens Boat Ramp at Shilshole Marina	47.68685 -122.40347	8001 Seaview Avenue Seattle, WA 98117	Seattle Parks Duty Officer has key to gates 206 982 4583 Shilshole Marina 206-787-3006	CPS-38, CPS-3, CPS-37, CPS-39	Eddie Vine Boat Ramp is part of Golden Gardens Park (City of Seattle), next to Shilshole Bay Marina (Port of Seattle). Stage in either marina or park. Very busy in summer and holiday weekends.	Sector CPS-3	361

Strategy Name	Location	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
SA-CPS-31	14th Avenue NW Boat Ramp	47.66090 -122.37356	4400 14th Ave Northwest Seattle, WA 98107	Seattle Parks Duty Officer 206 982 4583 Seattle Parks and Recreation 206-684-4075	CPS-34, CPS-36, CPS-35	Downtown boat ramp with trailer parking in front of Seattle Maritime Center. Be aware of heavy traffic and RV residents in area.	Sector CPS-3	363
SA-CPS-32	Sunnyside Avenue North Boat Ramp	47.65031 -122.33076	2301 N Northlake Way Seattle, WA 98103	Seattle Parks Duty Officer 206 982 4583 Seattle Parks and Recreation 206-684-4075	CPS-31, CPS-33	No assigned parking, first come first serve, usually full. Adjacent to busy road, minimal work area.	Sector CPS-3	365
SA-CPS-40	Don Armeni Boat Ramp	47.59273 -122.38249	1221 Harbor Ave SW Seattle, WA 98116	Seattle Parks Duty Officer 206 982 4583 Seattle Parks and Recreation 206-684-4075	BLI-1, CPS-40	Notify Seattle Parks and Recreation prior to implementation; call 206-684-7249.	Sector CPS-3	367
SA-CPS-50	Waterfront Park (Silverdale)	47.64375 -122.69644	3425 NW Byron Street Silverdale, WA 98383	Kitsap County Parks Department Property Managers 360-337-5350 Port of Silverdale 360-698-4918	CPS-52f, CPS-54, CPS-55f, CPS-51	The boat launch and parking area belongs to Port of Silverdale. For the rest of the park area and shelters, coordinate staging with Kitsap County Parks; call 253-337-5350.	Sector CPS-11	369
SA-CPS-51	Evergreen Boat Ramp	47.57428 -122.62796	1317 Sheldon Boulevard Bremerton, WA 98337	Bremerton Parks and Recreation WA 360-478-5305	CPS-70, CPS-53f	Notify City of Bremerton prior to implementation; call 360-473-5305.	Sector CPS-11	371

Strategy Name	Location	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
SA-CPS-70	Water Street Boat Launch	47.54124 -122.64028	525 Bay Street Port Orchard, WA 98366	Port of Bremerton 360-674-2381 Port Orchard Parks and Recreation Boat launch owner 360-876-4991	CPS-83f, CPS-75f, CPS-81f, CPS-74f	Parking area and park owned by Port of Bremerton, notify prior to implementation; call 360-674-2381. Port Orchard Marina owns and manages the boat launch, fuel dock, and pumpout station.	Sector CPS-11	373
SA-CPS-90	Pomeroy Park	47.55590 -122.54360	9003 E Main St Port Orchard, WA 98366	Port of Manchester WA 360-871-0500	VI-6f	Pomeroy Park Boat Launch belongs to the Port of Manchester. Coordinate staging with the Port; call 360-871-0500.	Sector CPS-5	375
SA-CPS-110	Redondo Boat Launch	47.34819 -122.32515	28315 Redondo Way South Des Moines, WA 98198	City of Des Moines Marina WA 206-824-5700	VI-3	Boardwalk and pier with adjacent parking lot (across street). High traffic in the summer.	Sector CPS-7	377
SA-CPS-170	Point Defiance Waterfront	47.30508 -122.51360	5501 N Pearl Street Tacoma, WA 98407	Point Defiance Marina 253-591-5325	PYLPR-1.6, CPS-142, CPS-180, CPS-143, CPS-135, CPS-161, CPS-130, CPS-141a, PYLPR-1.8, CPS-144, CPS-181, CPS-134, PYLPR-1.2	Point Defiance Waterfront belongs to Metro Parks Tacoma. Coordinate staging with Metro Parks; call 253-591-5325.	Sector CPS-9	379
SA-GRD-2.5	Duwamish River Boat Ramp	47.54299 -122.33365	79 South River Street Seattle, WA 98108	Seattle Department of Transportation Seattle, WA 206-684-7623	GRD-2.0, GRD-4.9, GRD-1.1, GRD-1.5	Limited parking. Gravel shoulder at site and unmarked street parking nearby. No facilities.	Sector CPS-4	381
SA-VI-1	Jensen Point Park	47.39009 -122.44725	8903 SW Bayview Drive Vashon, WA 98070	Vashon Park District Maintenance Director Vashon, WA 98070 206-463-9602	VI-4f, VI-5	Jensen Point Park belongs to Vashon Park District. Coordinate staging with park staff; call 206-463-9602.	Sector CPS-7	383

Boat Launch Matrices

Strategy Name	Name	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
BL-BAI-1	Bainbridge City Dock	47.62220 -122.51785	276 Shannon Drive SE Bainbridge Island, WA 98110	City of Bainbridge Island Parks & Rec After Hours Emergency WA 206-887-8329	BAI-5, BAI-6, BAI-3, BAI-7, BAI-4	Newly renovated dock and launch. Heavy recreational boat traffic and near ferry dock. Access to Eagle Harbor.	Sector CPS-3	387
BL-CPS-10	Kingston Cove Marina	47.79652 -122.49898	25878 Washington Blvd NE Kingston, WA 98346	Port of Kingston Kingston, WA 98346 360-297-3545	CPS-10f, CPS-183	Appletree Cove. The launch is near a large tidal bay and adjacent to a large Marina with full slips. Be aware of both the state ferry and recreational boat traffic. Marina and launch are managed by the Port of Kingston, call 360-297-3545.	Sector CPS-1	389
BL-CPS-11	Charles Lawrence Memorial Boat Ramp	47.72900 -122.55174	7222 NE Parkway Suquamish, WA 98392	Suquamish Tribe Fisheries Department WA 360-598-3142	CPS-12, CPS-21, CPS-14, CPS-13, BAI-2, BAI-1, CPS-20	Tribally owned ramp behind Suquamish Community House. Permission from tribe required before using launch. Not useable at low tide. Nearby public parking lot with turnaround, additional parking in front of community center with permission. Port Madison	Sector CPS-2	391
BL-CPS-20	Keyport Boat Ramp	47.70427 -122.62417	15499 Washington Avenue NE Keyport, WA 98345	Port of Keyport WA 360-627-0594	CPS-23	Small recreational ramp next to pier with dock and moorage. Liberty Bay	Sector CPS-10	393
BL-CPS-21	Port of Brownsville Marina	47.65198 -122.61633	9790 Ogle Road NE Bremerton, WA 98311	Port of Brownsville WA 360-692-5498	CPS-24, BAI-9, BAI-10	Ramp usable to -2 ft tide. Recently upgraded dual boat ramp. Guest moorage and full marina facilities available first-come, first serve. Breakwater dock can be reserved. Brown's Bay/Port Orchard.	Sector CPS-11	395

Strategy Name	Name	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
BL-CPS-30	Golden Gardens Boat Ramp at Shilshole Marina	47.68685 -122.40347	8001 Seaview Avenue Seattle, WA 98117	Seattle Parks Duty Officer has key to gates 206 982 4583 Shilshole Marina 206-787-3006	CPS-38, CPS-3, CPS-37, CPS-39	Eddie Vine Boat Ramp is part of Golden Gardens Park (City of Seattle), next to Shilshole Bay Marina (Port of Seattle). Marina has full facilities.	Sector CPS-3	397
BL-CPS-31	14th Avenue NW Boat Ramp	47.66090 -122.37356	4400 14th Ave Northwest Seattle, WA 98107	Seattle Parks Duty Officer has key to gates 206 982 4583 Seattle Parks and Recreation General line 206-684-4075	CPS-34, CPS-36, CPS-35	Public ramp leading into shipping canal adjacent to Aurora bridge, east of the locks. Access to Salmon Bay/Lake Union.	Sector CPS-3	399
BL-CPS-32	Sunnyside Avenue North Boat Ramp	47.65031 -122.33076	2301 N Northlake Way Seattle, WA 98103	Seattle Parks Duty Officer has key to gates 206 982 4583 Seattle Parks and Recreation General line 206-684-4075	CPS-31, CPS-32, CPS-33	Public launch near Gas Works Park. Adjacent to liveaboards, floating homes, Puget Sound Yacht Club. Access to Ship Canal/Lake Union/Portage Bay.	Sector CPS-3	401
BL-CPS-40	Don Armeni Boat Ramp	47.59273 -122.38249	1221 Harbor Ave SW Seattle, WA 98116	Seattle Parks Duty Officer has key to gates 206 982 4583 Seattle Parks and Recreation General line 206-684-4075	DEW-1.3, CPS-41, DWW-1.1, DWW-0.8, GRD-0.6, GRD-1.0, BLI-1, CPS-40	Notify Seattle Parks and Recreation prior to implementation; call 206-684-7249.	Sector CPS-3	403

Strategy Name	Name	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
BL-CPS-50	Waterfront Park (Silverdale)	47.64375 -122.69644	3425 NW Byron Street Silverdale, WA 98383	Kitsap County Parks Department Property Managers 360-337-5350 Port of Silverdale 360-698-4918	CPS-52f, CPS-54, CPS-55f, CPS-51	Waterfront Park Boat Launch belongs to Port of Silverdale. Coordinate staging with Kitsap County Parks; call 253-337-5350.	Sector CPS-11	405
BL-CPS-51	Evergreen Boat Ramp	47.57428 -122.62796	1317 Sheldon Boulevard Bremerton, WA 98337	Bremerton Parks and Recreation WA 360-478-5305	CPS-72, CPS-70, CPS-53f	Notify City of Bremerton prior to implementation; call 360-473-5305.	Sector CPS-11	407
BL-CPS-70	Water Street Boat Launch	47.54124 -122.64028	525 Bay Street Port Orchard, WA 98366	Port of Bremerton 360-674-2381 Port Orchard Parks and Recreation Boat launch owner 360-876-4991	CPS-84, CPS-79f, CPS-83f, CPS-75f, CPS-71, CPS-78f, CPS-77f, CPS-81f, CPS-74f	Parking area and park owned by Port of Bremerton, notify prior to implementation; call 360-674-2381. Port Orchard Marina owns and manages the boat launch, fuel dock, and pumpout station.	Sector CPS-11	409
BL-CPS-90	Pomeroy Park	47.55590 -122.54360	9003 E Main St Port Orchard, WA 98366	Port of Manchester WA 360-871-0500	CPS-92, CPS-90, CPS-93f, CPS-91f, CPS-91e, VI-6f	Pomeroy Park Boat Launch belongs to the Port of Manchester. Coordinate staging with the Port; call 360-871-0500.	Sector CPS-5	411
BL-CPS-110	Redondo Boat Launch	47.34819 -122.32515	28315 Redondo Way South Des Moines, WA 98198	City of Des Moines Marina WA 206-824-5700	CPS-114, VI-3, CPS-111	Trailer parking is across the street, crossing the road to launch may require flaggers during high traffic season. Poverty Bay	Sector CPS-7	413

Strategy Name	Name	Position	Nearest Address	Contact	Strategies Served	Comments	Sector Map	Strategy Details (Page#)
BL-CPS-170	Point Defiance Waterfront	47.30508 -122.51360	5501 N Pearl Street Tacoma, WA 98407	Point Defiance Marina 253-591-5325	PYLPR-1.6, CPS-142, CPS-141b, CPS-180, CPS-143, CPS-113f, CPS-133, CPS-135, CPS-162, CPS-131, CPS-140, CPS-150, CPS-161, CPS-160a, CPS-130, CPS-141a, PYLPR-1.8, VI-4f, CPS-144, CPS-181, CPS-120f, VI-5, CPS-145, CPS-134, CPS-160b, CPS-132b, PYLPR-1.2	Point Defiance Waterfront belongs to Metro Parks Tacoma. Coordinate staging with Metro Parks; call 253-591-5325.	Sector CPS-9	415
BL-GRD-2.5	Duwamish River Boat Ramp	47.54299 -122.33365	79 South River Street Seattle, WA 98108	Seattle Department of Transportation Seattle, WA 206-684-7623	GRD-2.0, GRD-4.9, GRD-1.1, GRD-1.5	Boat launch is owned by SDOT. Neighbors are Muckleshoot Tribe. Duwamish River at 1st Avenue Bridge.	Sector CPS-4	417

APPENDIX A

Response Strategy 2-Pagers

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Port Madison Bay — BAI-1

Position - Location:	47° 42.152', -122° 31.688'	47° 42' 9.1", -122° 31' 41.3"	47.70253, -122.52813	Suquamish

Strategy Objective: Exclusion : Keep oil out of Port Madison Bay

Implementation: Secure 1100 ft section of boom to shore near base of private dock, near A (47.70246, -122.52993). Do not anchor south of this spot. Using workboat, extend boom SE to opposite shore and secure near B, at Port Madison Water Company dock. Based on conditions, adjust location of point B and use additional anchors to secure boom. If product collects at B, obtain permission from Port Madison Co before bringing vac truck.

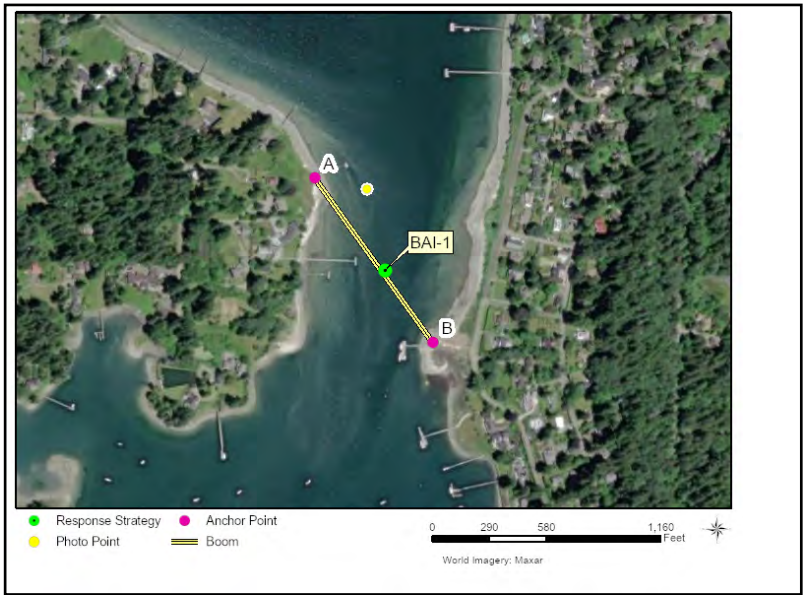
Staging Area: Remote: Stage at Suquamish Tribe boat ramp, call ahead.

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

Field Notes: Strong tidal current at entrance to Port Madison. Shoreside anchors at private property. Southern property is Port Madison Water Company.

Watercourse: Bay - Port Madison Bay entrance

Resources at Risk: Eelgrass, Forage Fish, Salmonids, Sensitive Resources, Waterfowl



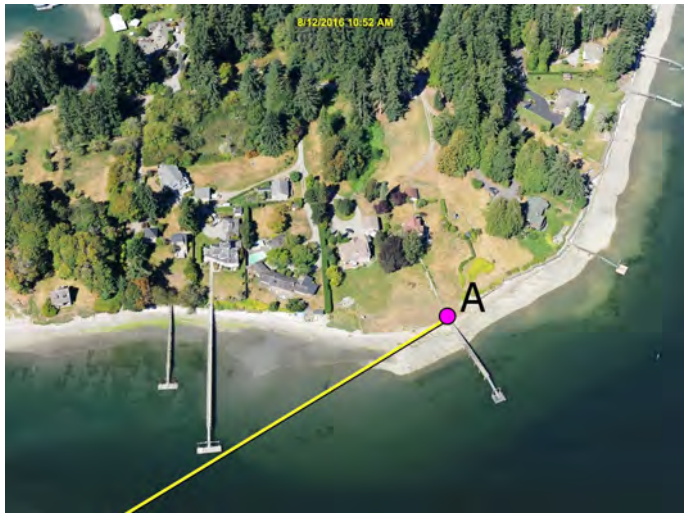
Recommended Equipment

6	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1100	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Bridle(s) - Towing (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
4	Laborer
1	Supervisor

Port Madison Bay BAI-1



BAI-1 Photo: Aerial photo of NW entrance to Port Madison Bay. Anchor point A is labeled.



Site Contact

Suquamish Tribe
Tribal Contact : Fisheries Department
360-598-3142

Port Madison Water Company
Land/Property Owner : Tidelands Owner Emergency Line
206-780-8267

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

Directions to Suquamish Tribe Boat Launch & Staging:
1. Start at WA 3 Poulsbo
2. Go northeast on WA-3
3. Take ramp on the right to WA-305 S toward Poulsbo/Bainbridge Island
4. At fork keep right on WA-305 S toward Poulsbo/Bainbridge Island/Kingston
5. Bear right on WA-305
6. Turn left on Suquamish Way NE
7. Turn left on Division Ave NE
8. Turn right on NE South St
9. Slight right into parking lot/NE Parkway
10. Entrance to ramp/turnaround at far end of lot next to dock.

Point Monroe Lagoon (Port Madison) BAI-2

Position - Location:	47° 42.352', -122° 31.036'	47° 42' 21.1", -122° 31' 2.2"	47.70586, -122.51727	Bainbridge Island

Strategy Objective: Exclusion : Keep oil out of the lagoon

Implementation: Using shallow workboat, secure 500ft of boom to gravel shore north of inlet, at A, using shoreside anchors. Extend boom across lagoon entrance and secure to trees or existing features near seawall, at C. Extend midpoint of boom west and set anchor to create chevron. At low tide, tie sorbent across neck of inlet. Use extra anchors as needed for conditions.

Staging Area: Onsite: Handlaunch from nearby road or launch from Suquamish Tribe Boat Ramp.

Site Safety: Steep Slopes; Pilings; Slips, Trips, Falls; Water Hazard; Shallow Tidelands

Field Notes: Extra staging at Fay Bainbridge State Park; private and public road access from Point Monroe Drive

Watercourse: Lagoon - Point Monroe Lagoon at Port Madison

Resources at Risk: Forage Fish, Salmonids, Sensitive Resources



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Point Monroe Lagoon (Port Madison) BAI-2



BAI-2 Photo: Entrance to Point Monroe Lagoon from the north, looking SW. Picture taken at high tide +11ft.



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

15798 Point Monroe Drive NE
Bainbridge Island, WA 98110

Driving Directions

1. Start at WA 3 Silverdale
2. Go north on WA-3
3. Take ramp on the right to WA-305 S toward Poulsbo/Bainbridge Island
4. At fork keep right on WA-305 S toward Poulsbo/Bainbridge Island/Kingston
5. Bear right on WA-305
6. Turn left on NE Hidden Cove Rd
7. Bear left on Phelps Rd NE
8. Turn right on E Euclid Ave NE
9. Turn right on NE Lafayette Ave
10. Bear left on Point Monroe Dr NE
11. Circular parking area on public road - use for staging and handlaunch if needed.
12. Private home near strategy at 15798 Point Monroe Drive NE, 98110

Murden Cove (Bainbridge Island) BAI-3

Position - Location:	47° 39.104', -122° 31.096'	47° 39' 6.3", -122° 31' 5.7"	47.65174, -122.51826	Bainbridge Island

Strategy Objective: Exclusion : Keep oil out of salt marsh

Implementation: Using workboat, secure 100ft of boom to eastern shore, at A. Extend boom W across inlet and secure other end to shore by driftwood, at B. Pull midpoint of boom north and set anchor to create chevron. Back with sorbent. Adjust angle and use extra anchors as needed for conditions.

Staging Area: Remote: Stage and launch from Bainbridge City Dock

Site Safety: Shallow Tideflats; Driftwood; Slips, Trips, Falls; Water Hazard

Field Notes: Difficult boat access at low tide, may be easier to land nearby and walk down the beach. Narrow inlet with sand/gravel beaches, easy slope.

Watercourse: Salt Marsh - Murden Cove

Resources at Risk: Estuary Resources, Marsh, Salmonids



Recommended Equipment

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

Murden Cove (Bainbridge Island) BAI-3



BAI-3 Photo: From western shore, looking NE across inlet into salt marsh. Taken at +9ft tide.



Site Contact

No Information
Not Determined :

Nearest Address

276 Shannon Drive SE
Bainbridge Island, WA 98110

Driving Directions

DIRECTIONS TO BAINBRIDGE ISLAND BOAT LAUNCH:
1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Bainbridge City Dock - Creek Estuary — BAI-4

Position - Location:	47° 37.309', -122° 31.009'	47° 37' 18.5", -122° 31' .5"	47.62181, -122.51681	Bainbridge Island

Strategy Objective: Exclusion : Keep oil out of Winslow Ravine Creek

Implementation: Using workboat, secure 700 ft section of boom to shore at Ferry parking area, at A. Extend boom SW into harbor and secure midpoint anchor in water at B. Extend remaining boom NW to shore and secure at boat launch, at C. At low tide, may need to pass line to dock and walk boom end to shore. Use natural features to secure boom to shore at City Park/Dock. Use shoreside anchoring system or natural features at Ferry Terminal. Use additional anchors as needed or adjust angle to keep boom secure in water.

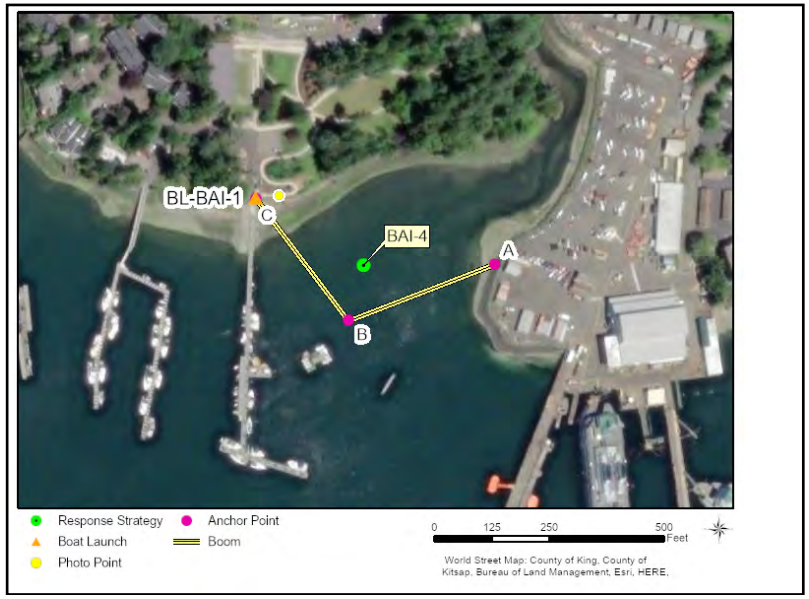
Staging Area: Onsite: Stage onsite at Bainbridge City Dock and Waterfront Park.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Shallow creek estuary between dock and ferry terminal. Ferry property shoreline is rip/rap, fencing.

Watercourse: Puget Sound - Eagle Harbor

Resources at Risk: City Park, Estuary Resources, Marsh, Salmonids, Sensitive Resources



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (Contractor Boom) or equivalent
300	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

Bainbridge City Dock - Creek Estuary BAI-4



BAI-4 Photo: From boat ramp at B, looking SE across creek entrance towards Bainbridge Ferry Terminal and A. Taken at +5ft tide.



Site Contact

City of Bainbridge Island
Primary Contact : Parks & Rec After Hours Emergency
206-887-8329

Washington State Ferries
Land/Property Contact : Operations Watch Officer
206-515-3456

Nearest Address

276 Shannon Dr SE
Bainbridge Island, WA 98110

Driving Directions

1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Bainbridge City Dock BAI-5

Position - Location:	47° 37.316', -122° 31.108'	47° 37' 19.0", -122° 31' 6.5"	47.62194, -122.51846	Bainbridge Island

Strategy Objective: Exclusion : Keep oil away from Waterfront Park shoreline

Implementation: Using workboat, secure 300 ft section of boom to private dock at A. Extend east to City Dock and toss line to personnel on dock. Use line and boat to bring other end of boom to shore and secure at end of boat launch, at B. Use dock pilings or natural features to secure boom to shore. Use additional anchors as needed to keep boom secure in water. Adjust angle as needed for conditions.

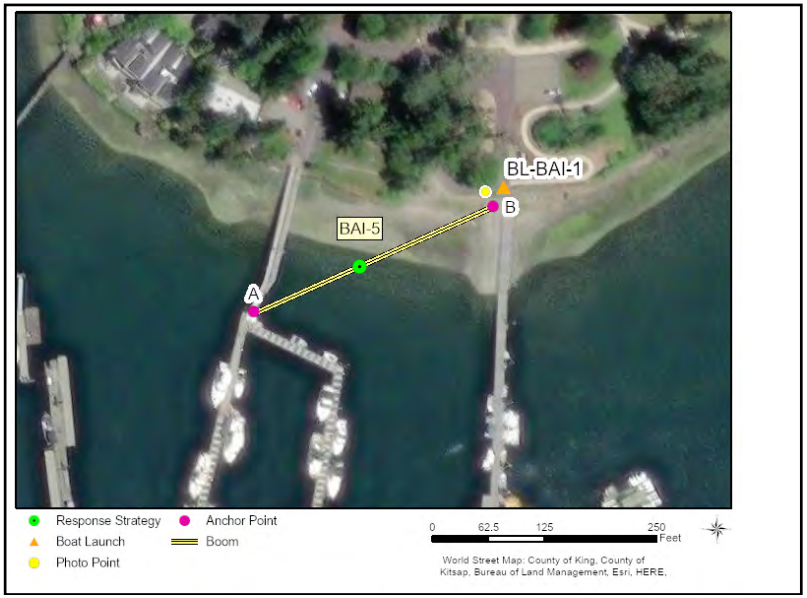
Staging Area: Onsite: Stage onsite at Bainbridge City Dock boat ramp and Waterfront Park.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Multiple docks and heavy recreational traffic. Shallow shelf may be hidden at high tide.

Watercourse: Puget Sound - Eagle Harbor

Resources at Risk: City Park, Estuary Resources, Mud Flat(s), Sensitive Resources



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
300	Feet	Boom - B2 (18" to 42")
1	Each	Bridle(s) - Piling (appropriately sized for boom)
300	Feet	Line - 3/8” poly line
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Bainbridge City Dock BAI-5



BAI-5 Photo: From B at edge of boat launch, looking SW towards A at Queen City dock. Taken at +5ft tide.



Site Contact

City of Bainbridge Island
Primary Contact : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

276 Shannon Dr SE
Bainbridge Island, WA 98110

Driving Directions

1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Bainbridge Island Japanese Internment Memorial BAI-6

Position - Location:	47° 37.021', -122° 30.528'	47° 37' 1.2", -122° 30' 31.7"	47.61701, -122.50880	Bainbridge Island

Strategy Objective: Exclusion : Keep oil off of shoreline between Japanese Internment Memorial and Bainbridge Island Marina

Implementation: Using workboat, secure 800ft section of boom to end of easternmost dock at Bainbridge Island Marina, at A. Extend boom SE to beach at Pritchard Park/Japanese American Exclusion Memorial, and secure to shore east of rip-rap at B, using shoreside anchoring system. Use additional anchors as needed to secure boom in water.

Staging Area: Remote: Stage and launch from Bainbridge City Dock and Waterfront Park.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Sandy beach to private dock piling.

Watercourse: Puget Sound - Eagle Harbor

Resources at Risk: City Park, Forage Fish, National Park, Sensitive Resources



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
800	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Bridle(s) - Towing (appropriately sized for boom)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Bainbridge Island Japanese Internment Memorial BAI-6



BAI-6 Photo: From B at beach at Pritchard Park, looking NW towards A at end of private dock. Taken at 6ft tide.



Site Contact

City of Bainbridge Island
Land/Property Owner : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

276 Shannon Drive SE
Bainbridge Island, WA 98110

Driving Directions

DIRECTIONS TO BOAT LAUNCH AT BAINBRIDGE CITY DOCK:
1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Blakely Harbor Tidal Marsh (Bainbridge) BAI-7

Position - Location:	47° 35.761', -122° 30.991'	47° 35' 45.6", -122° 30' 59.4"	47.59601, -122.51651	Bainbridge Island

Strategy Objective: Exclusion : Keep oil out of Blakely Harbor tidal estuary

Implementation: Secure end of 100ft length of boom to shore at northeast side of entrance to marsh, at edge of rip-rap, at A. Extend boom SW across marsh entrance and secure other end to shore at C. If water depth allows, extend midpoint of boom into Blakely Harbor to create a chevron and anchor, at B. Back with sorbent. Adjust boom angle as needed. Use anchoring systems or natural features to secure boom to shore.

Staging Area: Remote: Stage and launch from Eagle Harbor Dock.

Site Safety: Rip-Rap; Exposed Rebar; Abandoned Building; Slips, Trips, Falls; Water Hazard

Field Notes: Breached rip-rap jetty across western end of Blakely Harbor. Big tidal change. BI City Parks owns N banks and marsh.

Watercourse: Estuary - Blakely Harbor

Resources at Risk: City Park, Forage Fish, Marine Birds, Marsh, Salmonids, Waterfowl



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Blakely Harbor Tidal Marsh (Bainbridge) BAI-7



BAI-7 Photo: From north side of inlet, at A, looking southeast towards private property and B/C. Taken at high tide, +10ft.



Site Contact

City of Bainbridge Island
Land/Property Owner : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

276 Shannon Drive SE
Bainbridge Island, WA 98110

Driving Directions

DIRECTIONS TO BOAT LAUNCH/STAGING AT EAGLE HARBOR DOCK:
1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Schel Chelb Estuary (Bainbridge) BAI-8

Position - Location:	47° 36.241', -122° 33.094'	47° 36' 14.5", -122° 33' 5.6"	47.60402, -122.55156	Bainbridge Island

Strategy Objective: Exclusion : Keep oil out of Schel Chelb Estuary

Implementation: Secure 100ft boom above high tide line on east side of culvert, near roadside, at A. Use bridge to extend boom West across culvert and secure near roadside, at C. Extend midpoint of boom 20ft south towards Rich Passage and set anchor at B to create a chevron. Back boom with sorbent. Use shoreside anchoring posts or existing structures to secure boom. Adjust boom angle as needed based on conditions.

Staging Area: Onsite: Stage on road shoulder (room for 1 pickup). Additional staging 300 ft east at playground parking.

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

Field Notes: Follow WSDOT guidelines to close lane for deployment. Estuary empties, then refills at high tide. May only need waders at high tide.

Watercourse: Puget Sound - Rich Passage

Resources at Risk: Estuary Resources, Salmonids, Sensitive Resources, Wetlands



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (Contractor Boom) or equivalent
100	Feet	Boom - Sorbent
100	Feet	Line - 3/8" poly line
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Schel Chelb Estuary (Bainbridge) BAI-8



BAI-8 Photo: From Rich Passage, looking NW towards estuary and culvert under Point White Drive. Taken at +6ft tide.



Site Contact

City of Bainbridge Island
Primary Contact : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

4521 Point White Dr NE
Bainbridge Island, WA 98110

Driving Directions

1. Take Agate Pass Bridge onto Bainbridge Island
2. Continue southeast on WA-305 (4.69 miles)
3. Turn right on Sportsman Club Rd NE (1.63 miles)
4. Turn left on Finch Rd NE (0.24 miles)
5. Turn right on Wyatt Way NW (0.12 miles)
6. Bear left on Eagle Harbor Dr NE (0.18 miles)
7. Bear right on Bucklin Hill Rd NE (0.34 miles)
8. Turn right at Blakely Ave NE / Sandpiper Ln NE to stay on Bucklin Hill Rd NE (0.17 miles)
9. Bear left on Lynwood Center Rd NE (1.27 miles)
10. Turn right on Point White Dr NE (0.22 miles)
11. On the right you will pass the entrance for Schel Chelb play area with parking/staging.
12. Just past the playground there is a small gravel shoulder on the right, next to visible railings of the culvert. Near 4521 Point White Dr NE, 98110.

Fletcher Bay (Bainbridge) BAI-9

Position - Location:	47° 38.653', -122° 34.709'	47° 38' 39.2", -122° 34' 42.5"	47.64422, -122.57848	Bremerton

Strategy Objective: Exclusion : Keep oil out of Fletcher Bay

Implementation: Using workboat, secure 500 ft of boom to north shore at pilings and stairs, at A. Extend across inlet and secure to gravel spit, at C. Pull midpoint of boom west to create chevron and set anchor at C. Adjust boom or use additional anchors as needed for conditions.

Staging Area: Remote: Stage and launch from Brownsville Marina. Private property, no road access.

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

Field Notes: Private shoreline on both sides. Gravel spit has driftwood, north shore has dock and pilings.

Watercourse: Bay - Fletcher Bay - Port Orchard

Resources at Risk: Backwater Habitat, Forage Fish, Herons, Marine Birds, Raptors



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Fletcher Bay (Bainbridge) BAI-9



BAI-9 Photo: Entrance to Fletcher Bay at high tide, +11 ft.



Site Contact

No Information
Not Determined :

Nearest Address

9790 Ogle Road NE
Bremerton, WA 98311

Driving Directions

DIRECTIONS TO BROWNSVILLE MARINA BOAT LAUNCH:
1. Start at WA 16 Port Orchard
2. Go west on WA-16
3. Continue on WA-3
4. At exit 45B take ramp on the right to WA-303 S toward E Bremerton
5. Bear right on WA-303 (NW Waaga Way)
6. Turn left on Brownsville Hwy NE
7. Turn right on Ogle Rd NE
8. Turn right into boat launch area at 9790 Ogle Road NE, 98311
9. Trailer parking is across Ogle Street. Take a right out of the boat launch, then the next left.

Manzanita Bay East Inlet (Bainbridge) BAI-10

Position - Location:	47° 40.513', -122° 33.721'	47° 40' 30.8", -122° 33' 43.2"	47.67521, -122.56201	Bainbridge Island

Strategy Objective: Exclusion : Exclude oil from East Inlet of Manzanita Bay

Implementation: Using workboat, secure 1000 ft boom to north shore at road end, securing to Ecology blocks or existing features, at A. Extend south across inlet and secure to easternmost private dock using piling bridle or similar. Do not disturb soil. Adjust southern anchor point or use additional anchors as needed for conditions.

Staging Area: Onsite: Launch from Brownsville Marina. Some road access from Dock St Road End public access.

Site Safety: Slips, Trips, Falls; Water Hazard; Kayaks and Recreational Vessel Traffic

Field Notes: Watch depth - should have some water at low tide. May be floating swimming platform in area.

Watercourse: Bay - Manzanita Bay

Resources at Risk: Backwater Habitat, Forage Fish, Herons, Marine Birds, Raptors, Sensitive Resources



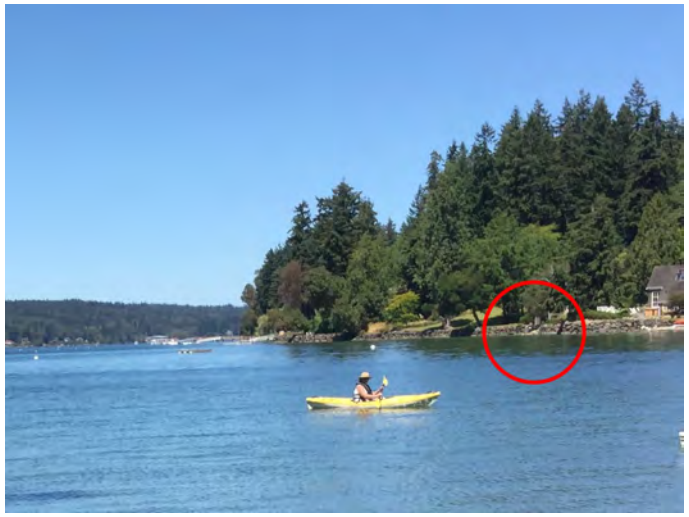
Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Manzanita Bay East Inlet (Bainbridge) BAI-10



BAI-10 Photo: From south shore, further in from dock, looking north. Road end access is circled. Taken at +8ft tide.



Site Contact

City of Bainbridge Island
Primary Contact : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

12615 Manzanita Road NE
Bainbridge Island, WA 98110

Driving Directions

1. Start at WA 3 Silverdale
2. Go north on WA-3
3. Take ramp on the right to WA-305 S toward Poulsbo/Bainbridge Island
4. At fork keep right on WA-305 S toward Poulsbo/Bainbridge Island/Kingston
5. Bear right on WA-305
6. Make sharp right on NE Hidden Cove Rd
7. Turn left on Manzanita Rd NE
8. Turn right down dead-end Dock Street to public access.

Blake Island Marina BLI-1

Position - Location:	47° 32.591', -122° 29.002'	47° 32' 35.5", -122° 29' .1"	47.54319, -122.48336	Seattle

Strategy Objective: Exclusion : Keep oil out of marina at State Park

Implementation: Using workboat, secure 600 ft of boom to shore at beach, at A. Extend across opening of marina and secure other end to rip-rap, at E. Use piling bridles on dolphin nearest shore and pilings 5 and 6 to hold boom in place. Adjust as needed for conditions.

Staging Area: Remote: No road access. Stage and launch from Seattle area.

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

Field Notes: Argosy Cruises runs tours in summer, alert if marina will be closed off. Several pilings across entrance and nearshore to hold boom weight. Restrooms on site at Tillicum Village.

Watercourse: Puget Sound - Puget Sound

Resources at Risk: Economic Resources, Marina, State Park, Tribal Lands/Resources



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (Contractor Boom) or equivalent
3	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

Blake Island Marina BLI-1



BLI-1 Photo: From boat at +9ft tide, looking S towards shoreside dolphin with piling 5 on the left.



Site Contact

Washington State Parks and Rec Commission
Primary Contact : Blake Island State Park
360-731-8330

Argosy Cruises
Secondary Contact : Front Desk for Tour Boats
206-623-1445

Nearest Address

1221 Harbor Ave SW
Seattle, WA 98116

Driving Directions

1. Start at I-5 N SeaTac
2. Go on I-5 N toward West Seattle
3. Take the ramp on the right at exit 163 to West Seattle Br / Columbian Way (0.11 miles)
4. Keep left at the fork onto W Seattle Bridge / Spokane St toward Safeco Field / CenturyLink Field (0.14 miles)
5. Keep left at the fork onto West Seattle Bridge (0.28 miles)
6. Bear left on West Seattle Brg (1.86 miles)
7. Take the ramp on the right to Harbor Ave / Avalon Way (0.26 miles)
8. Turn right on Harbor Ave SW (1.61 miles)
9. Go to the end of the boat ramp parking lot and turn right down the one-way street to access launch.

Brackett's Landing (Edmonds Ferry) CPS-1

Position - Location:	47° 48.819', -122° 23.014'	47° 48' 49.1", -122° 23' .8"	47.81365, -122.38356	Edmonds

Strategy Objective: Exclusion : Keep oil off Brackett's Landing Beach

Implementation: Using workboat, secure 700 ft of boom to shore at rocky outcrop, at A. Extend SW to ferry dock and secure to seawall, at C. Pull midpoint towards sound and anchor at B. Adjust anchors as needed for conditions. Avoid anchoring in eelgrass beds, ensure water anchors do not drag, or cut a larger rope swath than necessary.

Staging Area: Onsite: Stage onsite at Bracketts Landing. Launch boat from Shilshole or Kingston Marinas.

Site Safety: Scuba Park On-Site; Ferry Traffic; Submerged Pilings; Rip-Rap; Slips, Trips, Falls; Water Hazard

Field Notes: Coordinate safety with WS Ferries watchstander. Scuba park: notify Public Works and/or Sheriff to ensure divers are evacuated before deployment. Request exemption to no-motorized-boat policy in area.

Watercourse: Puget Sound - Sunset Beach

Resources at Risk: City Park, Eelgrass, Forage Fish, Historic Register Site, Kelp Beds, Shellfish, Shorebirds, Waterfowl



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Brackett's Landing (Edmonds Ferry) CPS-1



CPS-1 Photo: From paved trail near rock jetty, looking W towards ferry dock. Taken at +4ft tide.



Site Contact

City of Edmonds Public Works
Emergency Contact : Daytime Office
425-771-0235

Washington State Ferries
Call for Local Conditions : Operations Watch Officer
206-515-3456

Nearest Address

100 Railroad Ave
Edmonds, WA 98020

Driving Directions

1. From Seattle, drive north on I-5 towards Edmonds.
2. Bear right onto the ramp at exit 177 to WA-104 toward Edmonds / Lake Forest Park (0.15 miles)
3. Keep left at the fork onto WA-104 W toward Edmonds (0.32 miles)
4. Keep right to continue on WA-104 W/Edmonds Way, follow signs for Kingston Ferry (1.1 mi)
5. Keep left to continue on Sunset Ave (0.2 mi)
6. Turn left onto Main St (240 ft)
7. Use the right lane to turn right onto Railroad Street, into parking area across rail tracks.

Edmonds Marsh - Willow/Shellabarger Creek culvert CPS-2

Position - Location:	47° 48.369', -122° 23.473'	47° 48' 22.1", -122° 23' 28.4"	47.80615, -122.39122	Edmonds

Strategy Objective: Exclusion : Keep oil out of Edmonds Marsh, Willow Creek, and Shellabarger Creek

Implementation: Cut barbed-wire fence or lock to access small drainage pond in parking lot, NW of railroad tracks. Anchor boom and back with sorbent. As time allows, install culvert block.

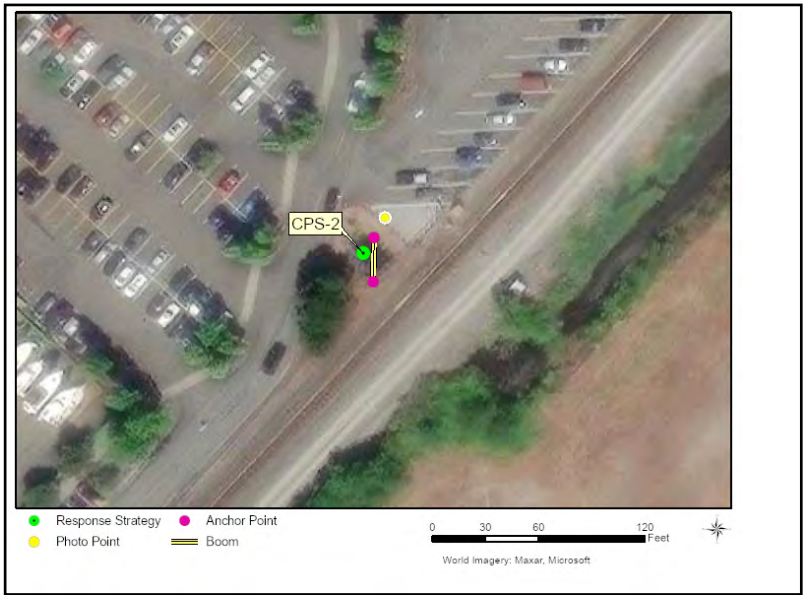
Staging Area: Onsite: Stage onsite in parking lot at Edmonds Marina.

Site Safety: Road traffic; Railroad traffic; Steep Slopes; Slips, Trips, Falls

Field Notes: DO NOT CROSS RAILROAD TRACKS. Small drainage area between parking lot and railroad tracks. Steep slope at site, use caution.

Watercourse: Creek - Willow Creek and Shellabarger Creek

Resources at Risk: County Park, Eelgrass, Herons, Shorebirds, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
1	Each	Bolt Cutters
100	Feet	Boom - B3 (Contractor Boom) or equivalent
20	Feet	Boom - Sorbent
1	Each	Vac Truck or Skimmer and Storage (if collection)

Recommended Personnel

2	Laborer
1	Supervisor

Edmonds Marsh - Willow/Shellabarger Creek culvert CPS-2



CPS-2 Photo: From parking area, looking NW into fenced pond.



Site Contact

City of Edmonds Public Works
Land/Property Contact : Daytime Office
425-771-0235

Port of Edmonds
Security Contact : Security Afterhours
425-508-7490

Nearest Address

488 Admiral Way
Edmonds, WA 98020

Driving Directions

1. Start at I-5 N Seattle
2. Go on I-5 N toward exit 177 (0.3 miles)
3. At exit 177 bear right onto ramp to WA-104 W toward Edmonds / Lake Forest Park (4.1 miles)
4. At fork keep right to continue on WA-104 W/Kingston Ferry (1.1 miles)
5. Do not enter the ferry lanes
6. Turn left on W Dayton St (0.17 miles)
7. Bear left on Admiral Way (0.32 miles)
8. Turn left at stop sign (towards Dry Storage/Marina Beach Park)
9. Take the second left into the trailer parking area 8, next to the train tracks.
10. The site is in the small fenced area next to the striped-off space, in the furthest south trailer space.

Piper's Creek at Carkeek Park — CPS-3

Position - Location:	47° 42.662', -122° 22.811'	47° 42' 39.7", -122° 22' 48.6"	47.71104, -122.38018	Seattle

Strategy Objective: Exclusion : Keep oil out of Piper Creek tide pools

Implementation: At high tide, using shallow workboat, secure 500ft of boom to rip-rap at rail tracks, at A. Extend across creek entrance and secure to sandbar at B. Pull midpoint SW to create chevron. At any tide, stake sorbent across creek on both sides of tidepool. Adjust boom as needed for conditions and drainage.

Staging Area: Remote: Launch boats from Shilshole. Land access from parking area across staircase.

Site Safety: Active Railroad; Shallow Tideflats; Public Beach; Slips, Trips, Falls; Water Hazard

Field Notes: Sorbent by land only at low tide. Sand/gravel beach, creek alignment changes frequently.

Watercourse: Creek - Piper's Creek at Puget Sound

Resources at Risk: City Park, Eelgrass, Salmonids



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Piper's Creek at Carkeek Park CPS-3



CPS-3 Photo: From boat on Puget Sound, looking NE at creek entrance and anchoring points. Taken at +6 ft tide.



Site Contact

Seattle Parks Duty Officer
Emergency Contact : has key to gates

Seattle, WA
206 982 4583

Nearest Address

950 NW Carkeek Park Rd
Seattle, WA 98177

Driving Directions

1. From downtown Seattle, take I-5 North towards Greenwood.
2. Bear right onto the ramp at exit 172 to N 85th St toward Aurora Ave N (0.27 miles)
3. Bear left on N 85th St (0.81 miles)
4. Turn right on Aurora Ave N (WA-99) (1 miles)
5. Turn left on N 105th St (0.5 miles)
6. Turn right on Greenwood Ave N (0.25 miles)
7. Turn left on N 110th St (0.38 miles)
8. Bear right on NW Carkeek Park Rd (0.46 miles)
9. Turn left at the 3 way stop at NW 114th St to stay on NW Carkeek Park Rd (0.05 miles)
10. Enter Carkeek Park - at the next stop, continue straight / stay to the right to follow the one-way road west to the water. (0.25 miles)
11. Park by the staircase over the railroad tracks. Take staircase to Piper Creek culvert.

Meadowdale Beach Park — CPS-4

Position - Location:	47° 51.598', -122° 20.106'	47° 51' 35.9", -122° 20' 6.4"	47.85996, -122.33510	Seattle

Strategy Objective: Exclusion : Keep oil out of Lunds Gulch Creek

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

Staging Area: Remote: Stage equipment at SA-CPS-30 Golden Gardens Boat Ramp at Shilshole Marina (7001 Seaview Ave NW, Seattle, WA 98117).

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

Field Notes: A large habitat restoration project was completed in 2022. Call Snohomish County contacts before deployment. / If on-water conditions are unsafe, deployment by land is possible via the ADA access road on south side of park. Call county for gate code.

Watercourse: Puget Sound - Lunds Gulch Creek

Resources at Risk: County Park, Crabs, Estuary Resources, Forage Fish, Raptors, Resident Fish, Salmonids, Shellfish



Recommended Equipment

3	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

Meadowdale Beach Park CPS-4



CPS-4 Photo: From beach, looking southeast towards creek mouth over low train bridge. Photo was taken in early March.



Site Contact

Snohomish County DEM
Municipality (County/City) : LEPC Coordinator
425-388-5073

Snohomish County
Municipality (County/City) : Dept. of Conservation and Natural Resources
425-388-6600

Nearest Address

8001 Seaview Avenue
Seattle, WA 98117

Driving Directions

To SA-CPS-30 (for boat deployment):
1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 169 for NE 50th St (300 ft)
2. Turn left onto NE 50th St (0.9 miles)
3. Bear left on Green Lake Way N (0.36 miles)
4. Bear right on N 46th St (0.42 miles)
5. Continue on N Market St (2.08 miles)
6. Bear left on NW 54th St (0.33 miles)
7. Continue on Seaview Ave NW (NW 54th St) (1.45 miles)
8. Follow Seaview Ave past marina and use left-hand turn lane to turn left to boat ramp. Parking likely to be full on weekends; extremely heavy traffic in the summer.

To ADA access road (for land deployment):
1. Head north on I-5
2. Take exit 179
3. Take 76th Ave W to 75th Pl W in Edmonds

Rose Point — CPS-5

Position - Location:	47° 51.271', -122° 30.503'	47° 51' 16.3", -122° 30' 30.2"	47.85452, -122.50839	Kingston

Strategy Objective: Exclusion : Keep oil out of stream.

Implementation: Using workboat, deploy 200ft boom at anchor point A. Then extend boom north and secure end near anchor point C. Near boom midpoint, use workboat to pull boom east, creating a chevron, and set near anchor point B. Use anchoring systems as needed to keep boom secure. Adjust boom angle and anchor points as needed for conditions. Use anchor posts, existing structures, or trees to secure boom to riverbank.

Staging Area: Remote: Stage equipment at SA-CPS-10 (25878 Washington Blvd NE, Kingston, WA 98346).

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

Field Notes: Mid Sound Fisheries Enhancement Group completed a restoration project here in 2024. Notify this organization as well as the homeowner before deployment.

Watercourse: Puget Sound - Between Pilot Point and Apple Cove Point

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



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
200	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

Rose Point CPS-5



CPS-5 Photo: From the shoreline, looking south towards stream and restored space. Photo taken in November.



Site Contact

Homeowner (Rose Point)
Land/Property Owner :
360-689-8674

Mid Sound Fisheries Enhancement Group
Land/Property Contact :
206-226-2548

Nearest Address

25878 Washington Blvd NE
Kingston, WA 98346

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Kingston Cove Marina (SABL-CPS-10):
1. Start at WA-3 N Poulsbo
2. Go on WA-3 N (3.41 miles)
3. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (0.64 miles)
5. Turn left on Bond Rd NE (WA-307) (5.25 miles)
6. Continue on WA-104 (Bond Rd NE) (3.91 miles)
7. Turn right on Washington Blvd NE (200 ft)
8. Proceed strait into Port of Kingston parking lot. Boat launch is located at far SW corner.

Appletree Cove (Kingston) - Flood Tide CPS-10f

Position - Location:	47° 47.573', -122° 30.049'	47° 47' 34.4", -122° 30' 3.0"	47.79288, -122.50082	Kingston

Strategy Objective: Exclusion : Keep oil out of Appletree Cove at high tide

Implementation: Using shallow-water workboat, attach 1800 ft of boom to shore at rip-rap breakwater, at A. Extend west across entrance to Cove and secure other end to dock pilings, at B. Pull midpoint south to create chevron and set anchor at C. If possible minimize prop usage, rope swath, and anchor dragging to protect eelgrass beds in area. Adjust as needed for conditions. If vessel traffic access is needed, open chevron and overlap boom ends.

Staging Area: Onsite: Kingston Marina & Boat Launch is onsite

Site Safety: Shallow Tideflats; Slips, Trips, Falls; Water Hazard; Recreational Vessel Traffic

Field Notes: Area is very shallow at low tide, wait for mid-to-high tide to deploy. Waders may be needed close to shore if ropes can't be thrown.

Watercourse: Cove - Appletree Cove at Puget Sound

Resources at Risk: Eelgrass, Marina, Mud Flat(s), Salmonids, Shellfish



Recommended Equipment

6	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1800	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Appletree Cove (Kingston) - Flood Tide CPS-10f



CPS-10f Photo: Western anchor point options (B). Taken at high tide, +11.7ft.



Site Contact

Port of Kingston
Primary Contact :

Kingston, WA 98346
360-297-3545

Nearest Address

25878 Washington Boulevard NE
Kingston, WA 98346

Driving Directions

1. Start at WA 3 Poulsbo
2. Go northeast on WA-3
3. Take ramp on the right to WA-305 S toward Poulsbo/Bainbridge Island
4. At fork keep right on WA-305 S toward Poulsbo/Bainbridge Island/Kingston
5. Bear right on WA-305
6. Turn left on WA-307 (Bond Rd NE)
7. Continue on WA-104 (Bond Rd NE)
8. Make sharp right on Washington Blvd NE
9. Finish at 25878 Washington Boulevard NE, 98346, on the left

Carpenter Creek Estuary (Kingston) CPS-11e

Position - Location:	47° 47.696', -122° 30.422'	47° 47' 41.7", -122° 30' 25.3"	47.79493, -122.50704	Kingston

Strategy Objective: Exclusion : Keep oil out of Carpenter Creek Estuary

Implementation: Secure 200ft of boom to shore on south side of bridge, at A. Walk line across bridge and secure boom to north side, at B. If tide allows, pull midpoint of boom NE and set anchor to make chevron. Back with sorbent. Adjust boom angle and anchor points as needed for conditions.

Staging Area: Onsite: Stage at parking area of Arness Roadside Park.

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

Field Notes: Shallow or dry tideflats except at high tide. Boat ramp at ferry dock if needed. County parking lot 150ft walk to bridge. Sidewalk on bridge to pass rope.

Watercourse: Salt Marsh - Appletree Cove

Resources at Risk: County Park, Marsh, Salmonids, Sensitive Resources Nearby



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Carpenter Creek Estuary (Kingston) CPS-11e



CPS-11e Photo: From bridge, looking east at chevron. Photo taken during drill in September 2024.



Site Contact

Kitsap County Parks Department
Land/Property Contact : Property Managers

Port Orchard, WA 98366
360-337-5350

Nearest Address

25720 S Kingston Rd NE
Kingston, WA 98346

Driving Directions

1. Take ferry from Edmonds to Kingston
2. From ferry, take lanes on right towards NE WA-104 (0.28 miles)
3. Turn left on Iowa Ave NE (0.04 miles)
4. Bear right on NE West Kingston Rd (0.62 miles)
5. Turn left on S Kingston Rd NE (0.04 miles)
6. Turn left into parking area for Arness Roadside Park

Doe-Kag-Wats Marsh (Port Madison) CPS-12

Position - Location:	47° 44.690', -122° 29.743'	47° 44' 41.4", -122° 29' 44.6"	47.74484, -122.49572	Suquamish

Strategy Objective: Exclusion : Keep oil out of marsh

Implementation: Using workboat, secure 1000ft of boom to western shore, at A. Extend east across inlet and secure to opposite shore, at C. Pull boom midpoint south into Port Madison and set anchor at B to create chevron. Stake sorbent across narrow channel. Adjust boom angle and anchor points as needed for conditions. If product collects on shore, collect from road at A.

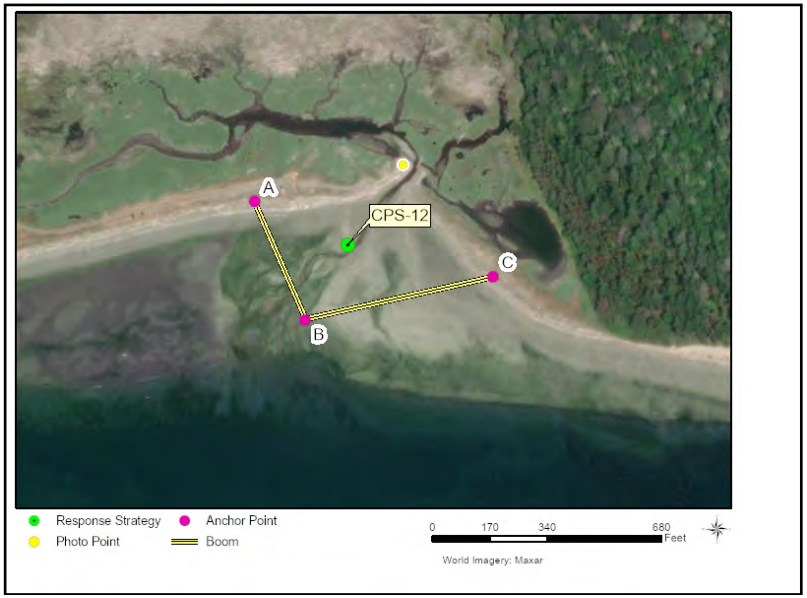
Staging Area: Remote: Stage and launch from Charles Lawrence Memorial Boat Ramp (Suquamish Tribe). Can also stage onsite.

Site Safety: Fast Tidal Current; Water Hazard; Slips, Trips, Falls

Field Notes: Strong tide current into marsh. Road access through Camp Indianola. Could drive vac truck to site if product collects.

Watercourse: Puget Sound - Port Madison

Resources at Risk: Herons, Marsh, Raptors, Salmonids, Sensitive Resources, Shorebirds, Tribal Lands/Resources, Waterfowl



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (Contractor Boom) or equivalent
100	Feet	Boom - Sorbent
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
4	Laborer
1	Supervisor

Doe-Kag-Wats Marsh (Port Madison) CPS-12



CPS-12 Photo: Doe-Kag-Wats Marsh narrow entrance channel from land, looking SW. Taken at +6ft tide.



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

DIRECTIONS TO SUQUAMISH TRIBE BOAT RAMP:
1. From Silverdale, take WA-3 N towards Poulsbo
2. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
3. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (4.66 miles)
4. Turn left on NE Totten Rd (2.16 miles)
5. Bear left on Suquamish Way NE (0.93 miles)
6. Continue on NE South St (0.03 miles)
7. Slight right into parking lot/NE Parkway St
8. Entrance to ramp/turnaround at far end of lot next to dock.

DRIVING DIRECTIONS FROM BOAT RAMP TO SITE - SUQUAMISH ESCORT REQUIRED:
1. Turn right out of parking lot onto Augusta Ave NE (0.8 miles)
2. Continue onto Miller Bay Rd NE (2.5 miles)
3. Turn right onto Indianola Rd NE (3.2 miles)
4. Turn left onto NE Shore Dr (1.5 miles)
5. Site is past Camp Indianola.

Outer Miller Bay — CPS-13

Position - Location:	47° 44.791', -122° 33.300'	47° 44' 47.4", -122° 33' 18.0"	47.74651, -122.55500	Suquamish

Strategy Objective: Exclusion : Keep oil out of Miller Bay

Implementation: Using workboat, secure 800ft of boom to north shore, at A. Extend SW across inlet and secure to south shore at C. Pull boom midpoint SE into Puget Sound and set anchor at B to create chevron. Adjust boom angle and anchor points as needed for conditions.

Staging Area: Remote: Stage and launch from Suquamish Tribe Boat Launch.

Site Safety: Driftwood Log Pile; Slips, Trips, Falls; Water Hazard

Field Notes: Contact Suquamish Tribe before arrival. Boat access from Miller Bay, East of Indianola, or private launch in Suquamish

Watercourse: Puget Sound - Miller Bay

Resources at Risk: Eelgrass, Fish Hatchery, Forage Fish, Herons, Marsh, Salmonids, Shellfish, Tribal Lands/Resources, Waterfowl



Recommended Equipment

4	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) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Outer Miller Bay CPS-13



CPS-13 Photo: From north shore of inlet, looking SW across entrance to Miller Bay. Taken at +9ft tide.



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

DRIVING DIRECTIONS TO SUQUAMISH TRIBE BOAT LAUNCH:
1. From Silverdale, take WA-3 N towards Poulsbo
2. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
3. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (4.66 miles)
4. Turn left on NE Totten Rd (2.16 miles)
5. Bear left on Suquamish Way NE (0.93 miles)
6. Continue on NE South St (0.03 miles)
7. Slight right into parking lot/NE Parkway St
8. Entrance to ramp/turnaround at far end of lot next to dock.

Old Man House Park (Port Madison) CPS-14

Position - Location:	47° 43.421', -122° 33.437'	47° 43' 25.2", -122° 33' 26.2"	47.72368, -122.55728	Suquamish

Strategy Objective: Exclusion : Keep oil off the beach near Old Man House Park

Implementation: Using shallow workboat, secure 1000 ft section of boom to shore near A (47.7245, -122.5564), preferably to existing features. Extend boom West to shore and secure near B (47.7235, -122.5587), preferably to existing features. Pull loose boom south and set anchors in channel in a trapezoid shape. Do not adjust shoreside anchor points and do not disturb soil. Use additional in-line anchors as needed for conditions.

Staging Area: Remote: Stage at Suquamish Tribe boat launch - call ahead.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: If possible use buoys and pilings to secure boom. Minimize prop scour and rope cutting of eelgrass bed. Beach anchoring on private property/vacation homes. Notify Suquamish Tribe before deployment.

Watercourse: Puget Sound - Agate Passage

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



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Old Man House Park (Port Madison) CPS-14



CPS-14 Photo: Aerial photo of beach near Old Man House Park, looking West. Boom drawn to shoreside anchor points and buoys in water.



Site Contact

Suquamish Tribe
Tribal Contact : Emergency Management
360-271-4403

Suquamish Tribe
Tribal Contact : Natural Resources
360-394-8450

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

Directions to Suquamish Tribe Boat Ramp & Staging Area:
1. Start at WA 3 Poulsbo
2. Go northeast on WA-3
3. Take ramp on the right to WA-305 S toward Poulsbo/Bainbridge Island
4. At fork keep right on WA-305 S toward Poulsbo/Bainbridge Island/Kingston
5. Bear right on WA-305
6. Turn left on Suquamish Way NE
7. Turn left on Division Ave NE
8. Turn right on NE South St
9. Slight right into parking lot/NE Parkway
10. Entrance to ramp/turnaround at far end of lot next to dock.

Suquamish Seafoods CPS-20

Position - Location:	47° 42.364', -122° 34.702'	47° 42' 21.8", -122° 34' 42.1"	47.70606, -122.57836	Suquamish

Strategy Objective: Exclusion : Keep oil off of beach on either side of Suquamish Seafoods

Implementation: Secure 1300-ft section of boom to shore at Point A (47.70728, -122.57781), using existing structures if possible. Do not anchor west of this point. Use workboat to extend boom into Agate Passage and to the SW, clearing any shellfish beds that may interfere with boom or anchors. Secure remaining end of boom to shore at E (47.70564, -122.5802). Do not anchor east of this point. Adjust boom in water and use additional anchors as needed for conditions.

Staging Area: Remote: Stage at Suquamish Boat Ramp. Land access and parking on-site at Suquamish Seafoods/Chief Kitsap High School..

Site Safety: Shellfish Beds and Buoys; Slips, Trips, Falls; Water Hazard

Field Notes: Easiest at high tide. Shallow stream delta with seasonal shellfish beds. Priority is to protect upper beach.

Watercourse: Puget Sound - Agate Passage

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



Recommended Equipment

8	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1300	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Bridle(s) - Towing (appropriately sized for boom)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Suquamish Seafoods CPS-20



CPS-20 Photo: From shore at Suquamish Seafoods, looking SE at buoys on geoduck beds. Taken at 7' tide.



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

7222 NE Parkway
Suquamish, WA 98370

Driving Directions

Directions to Suquamish Tribe Boat Ramp/Staging:
1. From Silverdale, take WA-3 N towards Poulsbo
2. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
3. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (4.66 miles)
4. Turn left on NE Totten Rd (2.16 miles)
5. Bear left on Suquamish Way NE (0.93 miles)
6. Continue on NE South St (0.03 miles)
7. Slight right into parking lot/NE Parkway St
8. Entrance to ramp/turnaround at far end of lot next to dock.

Sandy Hook (Kiana Lodge dock) CPS-21

Position - Location:	47° 42.116', -122° 34.935'	47° 42' 7.0", -122° 34' 56.1"	47.70194, -122.58225	Suquamish

Strategy Objective: Exclusion : Keep oil out of backbay at Sandy Hook

Implementation: Secure 500-ft section of boom to dock at high water mark, using piling bridle/rope to tie to existing structures, at Point A (47.70756, -122.5829). Use workboat to extend boom SE into water, anchoring offshore at midpoint. Extend remaining boom south to Point C (47.70137, -122.58225) at Kiana Lodge dock, securing to dock piling or fencepost onshore. Do not move shoreside anchor locations. Adjust boom angle or use additional anchors, as needed for conditions.

Staging Area: Remote: Stage at Suquamish Tribe Boat Launch. Walking access to Kiana Lodge dock.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Shallow water with small entrance to tidal estuary at Kiana Lodge (Suquamish Tribe) property.

Watercourse: Puget Sound - Agate Passage

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



Recommended Equipment

500	Feet	Boom - B2 (Contractor Boom) or equivalent
2	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Bridle(s) - Towing (appropriately sized for boom)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Sandy Hook (Kiana Lodge dock) CPS-21



CPS-21 Photo: From Kiana Lodge dock near shore, looking N across entrance to backwater, towards Point A. Taken at 9' tide.



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

Directions to Suquamish Tribe Boat Ramp/Staging:
1. From Silverdale, take WA-3 N towards Poulsbo
2. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
3. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (4.66 miles)
4. Turn left on NE Totten Rd (2.16 miles)
5. Bear left on Suquamish Way NE (0.93 miles)
6. Continue on NE South St (0.03 miles)
7. Slight right into parking lot/NE Parkway St
8. Entrance to ramp/turnaround at far end of lot next to dock.

Keyport Lagoon CPS-22

Position - Location:	47° 41.879', -122° 37.166'	47° 41' 52.8", -122° 37' 10.0"	47.69799, -122.61944	Keyport

Strategy Objective: Exclusion : Keep oil out of lagoon

Implementation: Secure 100ft section of boom to shore at the bay side of wooden pedestrian bridge, on the north end, at A. Use line to extend boom south to opposite side of bridge and secure to shore, at B. Back with sorbent. Adjust as needed for conditions.

Staging Area: Onsite: US Navy property, advance notice and escort required. Stage at road shoulder nearby.

Site Safety: US Navy Property; Road Traffic; Slips, Trips, Falls; Water Hazard; Vegetation

Field Notes: US Navy property, escort required. Opening under wooden bridge allows high tidal flow into/out of lagoon.

Watercourse: Lagoon - Keyport Lagoon at Port Orchard

Resources at Risk: Forage Fish, Marine Birds, Salmonids, Sensitive Resources Nearby, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (Contractor Boom) or equivalent
100	Feet	Boom - Sorbent
100	Feet	Line - 3/8” poly line

Recommended Personnel

2	Laborer
1	Supervisor

Keyport Lagoon CPS-22



CPS-22 Photo: From anchor point B at bridge, looking North across lagoon entrance towards A. Taken at 7' tide.



Site Contact

Navy On Scene Coordinator (NOSC)
Pre-Notification Required : Duty phone - base access
360-340-5991

Puget Sound Naval Shipyard / NBK
Secondary Contact : Spill Team Duty Phone
360-552-5590

Nearest Address

100 Bushnell Dr
Keyport, WA 98345

Driving Directions

1. Start at WA-3 N Bremerton
2. Take WA-3 N towards Silverdale/Keyport
3. Take ramp on the right to WA-308 E toward Keyport / Naval Base Kitsap / Bangor/Keyport (0.23 miles)
4. At fork keep right on WA-308 E toward Keyport / Naval Base Kitsap Keyport (0.29 miles)
5. Turn right on WA-308 (NW Luoto Rd) (3.32 miles)
6. Continue on Strom Ave (0.01 miles)
7. Stop at the gate for US Naval Base Kitsap-Keyport. Wait for escort.
8. Continue on Strom Ave (0.2 miles)
9. Turn right on Bushnell Dr (C St) (0.2 miles)
10. Continue south to intersection with 4th street. Strategy is directly ahead on wooden bridge.

US Navy Keyport Boat Ramp — CPS-23

Position - Location:	47° 42.133', -122° 36.845'	47° 42' 8.0", -122° 36' 50.7"	47.70222, -122.61409	Keyport

Strategy Objective: Collection : Collect oil moving towards Liberty Bay

Implementation: Using workboat, secure 800ft of boom to end of boat ramp, at C. Extend boom to end of boat ramp and set inline anchor at B to create collection pocket. Extend remaining boom E/SE into channel and set anchor at C. Collect oil at boat ramp. Adjust boom angle and use additional anchors as needed for conditions.

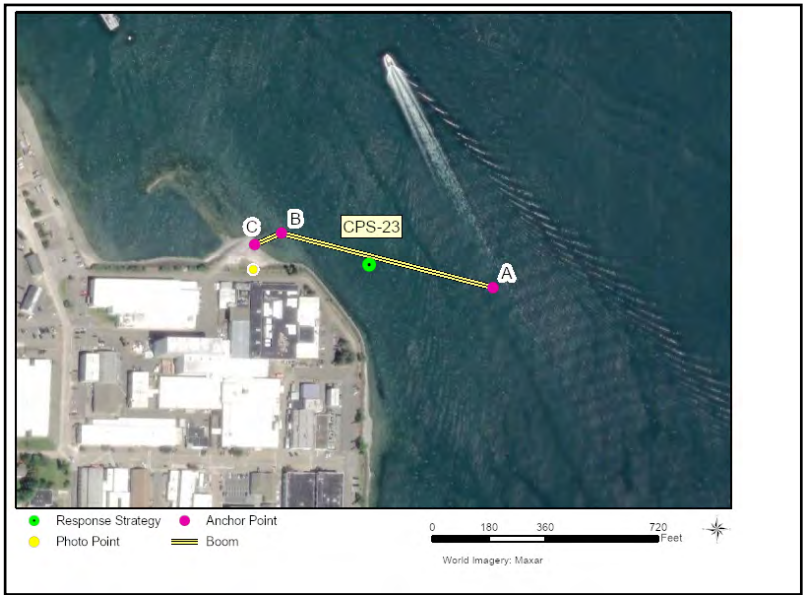
Staging Area: Onsite: Contact US Navy to access base. Stage onsite, using boat ramp, launch onsite or from Keyport ramp.

Site Safety: US Navy Base; Traffic Hazard; Rip-Rap; Slips, Trips, Falls; Water Hazard

Field Notes: US Navy escort required. Navy boat ramp access from Esplanade Ave. Can also launch from Keyport boat ramp.

Watercourse: Bay - Ne Si Ka Bay (near Liberty Bay)

Resources at Risk: Forage Fish, Marine Birds, Salmonids, Shellfish, Waterfowl



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

US Navy Keyport Boat Ramp CPS-23



CPS-23 Photo: From shoulder of Esplanade, pointed North, overlooking boat launch (Point A). Taken at 0' tide.



Site Contact

Navy On Scene Coordinator (NOSC)
Pre-Notification Required : Duty phone - base access
360-340-5991

Puget Sound Naval Shipyard / NBK
Secondary Contact : Spill Team Duty Phone
360-552-5590

Nearest Address

Esplanade Ave
Keyport, WA 98345

Driving Directions

1. From Bremerton, head north on WA-3 N towards Silverdale/Keyport
2. Take ramp on the right to WA-308 E toward Keyport / Naval Base Kitsap / Bangor/Keyport (0.23 miles)
3. At fork keep right on WA-308 E toward Keyport / Naval Base Kitsap-Keyport (0.29 miles)
4. Turn right on WA-308 (NW Luoto Rd) (3.32 miles)
5. Continue on Strom Ave (0.2 miles)
6. Stop at gate entrance to Naval Base Kitsap-Keyport and wait for escort to proceed through gate.
7. Continue on Strom Ave through base, then turn right on Dedrick Dr (0.07 miles)
8. Turn left on Esplenade Ave (0.19 miles)
9. Boat launch is on the left.

Burke Bay Lagoon — CPS-24

Position - Location:	47° 39.052', -122° 37.111'	47° 39' 3.1", -122° 37' 6.6"	47.65086, -122.61851	Bremerton

Strategy Objective: Exclusion : Keep oil out of Burke Bay tidal lagoon

Implementation: Using roadway, extend 200ft section of boom across inlet into lagoon, on Illahee Rd bridge. Secure boom ends to bridge using line and natural anchor points, or shoreside anchoring systems. Back lagoon side with sorbent. Adjust boom and anchors as needed for tidal conditions. At high tide, deploy using workboat launched at Brownsville Marina.

Staging Area: Remote: Stage and launch nearby at Brownsville Marina

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

Field Notes: Follow WSDOT procedures to close roadway for deployment. Narrow inlet underneath Illahee Rd bridge. Heavy tidal influence, dry at low tide.

Watercourse: Lagoon - Burke Bay - Tidal Lagoon

Resources at Risk: Backwater Habitat, Forage Fish, Herons, Marine Birds, Raptors



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (Contractor Boom) or equivalent
100	Feet	Boom - Sorbent
200	Feet	Line - 3/8” poly line
1	Each	Workboat(s) - shallow-water

Recommended Personnel

2	Laborer
1	Supervisor

Burke Bay Lagoon CPS-24



CPS-24 Photo: From Marina side of Burke Bay, looking SW towards lagoon. Taken at -1ft low tide.



Site Contact

Kitsap County DEM
Emergency Contact : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

9710 Brownsville Hwy NE
Bremerton, WA 98311

Driving Directions

DIRECTIONS TO PORT OF BROWNSVILLE MARINA STAGING:
1. Start at WA 16 Port Orchard
2. Go west on WA-16
3. Continue on WA-3
4. At exit 45B take ramp on the right to WA-303 S toward E Bremerton
5. Bear right on WA-303 (NW Waaga Way)
6. Turn left on Brownsville Hwy NE
7. Turn right on Ogle Rd NE
8. Turn left into large trailer parking lot at 9807 Ogle Rd NE, Bremerton.

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DIRECTIONS TO STRATEGY AT ILLAHEE ROAD BRIDGE:
1. From parking lot, turn right onto Ogle Street.
2. Turn left at the next intersection onto Brownsville Hwy NE
3. Immediately turn left onto Illahee Rd.
4. Bridge is 1/4 mile from intersection.

Lake Union - Montlake Cut — CPS-30

Position - Location:	47° 38.836', -122° 18.446'	47° 38' 50.2", -122° 18' 26.8"	47.64727, -122.30744	Seattle

Strategy Objective: Collection : Collect oil from Lake Union or the Montlake Cut

Implementation: Using workboat, secure 400 ft section of boom to shore at southern side of Montlake Cut, at A. Extend Northeast, across cut, to large sign on opposite bank and secure to shore at B. Use guardrails or wire at waterline to secure to shore. Use additional inline anchoring systems as needed to secure boom. If oil is traveling from Lake Washington to Lake Union, consider reversing angle of boom. Collect from shore at B, parking vac truck or totes at top of staircase.

Staging Area: Onsite: Stage and launch from Sunnyside Ave N Boat Ramp. Collect behind UWMC/Education Bus Drop Off.

Site Safety: 14' Height Road Clearance; Boat Traffic; Recreational Areas; Slips, Trips, Falls; Water Hazard

Field Notes: Concrete bulkheads with thick metal wire at water, elevated trails and guardrails both sides. Southern side has a ledge at waterline. Vac truck access from UWMC at top of staircase - 14' Max Height.

Watercourse: Canal - Montlake Cut - Ship Canal

Resources at Risk: Historic Register Site, Recreational Use Area, Salmonids, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Bridle(s) - Towing (appropriately sized for boom)
1	Each	Pump(s)
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Lake Union - Montlake Cut CPS-30



CPS-30 Photo: From south side of Cut at A, looking NW towards UW and collection point (white sign) at anchor point B. Note water-level ledge in foreground.



Site Contact

University of Washington Botanic Gardens
Land/Property Contact :
3501 NE 41st Street
Seattle, WA 98105
206-543-8616

Nearest Address

1701 NE Columbia Rd
Seattle, WA 98195

Driving Directions

DIRECTIONS FOR VAC TRUCK TO COLLECTION SITE AT UWMC - 1701 NE Columbia Rd:
1. From downtown Seattle, take I-5 N towards U-District
2. Take exit 168B and go on WA-520 toward Bellevue / Kirkland (0.85 miles)
3. Take the ramp on the right toward Montlake Blvd / Univ of Wash / Hospital (0.22 miles)
4. Turn left on Montlake Blvd E (0.35 miles)
5. Turn left on NE Pacific St (0.07 miles)
6. Take the next left at the light (sign for Emergency Room) (0.15 miles)
7. Turn right on Columbia Rd (0.16 miles)
8. At the stop sign, stay straight to continue down the hill on Frontage Road (0.08 miles)
9. At the next stop sign, turn right onto NE Columbia Rd (signs towards South Campus Center).
10. At the roundabout, take the second right, follow the utility road down the hill to loading dock for Haring Center.

Boat launch available at Sunnyside Ave N (Pacific at 36th on the way to Gas Works Park).

Lake Union - Tenas Chuck Houseboats CPS-31

Position - Location:	47° 38.454', -122° 19.834'	47° 38' 27.2", -122° 19' 50.0"	47.64090, -122.33056	Seattle

Strategy Objective: Exclusion : Keep oil out of Tenas Chuck Historic District Houseboats

Implementation: Using workboat, secure 1400 ft section of boom to shore at Lynn Street Mini Park, at A. Extend West into Lake Union to clear dock and set anchor at B, then continue to pull boom North and set anchors to clear docks. Secure remaining boom end to shore at E, Eastlake Boulodrome Park. Use additional anchoring systems as needed to secure boom.

Staging Area: Remote: Stage and launch from Sunnyside Ave N boat launch; small parks onsite

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

Field Notes: Public parks at either end of anchor points, easy shore access. Active recreational boaters.

Watercourse: Lake - Lake Union

Resources at Risk: City Park, Economic Resources, Historic Register Site



Recommended Equipment

6	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1400	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Bridle(s) - Towing (appropriately sized for boom)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Lake Union - Tenas Chuck Houseboats CPS-31



CPS-31 Photo: From shore at Boulodrome Park (E), looking W at Lake Union and anchor point D. Historic homes are in between newer developments.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates

Seattle, WA
206 982 4583

Nearest Address

2301 N Northlake Way
Seattle, WA 98103

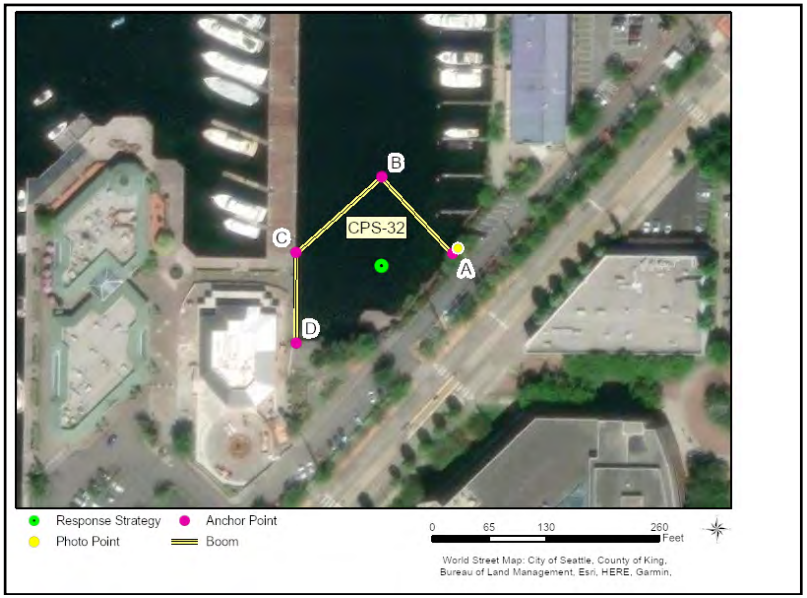
Driving Directions

DIRECTIONS TO SA/BL-CPS-405 (Sunnyside Ave N Boat Ramp):
1. From downtown Seattle, take I-5 N towards Wallingford
2. Take exit 169 and bear right onto ramp toward NE 45th St / NE 50th St (0.11 miles)
3. At fork keep right toward NE 45th St / Univ of Wash (0.38 miles)
4. Turn right on NE 45th St (0.11 miles)
5. Turn right on Roosevelt Way NE (0.26 miles)
6. Turn right on NE 42nd St (0.11 miles)
7. Turn left on 7th Ave NE (0.11 miles)
8. At the 5-way stop, go straight/right onto NE 40th St (0.08 miles)
9. Turn left on 6th Ave NE (0.07 miles)
10. Continue on NE Northlake Way (0.52 miles)
11. Boat ramp is on the left at 2301 N Northlake Way, 98103

Lake Union I-5 Outfall — CPS-32

Position - Location:	47° 37.685', -122° 19.952'	47° 37' 41.1", -122° 19' 57.1"	47.62808, -122.33253	Seattle

Strategy Objective:	Collection : Collect oil from Lake Union
Implementation:	Using workboat, secure 400 ft of boom to shore at walkway/southeastern dock. Extend boom across waterway and secure to shore at base of western dock. Pull midpoint of boom north towards lake and anchor mid-channel. Use additional piling bridles or anchors as needed to adjust for moored boats. Tie sorbent across outfall under viewing platform. Collect product using on-water skimmer or vac truck in parking lot.
Staging Area:	Onsite: Parking lots and docks onsite. Launch from Sunnyside boat ramp.
Site Safety:	Slips, Trips, Falls; Water Hazard; Boat Traffic; Roadway Hazard
Field Notes:	Notify SPU so they can monitor the treatment system at the outfall. Private docks next to public walkway. Outfall is under pedestrian platform.
Watercourse:	Lake - Lake Union
Resources at Risk:	City Park, Historic Register Site, Salmonids



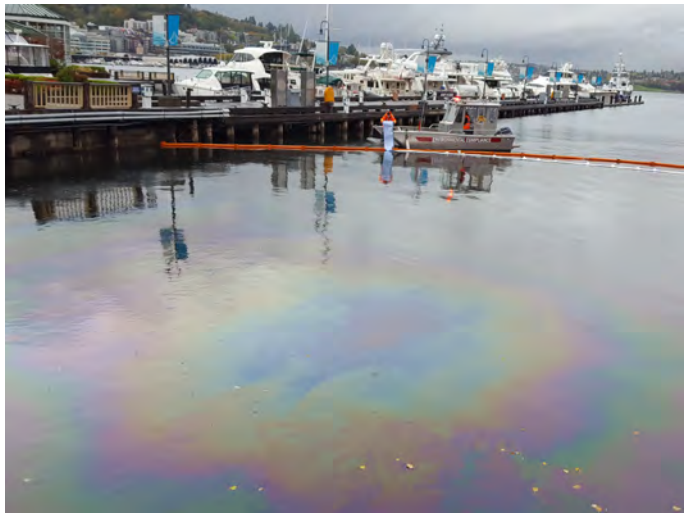
Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
400	Feet	Boom - B2 (Contractor Boom) or equivalent
100	Feet	Boom - Sorbent
3	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Lake Union I-5 Outfall CPS-32



CPS-32 Photo: From shore, looking east at anchor point D with boom deployed.



Site Contact

Seattle Public Utilities
Primary Contact : Operations Response Center

Seattle, WA
206-386-4020

Nearest Address

1001 Fairview Ave N
Seattle, WA 98109

Driving Directions

1. From SeaTac, drive north on I-5 towards SEattle.
2. Bear left onto the ramp at exit 167 toward Mercer St / Seattle Center (0.66 miles)
3. Turn right on Fairview Ave N (0.33 miles)
4. Turn left into parking parallel to waterway.

Lake Union - Aurora Bridge Floating Homes CPS-33

Position - Location:	47° 38.743', -122° 20.786'	47° 38' 44.6", -122° 20' 47.2"	47.64571, -122.34644	Seattle

Strategy Objective: Exclusion : Keep oil away from historic floating home at southeast end of Aurora Bridge

Implementation: Using workboat, secure 600 ft section of boom to dock at Diamond Marina, at A. Extend boom NW and anchor to clear dock, at B. Continue boom West past the floating homes and anchor to clear, at C. Extend remaining end of boom SW under Aurora Bridge, clearing the coffer dam and anchoring onshore, at D. Use additional anchoring systems as needed to secure boom in water.

Staging Area: Remote: Stage and launch from Sunnyside Ave N Boat Ramp

Site Safety: Houseboats; Boat Traffic; Slips, Trips, Falls; Water Hazard

Field Notes: Coffer dam under bridge will not prevent oil. Diamond Marina owns dock at eastern anchor point. Houseboat community is called Westlake Cove.

Watercourse: Lake - Lake Union

Resources at Risk: Economic Resources, Historic Register Site



Recommended Equipment

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

Lake Union - Aurora Bridge Floating Homes CPS-33



CPS-33 Photo: From houseboat at C, looking SW at coffer dam and shoreside anchor point D.



Site Contact

Diamond Marina
Land/Property Contact : Dock owner

Seattle, WA 98109
206-284-4420

Nearest Address

2301 N Northlake Way
Seattle, WA 98103

Driving Directions

DIRECTIONS TO SA/BL-CPS-405 (Sunnyside Ave N Boat Ramp):
1. From downtown Seattle, take I-5 N towards Wallingford
2. At exit 169 bear right onto ramp toward NE 45th St / NE 50th St (0.11 miles)
3. At fork keep right toward N.E. 45th St. / Univ. of Wash. (0.18 miles)
4. Turn right on NE 45th St (0.05 miles)
5. Turn right on 8th Ave NE (0.26 miles)
6. Turn right on NE 42nd St (0.05 miles)
7. Turn left on 7th Ave NE (0.11 miles)
8. Bear right on NE 40th St (0.08 miles)
9. Turn left on 6th Ave NE (0.07 miles)
10. Continue on NE Northlake Way (0.52 miles)
11. Turn left into boat launch area at 2301 N Northlake Way, 98103

Ballard Locks - Large Lock — CPS-34

Position - Location:	47° 39.845', -122° 23.448'	47° 39' 50.7", -122° 23' 26.9"	47.66409, -122.39080	Seattle

Strategy Objective: Exclusion : Keep oil out of entrance to large lock at Chittenden Locks

Implementation: Contact locks and Kirby Marine before deployment for traffic safety. Using workboat, secure 600 ft section of boom to shore next to beginning of Kirby Marine dock, at A. Extend boom north and set anchor to clear dock, at B. Extend remaining boom northwest and secure to pilings at eastern end of large concrete lock, at C. Wrap remaining end of boom around pilings and secure to northern side of concrete lock using bollards or anchoring system. Use additional anchoring systems as needed to secure boom in water.

Staging Area: Remote: Stage and launch at 14th Ave NW boat ramp. Ask Kirby Tugs for extra staging room.

Site Safety: Lock; Spillway; Active Marina Traffic; Slips, Trips, Falls; Water Hazard

Field Notes: Contact USACE Lock Control Room before deploying. Eastern (Lake Union Side) entrance to large lock in Salmon Bay. Southern dock/anchor point is Fisherman's Terminal, leased by Kirby Marine. Heavy marine traffic area.

Watercourse: Bay - Salmon Bay / Ship Canal

Resources at Risk: Fish Ladder(s), Lock and Dam, Marina, Marine Mammals, Salmonids, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Ballard Locks - Large Lock CPS-34



CPS-34 Photo: From B, end of dock at Kirby Marine, looking N at C, end of large lock.



Site Contact

USACE - Seattle District
Pre-Notification Required :
206-764-6910

Kirby Offshore Marine
Land/Property Contact : Fisherman's Terminal Dock Owner
206-774-3600

Nearest Address

4400 14th Ave Northwest
Seattle, WA 98107

Driving Directions

DIRECTIONS TO SA/BL-CPS-400 (14th Ave NW Boat Ramp):
1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 167 (left exit)
3. At exit 167 bear left onto ramp toward Mercer St / Seattle Center (0.66 miles)
4. Continue on Mercer St (0.19 miles)
5. Turn right on Westlake Ave N (0.17 miles)
6. Turn right on Westlake Ave N (1.48 miles)
8. Turn right on 4th Ave N (0.17 miles)
9. Continue on Fremont Ave N (0.17 miles)
10. Turn left on Fremont Pl N (0.09 miles)
11. Continue on N 36th St (0.4 miles)
12. Continue on Leary Way NW (0.73 miles)
13. Turn left on NW 46th St (0.27 miles)
14. Turn left on 14th Ave NW (0.08 miles)
15. Finish at 4400 14th Ave Northwest, 98107

Ballard Locks - Small Lock — CPS-35

Position - Location:	47° 39.854', -122° 23.615'	47° 39' 51.2", -122° 23' 36.9"	47.66423, -122.39358	Seattle

Strategy Objective: Exclusion : Keep oil out of entrance to Small Lock at Hiram Chittenden Locks

Implementation: Using workboat, secure 800 ft section of boom to shore near abandoned Time Oil dock, at A. Extend boom north and set anchor to clear dock, at B. Extend remaining boom northwest and secure other end to bollard at eastern end of large concrete lock, at A. Use additional anchoring systems as needed to secure boom in water. Use extreme caution near spillway and exclusion zone chain.

Staging Area: Remote: Stage and launch at 14th Ave NW Boat Ramp

Site Safety: Active Marina; Dam Spillway; Slips, Trips, Falls; Water Hazard

Field Notes: Contact USACE Locks before deploying. Eastern/Lake Union side of small lock.

Watercourse: Canal - Ship Canal / Salmon Bay

Resources at Risk: Fish Ladder(s), Lock and Dam, Marine Mammals, Recreational Use Area, Salmonids, Waterfowl



Recommended Equipment

1	Each	Anchoring Post(s) - (shoreside)
3	Each	Anchoring System(s) - (anchor, lines, floats)
800	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Ballard Locks - Small Lock CPS-35



CPS-35 Photo: From shoreside, looking SE with edge of locks in foreground and abandoned pier in background.



Site Contact

USACE - Seattle District
Emergency Contact :

Seattle, WA 98134
206-764-6910

Nearest Address

4400 14th Ave Northwest
Seattle, WA 98107

Driving Directions

DIRECTIONS TO SA/BL-CPS-400 (14th Ave NW Boat Ramp):
1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 167 (left exit)
3. At exit 167 bear left onto ramp toward Mercer St / Seattle Center (0.66 miles)
4. Continue on Mercer St (0.19 miles)
5. Turn right on Westlake Ave N (0.17 miles)
6. Turn right on Westlake Ave N (1.48 miles)
8. Turn right on 4th Ave N (0.17 miles)
9. Continue on Fremont Ave N (0.17 miles)
10. Turn left on Fremont Pl N (0.09 miles)
11. Continue on N 36th St (0.4 miles)
12. Continue on Leary Way NW (0.73 miles)
13. Turn left on NW 46th St (0.27 miles)
14. Turn left on 14th Ave NW (0.08 miles)
15. Finish at 4400 14th Ave Northwest, 98107

Ballard Locks Spillway — CPS-36

Position - Location:	47° 39.889', -122° 23.799'	47° 39' 53.4", -122° 23' 47.9"	47.66482, -122.39665	Seattle

Strategy Objective: Exclusion : Keep oil out of spillway at Hiram Chittenden Locks

Implementation: Using workboat, secure 400 ft section of boom to bollard or pipes at eastern end of concrete lock, at A. Extend boom southwest across ship canal and set anchor near end of dock closest to spillway, at B. Secure remaining end of boom to shore at Lockhaven Marina at C. Use additional anchoring systems as needed to secure boom in water. Use extreme caution near spillway and exclusion zone chain.

Staging Area: Remote: Stage and launch at 14th Ave Boat Ramp.

Site Safety: Dam Spillway; Active Marina; Slips, Trips, Falls; Water Hazard;

Field Notes: Upstream of spillway at Ballard Locks, maintain safe distance. Contact USACE at Ballard locks before deploying.

Watercourse: Canal - Ship Canal at Chittenden Locks

Resources at Risk: Fish Ladder(s), Lock and Dam, Recreational Use Area, Salmonids, Sensitive Resources, Waterfowl



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Ballard Locks Spillway CPS-36



CPS-36 Photo: From locks, looking SW from anchor point A towards spillway and anchor point B at marina.



Site Contact

USACE - Seattle District
Emergency Contact :
206-764-6910

Lockhaven Marina
Secondary Contact : Marina Manager
206-283-6260

Nearest Address

4400 14th Ave Northwest
Seattle, WA 98107

Driving Directions

1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 167 (left exit)
3. At exit 167 bear left onto ramp toward Mercer St / Seattle Center (0.66 miles)
4. Continue on Mercer St (0.19 miles)
5. Turn right on Westlake Ave N (0.17 miles)
6. Turn right on 9th Ave N (0.04 miles)
7. Continue on Westlake Ave N (1.44 miles)
8. Turn right on 4th Ave N (0.17 miles)
9. Continue on Fremont Ave N (0.17 miles)
10. Turn left on Fremont Pl N (0.09 miles)
11. Continue on N 36th St (0.4 miles)
12. Continue on Leary Way NW (0.73 miles)
13. Turn left on NW 46th St (0.27 miles)
14. Turn left on 14th Ave NW (0.08 miles)
15. Finish at 4400 14th Ave Northwest, 98107

Ballard Locks Side Channel — CPS-37

Position - Location:	47° 40.120', -122° 24.258'	47° 40' 7.2", -122° 24' 15.5"	47.66866, -122.40430	Seattle

Strategy Objective: Exclusion : Keep oil out of shoreside channel

Implementation: Using workboat, tie 200ft section of boom to pilings at end of wooden breakwater barrier. Extend boom N across entrance to side channel, and secure to shore using pilings by private dock. Back with sorbent.

Staging Area: Remote: Stage and launch at Shilshole Marina, Eddie Vine Boat Ramp.

Site Safety: Commercial and Recreational Boat Traffic; Slips, Trips, Falls; Water Hazard

Field Notes: Downstream of locks and Ballard Bridge, on north shore. Potential for product to move through breakwall, through gaps in the boards, based on tide height. Will need to be monitored through tidal cycle.

Watercourse: Canal - Ship Canal west of Ballard Locks

Resources at Risk: Recreational Use Area, Sensitive Resources



Recommended Equipment

200	Feet	Boom - B2 (Contractor Boom) or equivalent
200	Feet	Boom - Sorbent
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

Ballard Locks Side Channel CPS-37



GRP CPS-37 (completed).

CPS-37 Photo: From shipping canal, looking E at private dock (A) and entrance to side channel (B).



Site Contact

USACE - Seattle District
Emergency Contact :

Seattle, WA 98134
206-764-6910

Nearest Address

8001 Seaview Avenue
Seattle, WA 98117

Driving Directions

Directions to Eddie Vine Boat Ramp/Shilshole Marina:
1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 169 for NE 50th St (300 ft)
2. Turn left onto NE 50th St (0.9 miles)
3. Bear left on Green Lake Way N (0.36 miles)
4. Bear right on N 46th St (0.42 miles)
5. Continue on N Market St (2.08 miles)
6. Bear left on NW 54th St (0.33 miles)
7. Continue on Seaview Ave NW (NW 54th St) (1.45 miles)
8. Follow Seaview Ave past marina and use left-hand turn lane to turn left to boat ramp.
Parking likely to be full on weekends; extremely heavy traffic in the summer.

Salmon Bay West Collection — CPS-38

Position - Location:	47° 40.156', -122° 24.430'	47° 40' 9.3", -122° 24' 25.8"	47.66926, -122.40716	Seattle

Strategy Objective: Collection : Collect oil moving downstream on the ship channel

Implementation: Using workboat, secure 400ft of boom to shore near water access, at A. Extend boom E to create collection pocket, then extend remaining boom SE into shipping canal and set anchor at C. Collect on-water using skimmer and storage. Adjust anchor points and boom angle as needed for conditions.

Staging Area: Remote: Stage and launch from Shilshole. Minimal difficult staging onsite.

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

Field Notes: On-water collection recommended. Street end is up steep cliff of blackberry.

Watercourse: Bay - Salmon Bay / Ship Canal

Resources at Risk: Marine Birds, Marine Mammals, Shellfish, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Machete(s) - (or other vegetation cutting tool)
1	Each	Skimmer (appropriately sized) with Portable Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Salmon Bay West Collection CPS-38



CPS-38 Photo: From vegetation on west shore, at A, looking SE upstream towards rail bridge. Taken at +4ft tide.



Site Contact

USACE - Seattle District
Call for Local Conditions :

Seattle, WA 98134
206-764-6910

Nearest Address

8001 Seaview Avenue
Seattle, WA 98117

Driving Directions

DIRECTIONS TO SHILSHOLE BOAT LAUNCH:
1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 169 for NE 50th St (300 ft)
2. Turn left onto NE 50th St (0.9 miles)
3. Bear left on Green Lake Way N (0.36 miles)
4. Bear right on N 46th St (0.42 miles)
5. Continue on N Market St (2.08 miles)
6. Bear left on NW 54th St (0.33 miles)
7. Continue on Seaview Ave NW (NW 54th St) (1.45 miles)
8. Follow Seaview Ave past marina and use left-hand turn lane to turn left to boat ramp.
Parking likely to be full on weekends; extremely heavy traffic in the summer.

Seaview Ave Beach (SPU Pump Station 43) CPS-39

Position - Location:	47° 40.192', -122° 24.335'	47° 40' 11.5", -122° 24' 20.1"	47.66987, -122.40559	Seattle

Strategy Objective: Collection : Collect oil from Ship Canal

Implementation: Using workboat, anchor 500-ft section of boom in ship canal, near A (~150ft from Ballard shore). Extend boom N and secure to shore on beach next to SPU Pump Station 43. Use vac truck staged on Seaview Ave and pump with extra hose to collect product up the flight of stairs. If oil is being pushed into ship canal on incoming tide, reverse boom angle or duplicate strategy. Use anchoring systems as needed to keep boom secure. Adjust anchor locations as needed.

Staging Area: Onsite: Stage and launch from Shilshole/Eddie Vine. Some ped/truck access onsite but minimal parking, stairs.

Site Safety: Active Rail Crossing; Street Traffic; Bike Trail; Steep Slope; Slips, Trips, Falls; Water Hazard

Field Notes: Unsignaled rail crossing on Seaside Ave - use caution! Pedestrian beach access via stairs to SPU Pump Station 43. Historic pilings on beach. Vac truck access on local access road at top of stairs.

Watercourse: Canal - Ship Canal

Resources at Risk: Marine Birds, Marine Mammals, Shellfish, Waterfowl



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
500	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Pump(s)
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Seaview Ave Beach (SPU Pump Station 43) CPS-39



CPS-39 Photo: From beach at low tide, looking E at pump station and staircase to Seaview Ave in Ballard. Taken at 2' tide.



Site Contact

Seattle Public Utilities
Land/Property Owner : Operations Response Center

Seattle, WA
206-386-4020

Nearest Address

5700 Seaview Ave NW
Seattle, WA 98117

Driving Directions

DIRECTIONS TO SITE FOR VAC TRUCK ACCESS:
1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 169 for NE 50th St (300 ft)
2. Turn left onto NE 50th St (0.9 miles)
3. Bear left on Green Lake Way N (0.36 miles)
4. Bear right on N 46th St (0.42 miles)
5. Continue on N Market St (2.08 miles)
6. Bear left on NW 54th St (0.33 miles)
7. Continue on Seaview Ave NW (NW 54th St) (0.2 miles)
8. Site access is on the left (sign for 5701-5925 Seaview Ave NW).
9. Cross the Burke-Gilman and railroad tracks with caution. Park on top of pump station only with prior permission from SPU (check weight load).

DIRECTIONS TO BOAT LAUNCH AT SHILSHOLE:
10. Continue NW on Seaview Ave past collection site (1.2 miles).
11. Follow Seaview Ave past marina and use left-hand turn lane to turn left to boat ramp. Parking full on weekends; heavy traffic in the summer.

Seattle Aquarium and Waterfront Park — CPS-40

Position - Location:	47° 36.430', -122° 20.647'	47° 36' 25.8", -122° 20' 38.8"	47.60717, -122.34411	Seattle

Strategy Objective: Exclusion : Keep oil out of aquarium water intake and salmon habitat under piers

Implementation: Using workboat, secure 1600 ft of boom to seawall north of aquarium, at A. Extend SW around aquarium pier and anchor B so that boom is kept at least 50-100 feet off the water intake (SW corner of aquarium pier). Continue boom SE to southern piling by Great Wheel and set piling bridle at C. Pull remaining end of boom east and secure to seawall. Pad seawall connection with sorbent. Ring aquarium intake (near B) with sorbent. Use additional anchors and adjust boom as needed for conditions.

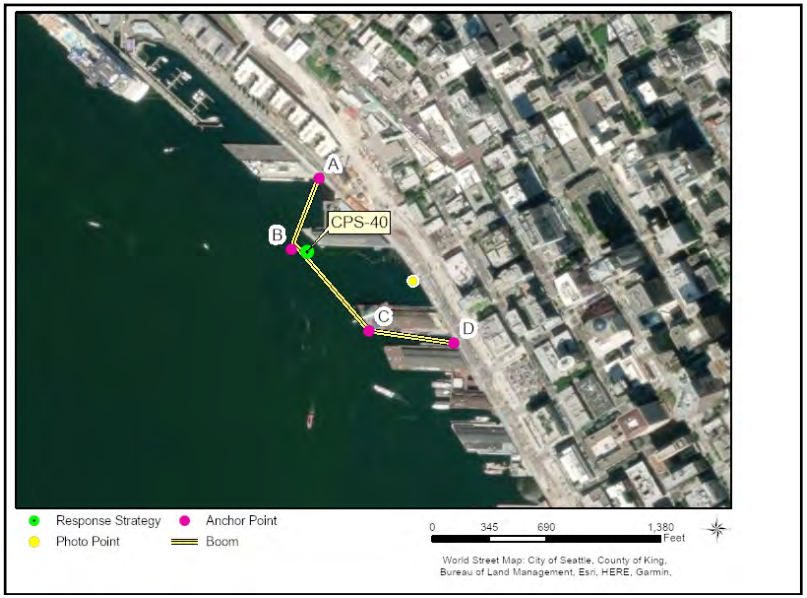
Staging Area: Remote: Stage and launch from Don Armeni in West Seattle

Site Safety: Low Piers; Dense Pilings; Ferry and Tour Boat Traffic; Slips, Trips, Falls; Water Hazard; Public Park

Field Notes: Tour boat docks on south side. Slab seawall at far ends of boom, pilings in between.

Watercourse: Urban Waterfront - Elliot Bay - Seattle Seawall

Resources at Risk: City Park, Economic Resources, Habitat Restoration Site, Salmonids, Water Intakes



Recommended Equipment

1	Each	Anchor - Danforth (or other appropriate type)
1600	Feet	Boom - B2 (18" to 42")
150	Feet	Boom - Sorbent
4	Each	Bridle(s) - Piling (appropriately sized for boom)
2	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

2	Boat Operator
8	Laborer
1	Supervisor

Seattle Aquarium and Waterfront Park CPS-40



CPS-40 Photo: From Waterfront Park, looking N at aquarium. Intake building at far left.



Site Contact

Seattle Aquarium
Primary Contact : Water Intake Owner
206-386-4359

Seattle Parks and Recreation
Land/Property Contact : 24-hour Maintenance Line
206-684-7250

Nearest Address

1221 Harbor Ave SW
Seattle, WA 98116

Driving Directions

DIRECTIONS TO DON ARMENI BOAT RAMP IN WEST SEATTLE:
1. From downtown Seattle, take I-5 S towards West Seattle
2. At exit 163A take ramp on the right to W Seattle Br / Columbian Way (0.15 miles)
3. At fork keep right on W Seattle Br toward Spokane St (0.33 miles)
4. Continue on West Seattle Brg (1.93 miles)
5. Take ramp on the right to Harbor Ave / Avalon Way (0.26 miles)
6. Turn right on Harbor Ave SW (1.8 miles)
7. Turn right into Don Armeni Boat Ramp parking lot (just past SW Maryland Pl) and follow lanes back to the boat launch.

Don Armeni Park - Alki — CPS-41

Position - Location:	47° 35.601', -122° 22.890'	47° 35' 36.1", -122° 22' 53.4"	47.59335, -122.38150	Seattle

Strategy Objective: Collection : Collect oil from Elliot Bay

Implementation: Using workboat, secure 500ft of boom above high-high tide line, near Anchor A. Extend boom down to end of dock and secure to outermost piling, at B. Extend boom NE into Elliot Bay and anchor at C. If spill source is from the south, move to center boat launch and angle boom to the SW. Use anchors as needed to secure boom. Collect from boat ramp at A.

Staging Area: Onsite: Stage onsite in parking area by boat ramp.

Site Safety: Boat Traffic; Vehicle Traffic; Rip-Rap; Slips, Trips, Falls; Water Hazard

Field Notes: Multi-lane public boat ramp with parking. Rip-rap armored shoreline.

Watercourse: Bay - Elliot Bay at Duwamish Head

Resources at Risk: City Park, Eelgrass, Waterfowl



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Don Armeni Park - Alki CPS-41



CPS-41 Photo: From middle boat ramp, looking NE towards Anchor A and Elliot Bay. Anchor higher than piling shown.



Site Contact

Seattle Parks and Recreation
Primary Contact : 24-hour Maintenance Line
100 Dexter Ave N
Seattle, WA 98109
206-684-7250

Nearest Address

1222 Harbor Ave SW
Seattle, WA 98126

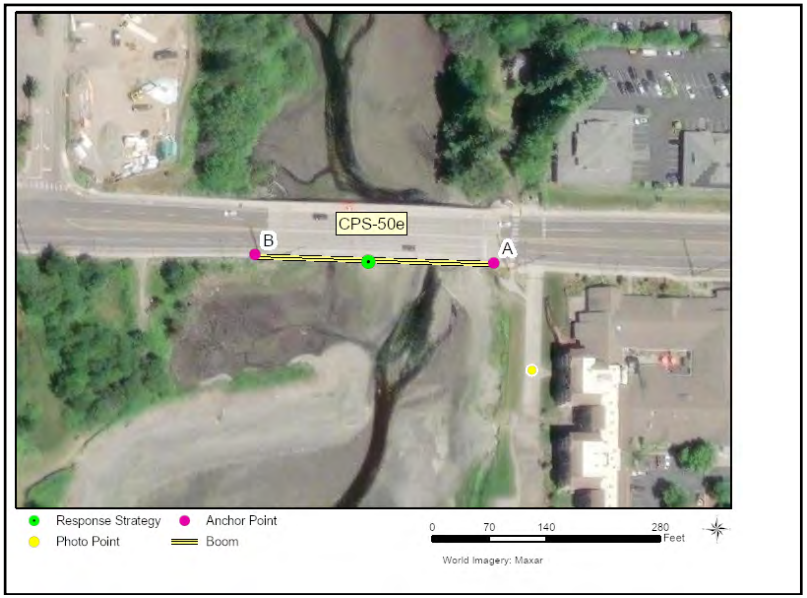
Driving Directions

1. From downtown Seattle, take I-5 S towards West Seattle
2. At exit 163A take ramp on the right to W Seattle Br / Columbian Way (0.15 miles)
3. At fork keep right on W Seattle Br toward Spokane St (0.33 miles)
4. Continue on West Seattle Brg (1.93 miles)
5. Take ramp on the right to Harbor Ave / Avalon Way (0.26 miles)
6. Turn right on Harbor Ave SW (1.8 miles)
7. Turn right into Don Armeni Boat Ramp parking lot (just past SW Maryland Pl) and follow lanes back to the boat launch.

Clear Creek at Old Mill Park - Ebb Tide — CPS-50e

Position - Location:	47° 39.026', -122° 41.156'	47° 39' 1.5", -122° 41' 9.3"	47.65043, -122.68593	Silverdale

Strategy Objective:	Exclusion : Keep oil out of Clear Creek Estuary
Implementation:	Using vehicle, secure one end of 300ft length of boom at end of bridge, at A. Extend boom W across creek and secure other end of boom at park end of bridge, at B. Use shoreside anchoring posts, trees, or existing structures to secure boom to shore. Back with sorbent. Adjust boom and anchors as needed.
Staging Area:	Onsite: Stage equipment in Old Mill Park, adjacent to strategy, and on road shoulder.
Site Safety:	Slips, Trips, Falls; Water Hazard; Roadway Hazard
Field Notes:	Follow WSDOT safety protocol to close road lane for deployment. New bridge with wide entrance to Clear Creek Estuary. Nearly dry at low tide.
Watercourse:	Estuary - Dyes Inlet
Resources at Risk:	Estuary Resources, Marsh, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (Contractor Boom) or equivalent
300	Feet	Boom - Sorbent

Recommended Personnel

3	Laborer
1	Supervisor

Clear Creek at Old Mill Park - Ebb Tide CPS-50e



CPS-50e Photo: Taken at 3ft tide. From SE shore, looking NW at Bucklin Hill Rd bridge over Clear Creek.



Site Contact

Kitsap County Parks Department
Municipality (County/City) : Property Managers

Port Orchard, WA 98366
360-337-5350

Nearest Address

2901 NW Bucklin Hill Rd
Silverdale, WA 98383

Driving Directions

1. From Port Orchard, drive north on WA-16 W
2. Continue on WA-3 N (8.64 miles)
3. Take ramp on the right to Newberry Hill Rd (0.35 miles)
4. Turn right on NW Newberry Hill Rd (0.16 miles)
5. At roundabout, take the second exit to proceed on Silverdale Way NW (1.04 miles)
6. Bear right on NW Bucklin Hill Rd (0.33 miles)
7. If staging area is needed, turn right into parking area at Old Mill Park, 2901 NW Bucklin Hill Rd
7. Strategy location is 1/4 mile past parking area, at 2768 NW Bucklin Hill Rd, 98383, on the right

Lagoon at Mickelberry Rd (Silverdale) CPS-51

Position - Location:	47° 38.891', -122° 41.029'	47° 38' 53.4", -122° 41' 1.8"	47.64818, -122.68382	Silverdale

Strategy Objective: Exclusion : Keep oil out of lagoon

Implementation: Using waders or shallow workboat, secure end of 100 ft of boom to shore at A. Extend boom SE across lagoon entrance, anchoring at B. Back with sorbent. Adjust strategy as needed for conditions.

Staging Area: Onsite: At high tide, stage and launch from Silverdale Waterfront Park. Low tide, at Crista Shores Senior Living.

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

Field Notes: Walkable at low tide using public Clear Creek trail (from parking lot at NW Crista Shores Lane) use shallow boat or ATV to deliver boom to site. Still shallow at high tide.

Watercourse: Lagoon - Dyes Inlet

Resources at Risk: Marsh, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Boom - Sorbent
100	Feet	Line - 3/8” poly line
1	Each	Waders
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Lagoon at Mickelberry Rd (Silverdale) CPS-51



CPS-51 Photo: Looking N across lagoon inlet at +3 ft tide.



Site Contact

Crista Shores Senior Living Silverdale
Security Contact : Property Owner - Security Office
360-981-7978

Nearest Address

1600 NW Christa Shores Lane
Silverdale, WA 98383

Driving Directions

1. From Gig Harbor, head North on WA-16 W
2. Continue on WA-3 N (8.64 miles)
3. Take the ramp on the right at exit 43 to Newberry Hill Rd (0.35 miles)
4. Turn right on NW Newberry Hill Rd (0.16 miles)
5. At the roundabout, take the second exit onto Silverdale Way NW (1.04 miles)
6. Bear right on NW Bucklin Hill Rd (0.55 miles)
8. Turn right on Mickelberry Rd NW (0.05 miles)
9. Turn right on NW Crista Shores Ln (0.09 miles)
10. Trail access from southeastern corner of parking lot (furthest east corner of giant building) 800 foot ped walk. Or put ATV onto beach from Bucklin Hill bridge overpass.

Barker Creek at Dyes Inlet - Flood Tide CPS-52f

Position - Location:	47° 38.201', -122° 40.370'	47° 38' 12.0", -122° 40' 22.2"	47.63668, -122.67283	Silverdale

Strategy Objective: Exclusion : Keep oil out of Barker Creek

Implementation: Secure end of 200ft length of boom to shore north of private dock, at A. Using shallow workboat, extend boom S, anchoring to treeline at B. Use shoreside anchoring posts, trees, or existing structures to secure boom to shore. Back creek side of boom with sorbent. Use additional anchoring systems as needed to keep boom secure in water.

Staging Area: Remote: Stage and launch from boat ramp at Silverdale Waterfront Park.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Shallow twisting channel, large tide cycle.

Watercourse: Puget Sound - Dyes Inlet

Resources at Risk: Estuary Resources, Salmonids, Waterfowl, Wetlands



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Barker Creek at Dyes Inlet - Flood Tide CPS-52f



CPS-52f Photo: Looking S from dock, towards anchor point B at +5 ft tide.



Site Contact

No Information
Private Owner :

Nearest Address

3425 NW Byron Street
Silverdale, WA 98383

Driving Directions

DIRECTIONS TO STAGING AREA/BOAT LAUNCH AT SILVERDALE WATERFRONT PARK:
1. From Gig Harbor, head North on WA-16 W
2. Go on WA-16 W (State Route 16 NW) (15.5 miles)
3. Continue on WA-3 N (8.64 miles)
4. Take ramp on the right to Newberry Hill Rd (0.35 miles)
5. Turn right on NW Newberry Hill Rd (0.16 miles)
6. At roundabout, take the second exit to proceed on Silverdale Way NW (0.55 miles)
7. Turn right on NW Byron St (0.16 miles)
8. Turn right at the stop sign onto McConnell Ave NW and proceed straight into the boat launch parking lot.

Mud Bay (Bremerton) - Flood Tide — CPS-53f

Position - Location:	47° 35.642', -122° 40.371'	47° 35' 38.5", -122° 40' 22.3"	47.59403, -122.67285	Bremerton

Strategy Objective: Exclusion : Keep oil out of Mud Bay

Implementation: Secure end of 1000 ft of boom to tree or piling on eastern shore near roadside, at C. Use workboat to extend boom west 800ft, across entrance to Mud Bay, and secure remaining end to tree or piling on oppposite shore, at A. Near boom midpoint use workboat to pull center of boom 250ft north to create a chevron and anchor it at B. Do not disturb ground onshore, but otherwise adjust or use additional anchors as needed for conditions.

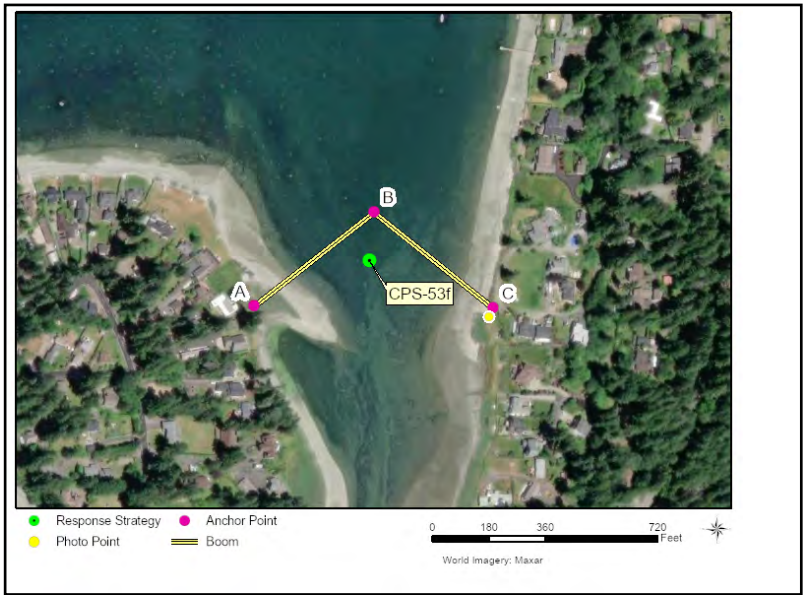
Staging Area: Remote: Stage and launch from boat ramp at Evergreen Park

Site Safety: Shallow Mudflats; Slips, Trips, Falls; Water Hazard

Field Notes: Very shallow, may need waders to drag boom. Private property both sides. Anchor to piers, pilings, trees or fences when possible - avoid ground disturbance.

Watercourse: Puget Sound - Dyes Inlet - Mud Bay

Resources at Risk: Eelgrass, Estuary Resources, Forage Fish, Marsh, Sensitive Resources



Recommended Equipment

10	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
2	Laborer
1	Supervisor

Mud Bay (Bremerton) - Flood Tide CPS-53f



CPS-53f Photo: Looking W across Mud Bay from anchor post C. Taken at 10ft, high tide.



Site Contact

No Information
Private Owner :

Nearest Address

1317 Sheldon Boulevard
Bremerton, WA 98337

Driving Directions

DIRECTIONS TO BOAT LAUNCH/STAGING AT EVERGREEN PARK BREMERTON:
1. From Gig Harbor, head north on WA-16 W
2. Merge onto WA-3 N
3. At exit 36 bear right onto ramp to WA-304 E toward Bremerton(0.3 mi)
4. Continue on WA-304 (Navy Yard Hwy) (1.5 mi)
5. Turn right onto Burwell St (1.0 mi)
6. Turn left onto Warren Ave (0.4 mi)
7. Turn right onto 11th St (0.1 mi)
8. Turn left onto Park Ave (0.2 mi)
9. Finish at Evergreen Rotary Park, on the left

Oyster Bay Entrance CPS-54

Position - Location:	47° 34.943', -122° 40.675'	47° 34' 56.6", -122° 40' 40.5"	47.58238, -122.67791	Silverdale

Strategy Objective: Exclusion : Keep oil out of Oyster bay

Implementation: Secure end of 600ft length of boom to shore near A. Extend boom W to end of dock, anchoring end near B or using piling bridle. Using workboat, extend boom SW across inlet, anchoring end to shore above bulkhead, near C. Use additional anchors as needed to keep boom secure in water.

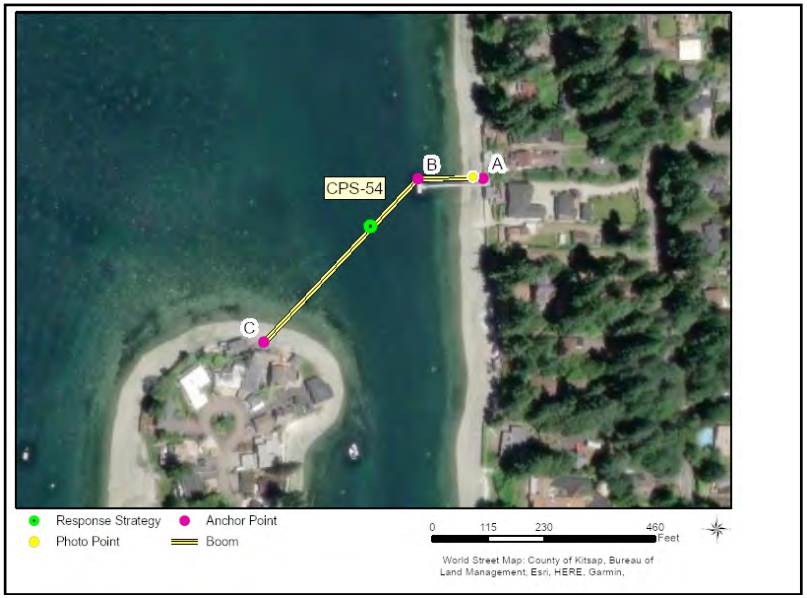
Staging Area: Remote: Stage equipment and launch workboat from boat ramp at Silverdale Waterfront Park.

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

Field Notes: Private dock and bulkhead at both anchor points. Dock is at 2409 Marine Dr Bremerton.

Watercourse: Puget Sound - Oyster Bay

Resources at Risk: Forage Fish, Marsh, Shellfish, Waterfowl, Wetlands



Recommended Equipment

3	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	Supervisor

Oyster Bay Entrance CPS-54



CPS-54 Photo: Looking SW across Oyster Bay from anchor post A.



Site Contact

No Information
Private Owner :

Nearest Address

3425 NW Byron Street
Silverdale, WA 98383

Driving Directions

DIRECTIONS TO BOAT LAUNCH AT SILVERDALE WATERFRONT PARK:
1. From Gig Harbor, head North on WA-16 W
2. Go on WA-16 W (State Route 16 NW) (15.5 miles)
3. Continue on WA-3 N (8.64 miles)
4. Take ramp on the right to Newberry Hill Rd (0.35 miles)
5. Turn right on NW Newberry Hill Rd (0.16 miles)
6. At roundabout, take the second exit to proceed on Silverdale Way NW (0.55 miles)
7. Turn right on NW Byron St (0.16 miles)
8. Turn right at the stop sign onto McConnell Ave NW and proceed straight into the boat launch parking lot.

Ostrich Bay South End - Flood Tide — CPS-55f

Position - Location:	47° 34.559', -122° 40.925'	47° 34' 33.5", -122° 40' 55.5"	47.57598, -122.68208	Silverdale

Strategy Objective: Exclusion : Keep oil out of estuary and off shoreline

Implementation: Using shallow workboat, secure end of 800 ft of boom to eastern shore near A, at stone retaining wall on eastern side of creek estuary. Extend boom W across tideflat and secure to shore near B, past the treeline at the concrete bulkhead with flagpole. Do not disturb ground onshore and do not move western anchor point B. Use additional anchors as needed for conditions.

Staging Area: Remote: Stage equipment and launch workboat from boat ramp at Silverdale Waterfront Park.

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

Field Notes: Very shallow even at high tide. Tidal estuary where creek empties into Ostrich Bay.

Watercourse: Puget Sound - Ostrich Bay

Resources at Risk: Estuary Resources, Forage Fish, Marsh, Salmonids, Sensitive Resources



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

Ostrich Bay South End - Flood Tide CPS-55f



CPS-55f Photo: Looking E across Ostrich Bay from anchor post B.



Site Contact

No Information
Private Owner :

Nearest Address

3425 NW Byron Street
Silverdale, WA 98383

Driving Directions

DIRECTIONS TO BOAT LAUNCH AT SILVERDALE WATERFRONT PARK:
1. From Gig Harbor, head North on WA-16 W
2. Go on WA-16 W (State Route 16 NW) (15.5 miles)
3. Continue on WA-3 N (8.64 miles)
4. Take ramp on the right to Newberry Hill Rd (0.35 miles)
5. Turn right on NW Newberry Hill Rd (0.16 miles)
6. At roundabout, take the second exit to proceed on Silverdale Way NW (0.55 miles)
7. Turn right on NW Byron St (0.16 miles)
8. Turn right at the stop sign onto McConnell Ave NW and proceed straight into the boat launch parking lot.

Chico Creek at Dyes Inlet - Ebb Tide — CPS-56e

Position - Location:	47° 36.139', -122° 42.354'	47° 36' 8.3", -122° 42' 21.2"	47.60231, -122.70590	Bremerton

Strategy Objective: Exclusion : Keep oil out of Chico Creek

Implementation: Using vehicle, secure one end of 100ft length of boom to shore on creek left (north bank), at A. Then extend boom SE across outfall and secure other end to shore, at B. Back upstream side of hard boom with sorbent. Adjust as needed for conditions.

Staging Area: Onsite: Stage equipment at end of Kittyhawk Dr NW

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Small parking area at road's end, then 250ft narrow ped trail to access site. North side of creek has fence blocking road access.

Watercourse: Puget Sound - Chico Creek - tidal influence

Resources at Risk: Marine Birds, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
100	Feet	Boom - Sorbent
150	Feet	Line - 3/8” poly line
1	Each	Waders
1	Each	Winch - Come-A-Long

Recommended Personnel

2	Laborer
1	Supervisor

Chico Creek at Dyes Inlet - Ebb Tide CPS-56e



CPS-56e Photo: Looking SW towards Chico Creek outfall.



Site Contact

No Information
Not Determined :

Nearest Address

4330 Kittyhawk Dr NW
Bremerton, WA 98312

Driving Directions

1. Head north on WA-16 W
2. Continue on WA-3 N (4.54 miles)
3. Take ramp on the right to Austin Dr. toward Kitsap Lake (0.26 miles)
4. Turn right on Austin Dr (1.09 miles)
5. Continue on Kittyhawk Dr NW (Kitty Hawk Dr NW) (0.51 miles)
6. Finish at 4330 Kittyhawk Dr NW, 98312. The road dead-ends at a narrow pedestrian trail, continue straight to access the creek.

Strawberry Creek at Dyes Inlet - Ebb Tide — CPS-57e

Position - Location:	47° 38.765', -122° 41.638'	47° 38' 45.9", -122° 41' 38.3"	47.64608, -122.69396	Silverdale

Strategy Objective: Exclusion : Keep oil out of Strawberry Creek

Implementation: Secure one end of 100ft length of boom onshore at rip-rap in front of old barn, at A. Using vehicle or winch, extend boom SW across creek and anchor onshore to boulders or trees at B. Use shoreside anchoring posts, trees, or existing structures to secure boom to shore. Back creek side of boom with sorbent. Use additional anchoring systems as needed to keep boom secure in water.

Staging Area: Onsite: Stage equipment at parking area behind condos.

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

Field Notes: Narrow creek with easy shoreline. At low tide could cross with waders or plywood. If inaccessible deploy from pedestrian bridge behind Seaport Salon Spa.

Watercourse: Puget Sound - Dyes Inlet

Resources at Risk: Habitat Restoration Site, Salmonids, Waterfowl, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
100	Feet	Boom - Sorbent
100	Feet	Line - 3/8" poly line
1	Each	Plywood sheets (4ft x 8ft)
1	Each	Winch - Come-A-Long

Recommended Personnel

2	Laborer
1	Supervisor

Strawberry Creek at Dyes Inlet - Ebb Tide CPS-57e



CPS-57e Photo: From A, looking S across Strawberry Creek, towards condos and B. Taken at 0 ft tide.



Site Contact

No Information
Private Owner :

Nearest Address

9092 Washington Ave NW
Silverdale, WA 98383

Driving Directions

1. From Port Orchard, head north on WA-16 W
2. Merge onto WA-3 N (8.64 miles)
3. Take ramp on the right to Newberry Hill Rd (0.35 miles)
4. Turn right on NW Newberry Hill Rd (0.16 miles)
5. At roundabout, take the second exit to proceed on Silverdale Way NW (0.68 miles)
6. Turn right on NW Carlton St (0.16 miles)
7. Turn right on Washington Ave NW ()
8. Take the next left into the long driveway to access line of condos at 9092 Washington Ave NW, 98383

Illahee State Park — CPS-70

Position - Location:	47° 35.905', -122° 35.646'	47° 35' 54.3", -122° 35' 38.8"	47.59842, -122.59410	Bremerton

Strategy Objective: Exclusion : Keep oil away from Illahee State Park

Implementation: Using workboat, secure end of 1200ft length of boom to shore at base of pier. Extend boom S to edge of sandy shore at southern edge of treeline. Pull center of boom out and set anchor to keep off beach, using buoys or anchors. Adjust boom or use additional anchors as needed for conditions.

Staging Area: Onsite: Stage equipment onsite, launch from Bremerton.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Road access down switchbacks, cartop boat launch onsite along with restrooms and pier. Good habitat where forest meets water.

Watercourse: Puget Sound - Port Orchard

Resources at Risk: Forage Fish, Salmonids, Shellfish, State Park



Recommended Equipment

2	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
4	Laborer
1	Supervisor

Illahee State Park CPS-70



CPS-70 Photo: Looking W at white buoys and sand beach, anchor point D. Taken at +10ft tide.



Site Contact

Illahee State Park
Primary Contact :

WA
360-478-6460

Nearest Address

1317 Sheldon Boulevard
Bremerton, WA 98337

Driving Directions

DIRECTIONS TO BOAT LAUNCH IN BREMERTON:
1. From Gig Harbor, head north on WA-16 W
2. Merge onto WA-3 N (1.3 mi)
3. At exit 36 bear right onto ramp to WA-304 E toward Bremerton(0.3 mi)
4. Continue on WA-304 (Navy Yard Hwy) (1.5 mi)
5. Turn right onto Burwell St (1.0 mi)
6. Turn left onto Warren Ave (0.4 mi)
7. Turn right onto 11th St (0.1 mi)
8. Turn left onto Park Ave (0.2 mi)
9. Finish at Evergreen Rotary Park, on the left

Waterman Pier (Port Orchard) CPS-71

Position - Location:	47° 34.442', -122° 34.898'	47° 34' 26.5", -122° 34' 53.9"	47.57404, -122.58163	Port Orchard

Strategy Objective: Collection : Collect oil at Waterman Pier

Implementation: Using workboat, secure end of 700ft length of boom to shoreline or piling at edge of parking area, at A. Extend boom 75 ft SW and secure to second pier support piling, at B. Extend boom 600 ft N into channel, anchoring in water near C. Adjust anchoring points and use additional anchors as needed for conditions. Collect from pier or shore depending on water level.

Staging Area: Onsite: Stage onsite at parking area for Waterman Pier. Launch from Port Orchard (Water Street)

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

Field Notes: If spill is east of pier, reverse boom angle. At low tide may need to move collection point further out on pier. Notify Port of Waterman prior to arrival.

Watercourse: Puget Sound - Sinclair Inlet

Resources at Risk: Marine Mammals, Recreational Use Area, Waterfowl



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Waterman Pier (Port Orchard) CPS-71



CPS-71 Photo: Looking NW towards Waterman Pier from parking area. Taken at +3ft tide.



Site Contact

Port of Waterman
Primary Contact : Comissioner

Port Orchard, WA
360-509-1006

Nearest Address

4282 Beach Dr E
Port Orchard, WA 98366

Driving Directions

DIRECTIONS TO SITE:
1. From Gig Harbor, drive north on WA-16 W towards Port Orchard
2. Take ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Ferry (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (1.73 miles)
4. Turn left on Jackson Ave SE (2.02 miles)
5. Continue on Olney Ave E (0.91 miles)
6. Turn right on Beach Dr E (2.48 miles)
7. Turn left into parking area at Waterman Pier.

DIRECTIONS TO WATER STREET BOAT LAUNCH:
1. From Gig Harbor, drive northwest on WA-16 W
2. Take the Tremont St exit toward Old Clifton Rd (0.2 mi)
3. Turn right onto Tremont St W (0.7 mi)
4. Turn left onto Port Orchard Blvd (1.1 mi)
5. Turn right onto Bay St (0.2 mi)
6. Finish at Water Street Boat Launch, on the left.

Bachmann Park (East Bremerton) CPS-72

Position - Location:	47° 34.082', -122° 36.484'	47° 34' 4.9", -122° 36' 29.0"	47.56804, -122.60806	Bremerton

Strategy Objective: Collection : Collect oil at Bachmann Park

Implementation: Secure end of 500ft length of boom to shore at edge of paved area, at A. Extend boom 60ft SE to end of dock and secure to pilings at B. Using workboat, extend remaining boom S into water and anchor at C. Adjust boom angle and use additional anchors as needed. Use anchoring systems or natural features to secure boom to shore. Collect at A.

Staging Area: Onsite: Launch boat from Evergreen Boat Ramp. Stage/collect onsite in Bachmann Park parking area.

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

Field Notes: 6 paved parking spaces, 30 feet from water. Bachmann Park belongs to the City of Bremerton.

Watercourse: Puget Sound - Sinclair Inlet / Port Orchard

Resources at Risk: City Park, Forage Fish, Marine Mammals



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Bachmann Park (East Bremerton) CPS-72



CPS-72 Photo: Looking SE towards pavilion from anchor point A at low tide.



Site Contact

Bremerton Parks and Recreation
Primary Contact :

WA
360-478-5305

Nearest Address

815 Shore Dr
Bremerton, WA 98310

Driving Directions

DIRECTIONS TO COLLECTION AREA AT BACHMANN PARK:
1. From Gig Harbor, drive north on WA-16 W
2. Merge onto WA-3 N (1.3 mi)
3. At exit 36 bear right onto ramp to WA-304 E toward Bremerton(0.3 mi)
4. Continue on WA-304 (Navy Yard Hwy) (1.5 mi)
5. Turn right onto Burwell St (1.0 mi)
6. Turn left on Washington Ave (0.3 miles)
7. Turn right on Manette Brg (0.33 miles)
8. At roundabout, take the first exit to proceed on Harkins St (0.06 miles)
9. Turn right on Pitt Ave and immediately turn left on E 11th St (0.38 miles)
10. Turn right on Trenton Ave (County Road 181) (0.1 miles)
11. At the intersection of Trenton and Shore Drive, continue straight into small parking area.

Sacco Creek Outfall (Port Orchard) - Ebb Tide — CPS-73e

Position - Location:	47° 33.182', -122° 36.120'	47° 33' 10.9", -122° 36' 7.2"	47.55304, -122.60200	Port Orchard

Strategy Objective: Exclusion : Keep oil out of tidal estuary east of Beach Drive

Implementation: Secure one end of 100ft length of boom to shore on creek left at bridge, at A. Use line or waders to extend boom 30 ft SW across culvert and secure remainder to shore at bridge, at B. Back boom with sorbent. Pack upstream side of bridge with additional sorbent. Adjust anchor points and boom angle as needed for conditions.

Staging Area: Onsite: LANE CLOSURE REQUIRED. Stage equipment along roadside.

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

Field Notes: LANE CLOSURE REQUIRED. Follow WSDOT guidelines for flaggers. Gravel shoulder at Sacco Ln or 500ft south on Beach Dr. Shallow boat access only at high tide.

Watercourse: Puget Sound - Creek Estuary

Resources at Risk: Estuary Resources, Marsh, Salmonids, Waterfowl, Wetlands



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Sacco Creek Outfall (Port Orchard) - Ebb Tide CPS-73e



CPS-73e Photo: Looking N at culvert from roadway at +5ft tide.



Site Contact

No Information
Private Owner :

Nearest Address

2127 Beach Dr E
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor, drive north on WA-16 W
2. Take ramp to WA-160 E / Sedgwick Rd toward Southworth Ferry (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (1.73 miles)
4. Turn left on Jackson Ave SE (2.02 miles)
5. Continue on Olney Ave E (0.91 miles)
6. Turn right on Beach Dr E (0.76 miles)
7. Site is on the left.

Karcher Creek Outfall (Annapolis) - Ebb Tide — CPS-74e

Position - Location:	47° 32.813', -122° 36.773'	47° 32' 48.8", -122° 36' 46.4"	47.54688, -122.61288	Port Orchard

Strategy Objective: Exclusion : Keep oil out of Olney Creek

Implementation: Secure one end of 100 ft of boom to shore on creek left at bridge, at A. Use line or waders to extend boom E across culvert and secure remainder to shore at bridge, at B. Back boom with sorbent. Adjust anchor points and boom angle as needed for conditions.

Staging Area: Onsite: LANE CLOSURE REQUIRED. Stage equipment along Beach Dr

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

Field Notes: Boat required only at high tide. Lane closure required. Follow WSDOT safety guidelines for flaggers. Some street-side parking across street (RV dump site) or 300ft west - ferry parking.

Watercourse: Puget Sound - Karcher Creek at Sinclair Inlet

Resources at Risk: Estuary Resources, Public Lands, Salmonids



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Karcher Creek Outfall (Annapolis) - Ebb Tide CPS-74e



CPS-74e Photo: Looking E across culvert entrance at -1ft tide.



Site Contact

Kitsap County DEM
Primary Contact : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

1165 Beach Dr E
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor, drive north on WA-16 W
2. Take ramp to WA-160 E / Sedgwick Rd toward Southworth Ferry (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (1.73 miles)
4. Turn left on Jackson Ave SE (2.02 miles)
5. Continue on Olney Ave E (0.91 miles)
6. Turn left on Beach Dr E to access site.
7. Some parking at next right, Annapolis Ferry Parking, 300ft west of site.

Karcher Creek Tideflats (Annapolis) - Flood Tide — CPS-74f

Position - Location:	47° 32.853', -122° 36.751'	47° 32' 51.2", -122° 36' 45.0"	47.54755, -122.61251	Port Orchard

Strategy Objective: Exclusion : Keep oil off tideflats at Olney Creek Outfall

Implementation: At high tide, using shallow workboat, secure 800 ft of boom to shore at edge of parking area, at A. Extend east across creek outfall and secure remaining end of boom to shoreside piling, at C. Pull midpoint of boom north and set anchor to create chevron. Adjust anchor points or use additional anchors as needed for conditions.

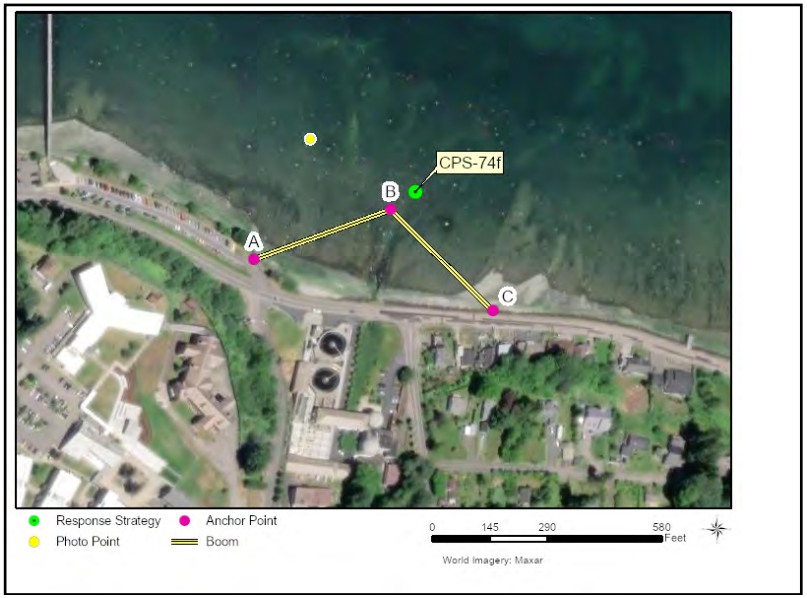
Staging Area: Onsite: Room for staging in transit parking lot, launch from Port Orchard Marina.

Site Safety: Rip-Rap; Shallow Tideflats; Traffic Hazard; Slips, Trips, Falls; Water Hazard

Field Notes: Deploy at high tide only - shallow tideflats. Even at high tide will need shallow workboat near shore. Can load boom in parking lot or offload from larger boat offshore.

Watercourse: Bay - Karcher Creek at Sinclair Inlet

Resources at Risk: Forage Fish, Mud Flat(s), Salmonids



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) - shallow-water

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Karcher Creek Tideflats (Annapolis) - Flood Tide CPS-74f



CPS-74f Photo: From boat at +10ft tide, looking SE. Parking lot (A) on far right, shoreside piling (C) on far left.



Site Contact

Kitsap County DEM
Emergency Contact : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

525 Bay Street
Port Orchard, WA 98366

Driving Directions

1. Start at WA-16 W Gig Harbor
2. Go on WA-16 W (Tacoma Narrows Brg) toward 8 (16.96 miles)
3. Take the ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Fy (0.29 miles)
4. Turn right on SE Sedgwick Rd (WA-160) toward WA-160 E / Southworth Fy (0.73 miles)
5. Turn left on Bethel Rd SE (1.31 miles)
6. Continue forward on Bethel Ave (0.79 miles)
7. At the roundabout, take the second exit onto Bethel Ave (WA-160 W) (0.54 miles)
8. Turn right on Bay St (0.75 miles)
9. Continue forward on Beach Dr E (0.03 miles)
10. Turn left into Kitsap Transit parking lot. Anchor point is on eastern end.

Annapolis Creek Outfall - Ebb Tide — CPS-75e

Position - Location:	47° 32.841', -122° 37.098'	47° 32' 50.5", -122° 37' 5.9"	47.54735, -122.61830	Port Orchard

Strategy Objective: Exclusion : Keep oil out of outfall

Implementation: Secure one end of 100ft length of boom to shore on creek left at bridge, at A. Use line or waders to extend boom E across culvert and secure remainder to shore at bridge, at B. Back boom with sorbent. Adjust anchor points and boom angle as needed for conditions.

Staging Area: Onsite: Stage equipment in parking lot or in front of store east of bridge.

Site Safety: Road Hazard; Steep Banks; Extreme Tide Change; Slips, Trips, Falls; Water Hazard

Field Notes: Lane closure may be needed - follow WSDOT guidelines. Steep concrete climb at low tide to bridge.

Watercourse: Creek - Annapolis Creek at Sinclair Inlet

Resources at Risk: Estuary Resources, Riparian Habitat, Salmonids



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Annapolis Creek Outfall - Ebb Tide CPS-75e



CPS-75e Photo: Looking S toward culvert entrance at +6ft tide.



Site Contact

Kitsap County DEM
Primary Contact : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

1960 Bay St
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor, drive north on WA-16 W
2. Take ramp to WA-160 E / Sedgwick Rd toward Southworth Ferry (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (0.73 miles)
4. Turn left on Bethel Rd SE (1.13 miles)
5. At fork keep left on Bethel Rd SE (0.18 miles)
6. Continue on Bethel Ave (0.79 miles)
7. At roundabout, take the second exit to proceed on Bethel Ave (WA-160 W) (0.54 miles)
8. Turn right on Bay St (0.66 miles)
9. Turn left into parking area just past bridge.

Annapolis Creek Tideflats - Flood Tide — CPS-75f

Position - Location:	47° 32.876', -122° 37.108'	47° 32' 52.5", -122° 37' 6.5"	47.54793, -122.61846	Port Orchard

Strategy Objective: Exclusion : Keep oil off tideflats near Bay Street outfall

Implementation: Using shallow workboat, secure 500ft of boom to shore at rip-rap and trees, at A. Extend east across 2 sections of roadside and secure to seawall outcropping behind business, at C. Pull midpoint of boom N to create chevron. Adjust boom and use additional anchors as needed for conditions.

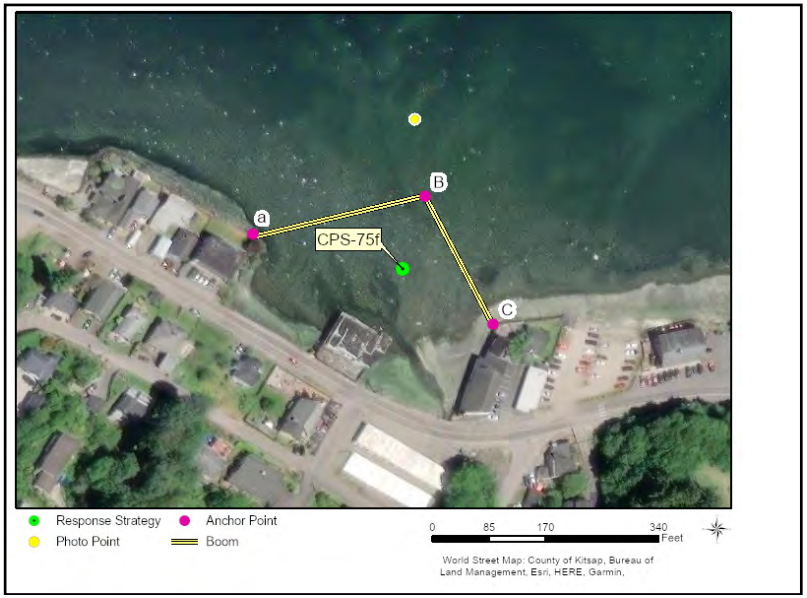
Staging Area: Onsite: Stage and launch from Port Orchard Marina. Limited room onsite for staging.

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

Field Notes: High tide only - shallow tideflats. Likely require skiff and/or waders, toss line to shore.

Watercourse: Puget Sound - Sinclair Inlet

Resources at Risk: Forage Fish, Mud Flat(s), Salmonids



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Annapolis Creek Tideflats - Flood Tide CPS-75f



CPS-75f Photo: Looking S at both anchor points, with turquoise house in center of seawall stretch. Taken at +10ft tide.



Site Contact

No Information
Not Determined :

Nearest Address

1981 Bay Street
Port Orchard, WA 98366

Driving Directions

1. Start at WA 16 Port Orchard
2. Go on WA-16 W (1.35 miles)
3. Take the ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Fy (0.29 miles)
4. Turn right on SE Sedgwick Rd (WA-160) toward WA-160 E / Southworth Fy (0.73 miles)
5. Turn left on Bethel Rd SE (1.31 miles)
6. Continue forward on Bethel Ave (0.79 miles)
7. At the roundabout, take the second exit onto Bethel Ave (WA-160 W) (0.54 miles)
8. Turn right on Bay St (0.7 miles)
9. Finish at 1981 Bay Street, 98366, on the left

Blackjack Creek - Port Orchard — CPS-76e

Position - Location:	47° 32.598', -122° 37.652'	47° 32' 35.9", -122° 37' 39.1"	47.54330, -122.62754	Port Orchard

Strategy Objective: Exclusion : Keep oil out of Blackjack Creek

Implementation: Secure one end of 100 ft of boom to shore on creek left at bridge, at A. Use line or waders to extend boom E across channel and secure remainder to shore at bridge, at B. Back boom with sorbent. Adjust anchor points and boom angle as needed for conditions.

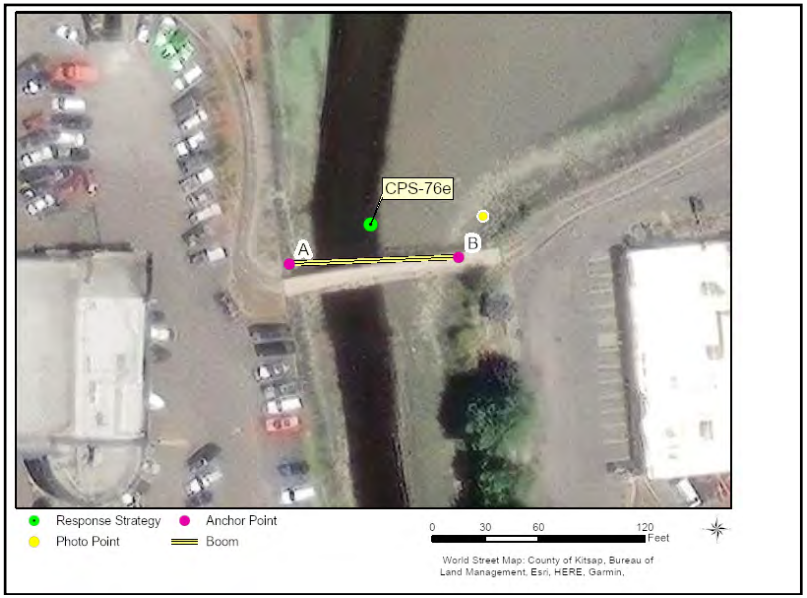
Staging Area: Onsite: Stage equipment in parking lot of Westbay Center

Site Safety: Rip Rap; Vehicle Traffic in Parking Areas; Slips, Trips, Falls; Water Hazard; Steep Banks

Field Notes: Stage equipment in parking lot of Westbay Center. Strategy and pedestrian bridge are part of Etta Turner Park.

Watercourse: Estuary - Blackjack Creek at Port Orchard

Resources at Risk: City Park, Estuary Resources, Salmonids, Waterfowl



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Blackjack Creek - Port Orchard CPS-76e



CPS-76e Photo: Looking W across Blackjack Creek from anchor point B. Taken at +7ft tide.



Site Contact

Port Orchard Parks and Recreation
Primary Contact : Boat launch owner

WA
360-876-4991

Nearest Address

1327 Bay St
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor take WA-16 W north towards Port Orchard
2. Bear right onto ramp to Old Clifton Rd / Tremont St (0.26 miles)
3. Turn right on Tremont St W (0.69 miles)
4. Turn left on Port Orchard Blvd (1.06 miles)
5. Turn right on Bay St (WA-160) (0.86 miles)
6. Turn left at Bethel Ave / Maple Ave to stay on Bay St (0.06 miles)
7. Take the next left into Westbay Center shopping area at 1327 Bay St.
8. Site is behind the building in the NW corner of the parking lot.

Port Orchard Rockwell Park - Flood Tide — CPS-77f

Position - Location:	47° 32.615', -122° 37.849'	47° 32' 36.9", -122° 37' 50.9"	47.54359, -122.63081	Port Orchard

Strategy Objective: Exclusion : Keep oil off sandy beach at pocket park

Implementation: Using workboat, secure end of 400ft length of boom at rip-rap jetty, at A. Extend boom E across sandy beach and secure other end to rip-rap, at C. Pull midpoint of boom north to create chevron and set anchor. Adjust boom and use additional anchors if needed for conditions.

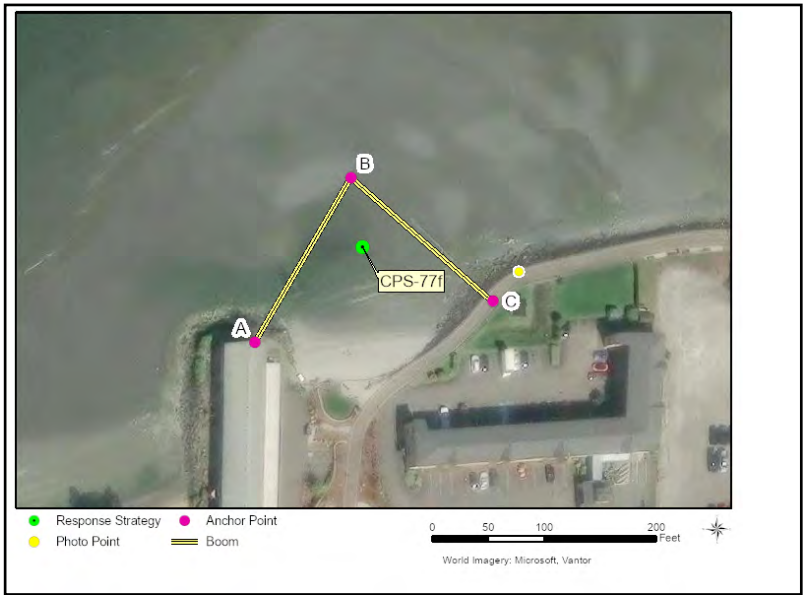
Staging Area: Onsite: Stage and launch onsite at Port Orchard Marina

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

Field Notes: Very shallow, deploy at high tide only. Port Orchard pocket park, Port of Bremerton owns marina.

Watercourse: Puget Sound - Port Orchard

Resources at Risk: City Park, Forage Fish, Mud Flat(s)



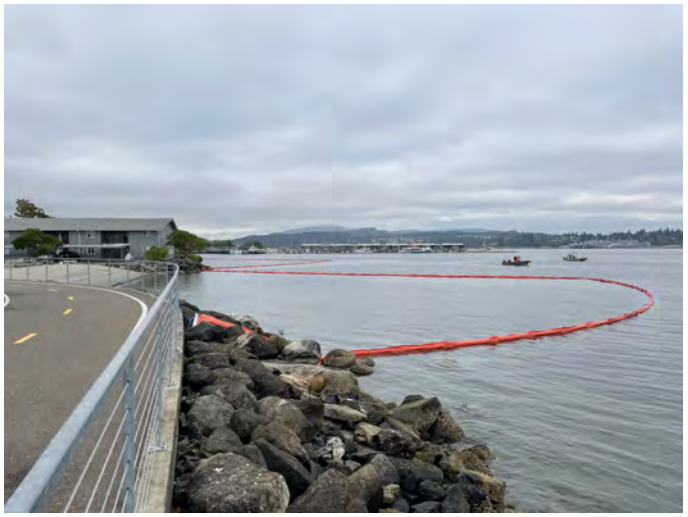
Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Port Orchard Rockwell Park - Flood Tide CPS-77f



CPS-77f Photo: From the shore, looking west towards boom. Photo taken during incident in 2025.



Site Contact

Port of Bremerton
Primary Contact :
360-674-2381

Port Orchard Parks and Recreation
Secondary Contact : Boat launch owner
360-876-4991

Nearest Address

707 Sidney Pkwy
Port Orchard, WA 98366

Driving Directions

1. Head north on WA-16 W
2. Bear right onto ramp to Old Clifton Rd / Tremont St (0.26 miles)
3. Turn right on Tremont St W (0.69 miles)
4. Turn left on Port Orchard Blvd (1.06 miles)
5. Turn right on Bay St (WA-160) (0.29 miles)
6. Turn left on Frederick Ave (0.05 miles)
7. Turn left on Sidney Pkwy (0.02 miles)
8. Finish at 707 Sidney Pkwy, 98366, on the right

Port Orchard Waterfront Park - Flood Tide — CPS-78f

Position - Location:	47° 32.592', -122° 37.945'	47° 32' 35.5", -122° 37' 56.7"	47.54320, -122.63242	Port Orchard

Strategy Objective: Exclusion : Exclude oil from salt marsh and park shoreline

Implementation: Using shallow-water workboat, secure end of 800ft length of boom at edge of sandy beach, at A. Extend boom NE and secure other end to edge of rip-rap jetty, at C. Pull midpoint of boom north to create chevron and set anchor. Adjust boom and use additional anchors if needed for conditions.

Staging Area: Onsite: Stage and launch onsite at Marina parking area.

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

Field Notes: Shallow water, mid to high tide only. Public park and beach access. Heavy recreational vessel traffic in area and pedestrian ferry dock.

Watercourse: Urban Waterfront - Port Orchard

Resources at Risk: City Park, Forage Fish, Mud Flat(s)



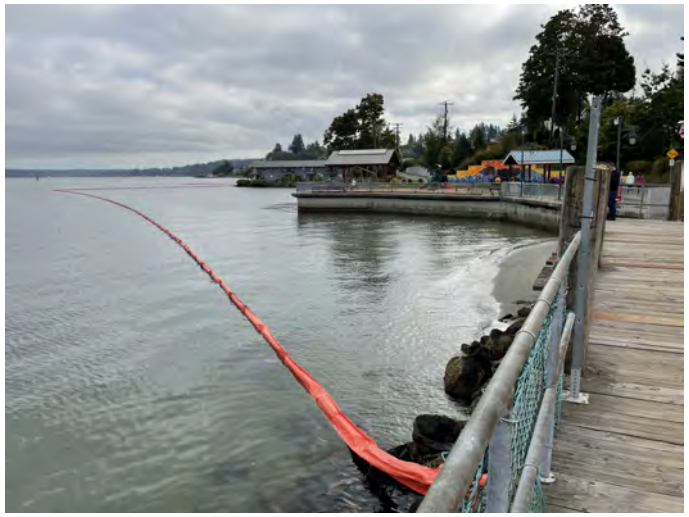
Recommended Equipment

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

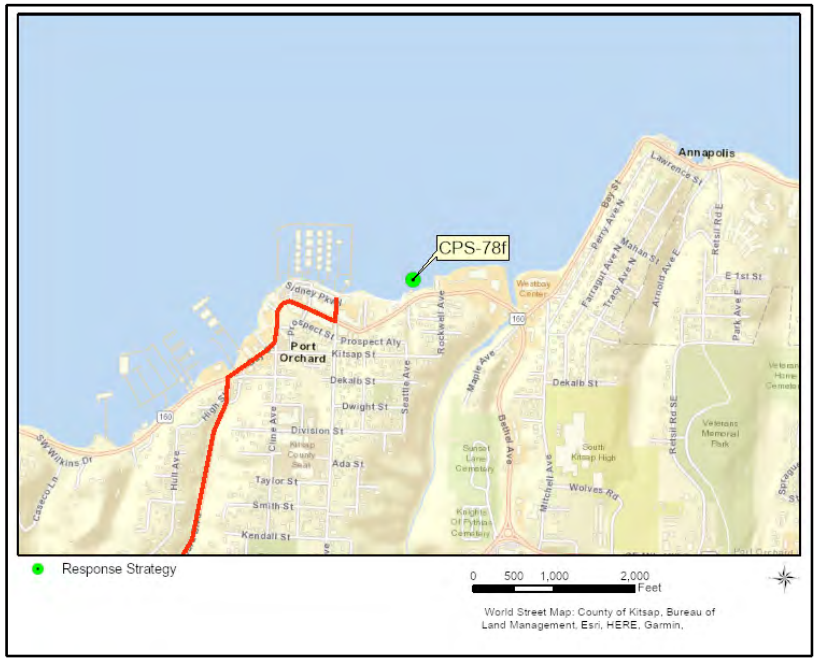
Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Port Orchard Waterfront Park - Flood Tide CPS-78f



CPS-78f Photo: From the shore, looking east towards boom. Photo taken during incident in September 2025.



Site Contact

Port of Bremerton
Land/Property Owner :
360-674-2381

Port Orchard Parks and Recreation
Secondary Contact : Boat launch owner
360-876-4991

Nearest Address

85 Sidney Ave
Port Orchard, WA 98366

Driving Directions

1. Head north on WA-16 W
2. Bear right onto ramp to Old Clifton Rd / Tremont St (0.26 miles)
3. Turn right on Tremont St W (0.69 miles)
4. Turn left on Port Orchard Blvd (1.06 miles)
5. Turn right on Bay St (WA-160) (0.37 miles)
6. Turn left on Sidney Ave (0.06 miles)
7. Finish at 85 Sidney Ave, 98366, on the right

Marsh near Port Orchard Yacht Club - Flood Tide — CPS-79f

Position - Location:	47° 32.260', -122° 38.800'	47° 32' 15.6", -122° 38' 48.0"	47.53767, -122.64667	Port Orchard

Strategy Objective: Exclusion : Keep oil off of shoreline between two docks.

Implementation: Secure end of 300ft of boom to dock next to shore, at A. Extend boom NW to corner of dock, securing to dock using piling bridle at B. Using workboat, extend boom SE, anchoring end at C. Adjust anchor points and use additional anchoring systems as needed for conditions.

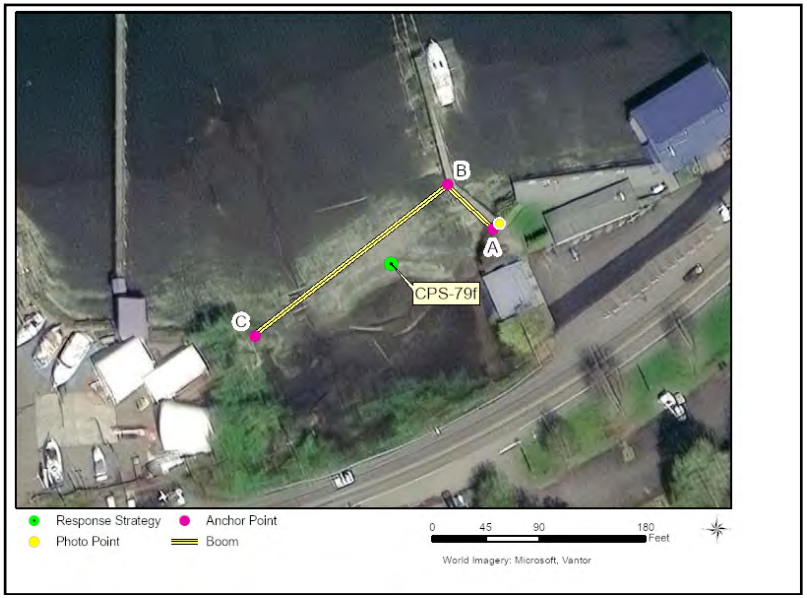
Staging Area: Onsite: Stage equipment at Yacht Club parking area.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: High tide only, shallow. Notify Yachtfish Marine prior to implementation; call 360-876-9016. Stage equipment in parking area.

Watercourse: Puget Sound - Sinclair Inlet

Resources at Risk: Marsh, 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	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Marsh near Port Orchard Yacht Club - Flood Tide CPS-79f



CPS-79f Photo: From the shore, looking west across the marsh. Photo taken during incident.



Site Contact

Port Orchard Yacht Club
Primary Contact : Commodore

Port Orchard, WA 98366
360-874-9366

Nearest Address

201 Bay St
Port Orchard, WA 98366

Driving Directions

DIRECTIONS TO SITE:
1. From Gig Harbor, drive north on WA-16 W
2. Bear right onto ramp to Old Clifton Rd / Tremont St (0.26 miles)
3. Turn right on Tremont St W (0.69 miles)
4. Turn left on Port Orchard Blvd (1.06 miles)
5. Turn left on Bay St (WA-160) (0.27 miles)
6. Turn right into parking area for Port Orchard Yacht Club at 201 Bay St, 98366

.
DIRECTIONS TO BOAT LAUNCH AT WATER STREET
1. Follow steps 1-4, above.
2. Turn right onto Bay Street (0.2 miles)
3. Turn left into the parking area for Water Street Boat Launch.

Marsh near Ross Point Tidelands - Ebb Tide — CPS-80e

Position - Location:	47° 32.320', -122° 39.392'	47° 32' 19.2", -122° 39' 23.5"	47.53866, -122.65654	Port Orchard

Strategy Objective: Exclusion : Keep oil out of salt marsh

Implementation: Secure one end of 100 ft of boom to shore at A. Then extend boom across outlet and secure remainder at B. Back boom with sorbent. Pack upstream side of outfall across road with additional sorbent. Adjust anchor points and angle as needed for conditions. At high tide, can use shallow boat and add midpoint anchor.

Staging Area: Onsite: Stage onsite at road shoulder. At high tide launch from Water Street ramp.

Site Safety: Roadway Hazard; Steep Banks; Vegetation; ; Slips, Trips, Falls; Water Hazard;

Field Notes: LANE CLOSURE REQUIRED. Follow WSDOT guidelines for safety and flaggers. Shoulder adjacent to site fits 1-2 cars, pub parking lot across street.

Watercourse: Puget Sound - Unnamed Creek at Ross Point

Resources at Risk: Forage Fish, Mud Flat(s), Salmonids, Waterfowl, Wetlands



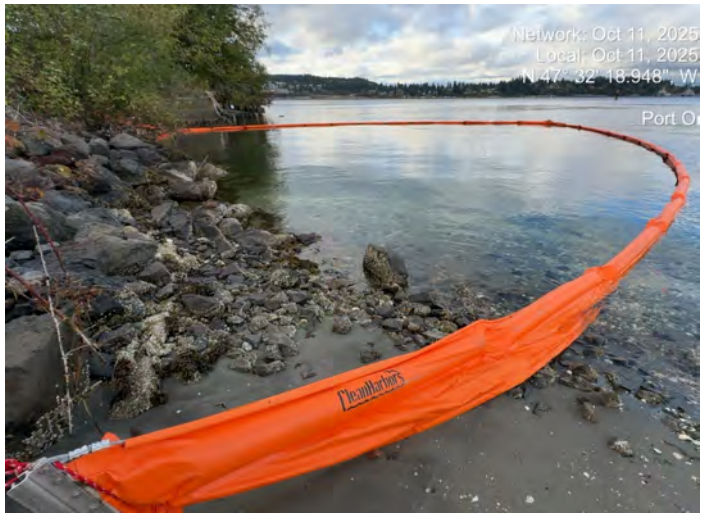
Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Marsh near Ross Point Tidelands - Ebb Tide CPS-80e



CPS-80e Photo: From the shore, looking west toward exclusion strategy. Deployed during incident in September 2025.



Site Contact

Kitsap County DEM
Municipality (County/City) : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

753 SW Bay St
Port Orchard, WA 98366

Driving Directions

1. Head north on WA-16 W
2. Bear right onto ramp to Old Clifton Rd / Tremont St (0.26 miles)
3. Turn right on Tremont St W (0.69 miles)
4. Turn left on Port Orchard Blvd (1.06 miles)
5. Turn left on Bay St (WA-160) (0.81 miles)
6. Strategy is just west and across the street from the pub/bistro parking lot.

Sinclair Inlet Tideflats - Flood Tide — CPS-81f

Position - Location:	47° 31.919', -122° 40.888'	47° 31' 55.1", -122° 40' 53.3"	47.53198, -122.68147	Port Orchard

Strategy Objective: Exclusion : Keep oil out of Sinclair Inlet tideflats

Implementation: Using workboats, secure 3000 ft of boom to north shore at outcrop, at A. Extend boom E 1500 ft and tie midpoint to concrete piling, at B. Extend remaining boom 1500 ft south and secure to shore, at C. Use additional anchors and adjust boom angle as needed for conditions.

Staging Area: Remote: Stage and launch from Port Orchard Marina; road access dangerous

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

Field Notes: Shallow water at low tide. Low outcroppings at land anchor points, concrete anchor point at apex close to waterline. May be barge tied to concrete piling.

Watercourse: Bay - Sinclair Inlet

Resources at Risk: County Park, Marsh, Mud Flat(s), Salmonids, Sensitive Resources, Waterfowl



Recommended Equipment

6	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
3000	Feet	Boom - B2 (Contractor Boom) or equivalent
1	Each	Bridle(s) - Piling (appropriately sized for boom)
2	Each	Workboat(s) - shallow-water

Recommended Personnel

2	Boat Operator
6	Laborer
2	Supervisor

Sinclair Inlet Tideflats - Flood Tide CPS-81f



CPS-81f Photo: Looking out from the head of Sinclair Inlet. Photo taken at low tide.



Site Contact

Kitsap County DEM
Municipality (County/City) : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

525 Bay Street
Port Orchard, WA 98366

Driving Directions

DIRECTIONS TO BOAT LAUNCH:
1. Start at WA 16 W in Port Orchard/Gig Harbor
2. Bear right onto the ramp to Tremont St W (0.26 miles)
3. Turn right on Tremont St W (0.16 miles)
4. At the roundabout, take the second exit onto Tremont St W (0.29 miles)
5. At the roundabout, take the second exit onto Tremont St W (0.24 miles)
6. Turn left on Port Orchard Blvd (1.06 miles)
7. Turn right on Bay St (WA-160) (0.11 miles)
8. Make a sharp left on Water St (0.02 miles)
9. Finish at 525 Bay Street, 98366, on the left

Gorst Creek (Mouth) CPS-82e

Position - Location:	47° 31.676', -122° 41.926'	47° 31' 40.5", -122° 41' 55.6"	47.52793, -122.69877	Bremerton

Strategy Objective: Exclusion : Keep oil out of Gorst Creek

Implementation: Secure one end of 100ft of boom to shore at parking area under overpass, at A. Use line and walking trail to extend boom NE across culvert and secure remainder to shore, at B. Back boom with sorbent. Adjust anchor points and boom angle as needed for conditions. If oil collects, collect from shore at A.

Staging Area: Onsite: Stage equipment in parking area of shop at 4158 WA-16 W.

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

Field Notes: Walking trail under bridge from parking area across Gorst Creek.

Watercourse: Creek - Gorst Creek

Resources at Risk: Herons, Marsh, Mud Flat(s), Salmonids, Shorebirds, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
100	Feet	Boom - Sorbent
100	Feet	Line - 3/8" poly line
1	Each	Vac Truck or Skimmer and Storage (if collection)

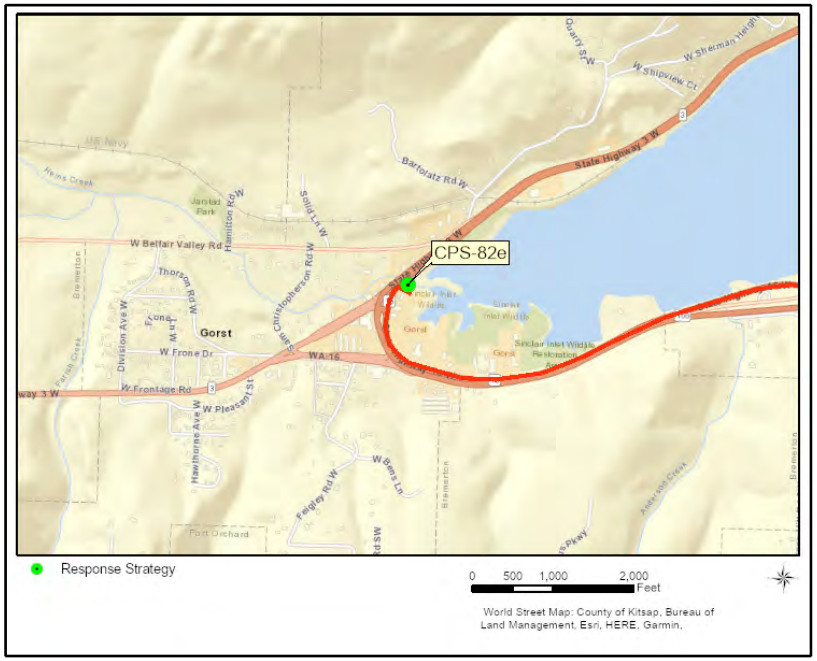
Recommended Personnel

2	Laborer
1	Supervisor

Gorst Creek (Mouth) CPS-82e



CPS-82e Photo: From anchor point B, looking W upstream towards overpass and culvert. Taken at +10ft tide.



Site Contact

Kitsap County DEM
Municipality (County/City) : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

4158 State Highway 16 W
Bremerton, WA 98312

Driving Directions

1. From Gig Harbor, drive north on WA-16 W towards Gorst/Bremerton
2. Approaching Gorst, stay in the far right lane (the one that will end).
3. Keep right at the fork to take WA-3 North towards Bremerton/Poulsbo.
4. Just before overpass / lane ending arrows, turn right into parking area for roofing business.

Charleston Creek Outfall (Bremerton) - Flood Tide — CPS-83f

Position - Location:	47° 32.516', -122° 40.537'	47° 32' 30.9", -122° 40' 32.2"	47.54193, -122.67562	Port Orchard

Strategy Objective: Exclusion : Keep oil out of creek.

Implementation: Using workboat, deploy 100ft of boom at anchor point A. Extend remainder south to anchor point C. At midpoint, extend east and secure at anchor point C, creating chevron. Use shoreside anchoring posts or existing structures to secure boom to shore. Use additional anchoring systems to keep boom secure in water. Adjust as needed for conditions.

Staging Area: Remote: Stage equipment at SA-CPS-70 Water Street Boat Launch (525 Bay St, Port Orchard, WA 98366).

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

Field Notes: CAUTION - active railroad tracks next to shore. Rip-rap shoreline. No vehicle access.

Watercourse: Puget Sound - Sinclair Inlet

Resources at Risk: Estuary Resources, Salmonids



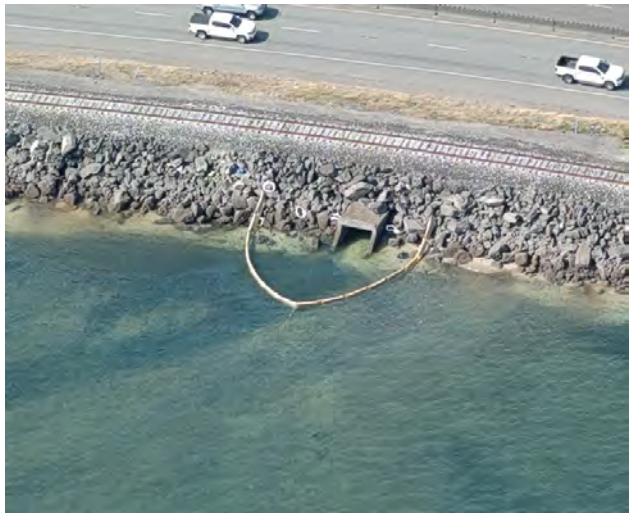
Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
100	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

Charleston Creek Outfall (Bremerton) - Flood Tide CPS-83f



CPS-83f Photo: From above Sinclair Inlet, looking west toward outfall. Photo was taken during incident in September 2025.



Site Contact

Kitsap County DEM
Municipality (County/City) : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

525 Bay Street
Port Orchard, WA 98366

Driving Directions

DIRECTIONS TO BOAT LAUNCH AT PORT ORCHARD (WATER STREET):
1. From Gig Harbor, drive northwest on WA-16 W
2. Take the Tremont St exit toward Old Clifton Rd (0.2 mi)
3. Turn right onto Tremont St W (0.7 mi)
4. Turn left onto Port Orchard Blvd (1.1 mi)
5. Turn right onto Bay St (0.2 mi)
6. Finish at Water Street Boat Launch, on the left.

Westside of Puget Sound Naval Shipyard — CPS-84

Position - Location:	47° 33.049', -122° 39.602'	47° 33' 3.0", -122° 39' 36.1"	47.55082, -122.66003	Bremerton

Strategy Objective: Collection : Collect oil from Puget Sound

Implementation: Secure 800ft of boom to shore near rip-rap, at A. Using workboat, extend boom SE at an angle towards carriers, and anchor remaining end of boom in-water. Use additional anchors, adjust boom angle, or move anchor points as needed for conditions. Collect from shore at A.

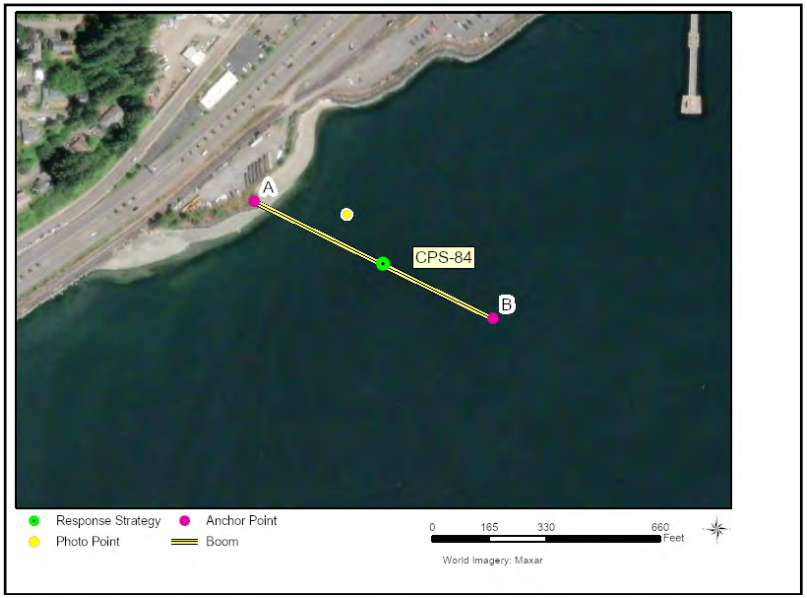
Staging Area: Onsite: Stage equipment onsite or at Port Orchard Marina

Site Safety: Railroad Crossing; Road Traffic; Slips, Trips, Falls; Water Hazard; Slippery Banks

Field Notes: CAUTION: unmarked railroad crossing. Notify Puget Sound Naval Shipyard before arriving; call 360-476-7111.

Watercourse: Puget Sound - Sinclair Inlet

Resources at Risk: Eelgrass, Shorebirds, Waterfowl



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
800	Feet	Boom - B2 (18" to 42")
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Westside of Puget Sound Naval Shipyard CPS-84



CPS-84 Photo: Looking NW toward anchor point A and collection point.



Site Contact

Puget Sound Naval Shipyard / NBK
Primary Contact : Spill Team Duty Phone
360-552-5590

Navy On Scene Coordinator (NOSC)
Alternate Contact : Duty phone - base access
360-340-5991

Nearest Address

1127 Charleston Beach Rd E
Bremerton, WA 98312

Driving Directions

DIRECTIONS TO SITE FOR VAC TRUCK:
1. Start at WA-16 W Port Orchard
2. Go on WA-16 W (2.07 miles)
3. Continue on WA-3 N (1.88 miles)
4. At exit 36 bear right onto ramp to WA-304 E toward Bremerton (0.3 miles)
5. Continue on Navy Yard Hwy (WA-304 N) (0.6 miles)
6. Turn right on Charleston Beach Rd W (0.02 miles)
7. Turn right into Lot F and continue to end of road with truck parking

.
DIRECTIONS TO BOAT LAUNCH AT PORT ORCHARD WATER STREET:
1. From Gig Harbor, drive northwest on WA-16 W
2. Take the Tremont St exit toward Old Clifton Rd (0.2 mi)
3. Turn right onto Tremont St W (0.7 mi)
4. Turn left onto Port Orchard Blvd (1.1 mi)
5. Turn right onto Bay St (0.2 mi)
6. Finish at Water Street Boat Launch, on the left.

Clam Bay - NMFS Fish Net Pens — CPS-90

Position - Location:	47° 34.399', -122° 32.707'	47° 34' 23.9", -122° 32' 42.4"	47.57331, -122.54511	Port Orchard

Strategy Objective: Exclusion : Keep oil out of fish pens

Implementation: Using workboat, use line to tie 800ft boom to fish net pens. Wrap boom around pens and connect both ends to permanent boom in place below the pier. If onsite buoys are not keeping boom off structure, use floats or set additional anchors.

Staging Area: Onsite: Stage in parking area at Manchester Lab, launch from Pomeroy.

Site Safety: Narrow Pilings; Sea Lions; Slips, Trips, Falls; Water Hazard

Field Notes: Notify NOAA Fisheries before arriving; call 206-842-5434. Stage equipment in parking area at Manchester Lab by dock. With permission can drive pickup to end of dock.

Watercourse: Puget Sound - Clam Bay

Resources at Risk: Fish Pens



Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
800	Feet	Boom - B2 (18" to 42")
100	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

Clam Bay - NMFS Fish Net Pens CPS-90



CPS-90 Photo: From water, looking N at fish pens with boom deployed.



Site Contact

Manchester Research Station
Primary Contact :

Manchester, WA 98353
206-842-5434

Nearest Address

7305 Beach Dr. E
Port Orchard, WA 98366

Driving Directions

DIRECTIONS TO SITE FROM GIG HARBOR:
1. Head north on WA-16 W
2. Take ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Fy (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (2.45 miles)
4. Turn left on Long Lake Rd SE (1.79 miles)
5. Make sharp right on Woods Rd SE (0.86 miles)
6. Turn right on SE Mile Hill Dr (WA-160) (0.5 miles)
7. Turn left on California Ave SE (1.25 miles)
8. Turn right on E Chester Rd (0.18 miles)
9. Turn right on E Madrone Ave (0.34 miles)
10. Bear right on E Main St (0.11 miles)
11. Turn left at stop sign, onto Beach Dr E (1.03 miles)
12. Turn right into NOAA Fisheries Manchester Research Station (sign for Manchester Laboratory).
13. Continue through gates, take right fork, and follow road to end. Large parking area by fisheries buildings and dock.

Beaver Creek at Clam Bay (Ebb Tide) CPS-91e

Position - Location:	47° 34.189', -122° 33.116'	47° 34' 11.3", -122° 33' 7.0"	47.56981, -122.55194	Port Orchard

Strategy Objective: Exclusion : Keep oil out of Beaver Creek

Implementation: Secure one end of 100ft length of boom to north shore of creek, at A. Use shallow boat or waders and line to extend boom S across mouth of creek and secure other end to shore at B. Back with sorbent or only use sorbent. Adjust as needed for conditions.

Staging Area: Onsite: Stage in parking area at Manchester Research Station. If boat required, handlaunch onsite.

Site Safety: Submerged Logs and Debris; Steep Slopes; Vegetation; Slips, Trips, Falls; Water Hazard

Field Notes: Notify NOAA Fisheries prior to implementation; call 206-842-5434. Hand-launch boat ramp from parking lot 50ft from strategy. Walkable in waders at low tide, at high tide shallow boat may be easier.

Watercourse: Bay - Beaver Creek Tidal Estuary

Resources at Risk: Estuary Resources, Salmonids



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Beaver Creek at Clam Bay (Ebb Tide) CPS-91e



CPS-91e Photo: Looking W toward mouth of Beaver Creek



Site Contact

Manchester Research Station
Primary Contact :

Manchester, WA 98353
206-842-5434

Nearest Address

7357 Beach Dr E
Port Orchard, WA 98366

Driving Directions

1. Head north on WA-16 W
2. Take ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Fy (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (2.45 miles)
4. Turn left on Long Lake Rd SE (1.79 miles)
5. Make sharp right on Woods Rd SE (0.86 miles)
6. Turn right on SE Mile Hill Dr (WA-160) (0.5 miles)
7. Turn left on California Ave SE (1.25 miles)
8. Turn right on E Chester Rd (0.18 miles)
9. Turn right on E Madrone Ave (0.34 miles)
10. Bear right on E Main St (0.11 miles)
11. Turn left on Beach Dr E (1.03 miles)
12. Turn right into NOAA Fisheries Manchester Research Station, on the right.

Clam Bay (Flood Tide) CPS-91f

Position - Location:	47° 34.246', -122° 33.022'	47° 34' 14.7", -122° 33' 1.3"	47.57076, -122.55037	Port Orchard

Strategy Objective: Exclusion : Keep oil away from shoreline and out of Beaver Creek.

Implementation: Using workboat, deploy 1100ft of boom at anchor point A. Extend remainder north to anchor point C. At midpoint, extend east and secure at anchor point C, creating chevron. Use shoreside anchoring posts, trees, or existing structures to secure boom to shore. Use additional anchoring systems to keep boom secure in water. Adjust as needed for conditions.

Staging Area: Remote: Stage equipment at SA-CPS-90 Pomeroy Park (8067 E Main St, Port Orchard, WA 98366).

Site Safety: Pipeline in Water; Slips, Trips, Falls; Water Hazard

Field Notes: Deployment only possible at high tide (bay is 3ft deep in the center!). NOAA property is to the west, EPA property is to the north, and Navy property is to the south.

Watercourse: Puget Sound - Clam Bay

Resources at Risk: Eelgrass, Habitat Restoration Site, Marine Birds, Marine Mammals, Mud Flat(s), Salmonids, Shellfish, Waterfowl



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1100	Feet	Boom - B2 (18" to 42")
1	Kit	Waders
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Clam Bay (Flood Tide) CPS-91f



CPS-91f Photo: From Navy property, looking north toward fully deployed strategy.



Site Contact

NOAA
Land/Property Contact : NW Fisheries Research Station

Manchester, WA 98353
206-842-5434

Nearest Address

9003 E Main St
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor take WA-16 W towards Port Orchard
2. Take ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Fy (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (2.45 miles)
4. Turn left on Long Lake Rd SE (1.79 miles)
5. Make sharp right on Woods Rd SE (0.86 miles)
6. Turn right on SE Mile Hill Dr (WA-160) (0.5 miles)
7. Turn left on California Ave SE (1.25 miles)
8. Turn right on E Chester Rd (0.18 miles)
9. Turn right on E Madrone Ave (0.34 miles)
10. Bear right on E Main St (0.11 miles)
NOTE - TO ACCESS POMEROY PARK BOAT LAUNCH, CONTINUE STRAIGHT ON MAIN STREET TO END OF ROAD
11. TO ACCESS SITE: Turn left at stop sign, onto Beach Dr E (1.03 miles)
12. Turn right into NOAA Fisheries Manchester Research Station, (sign for Manchester Laboratories). Follow road through gate, then turn right into the first large parking area.

Little Clam Bay — CPS-92

Position - Location:	47° 34.100', -122° 32.838'	47° 34' 6.0", -122° 32' 50.3"	47.56833, -122.54730	Port Orchard

Strategy Objective: Exclusion : Keep oil contained in Little Clam Bay and out of Clam Bay & Rich Passage.

Implementation: Using workboat, deploy 600ft boom at anchor point A (attach to tree near culvert with pier anchor). Then extend boom east and secure end near anchor point C. Near boom midpoint, use workboat to pull boom north, creating a chevron, and set near anchor point B. Use anchoring systems as needed to keep boom secure. Adjust boom angle and anchor points as needed for conditions. Use anchor posts, existing structures, or trees to secure boom to shoreline.

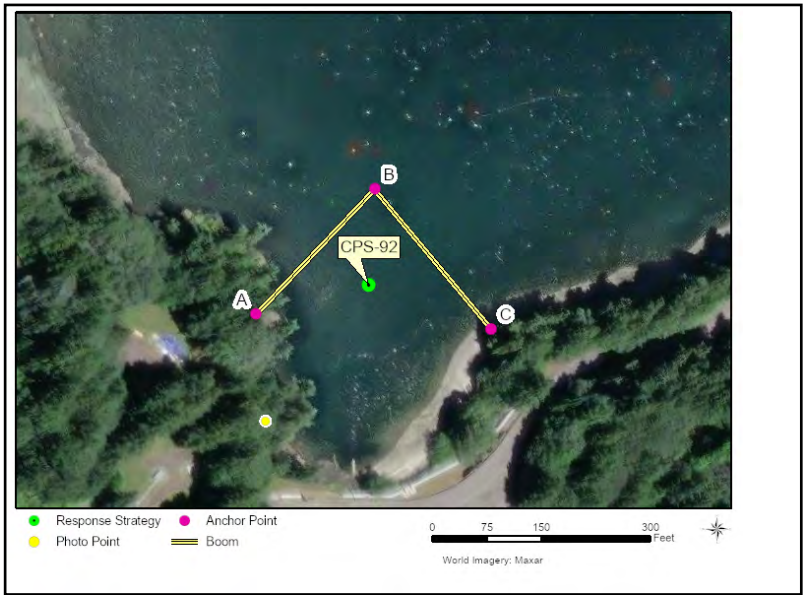
Staging Area: Remote: Stage equipment at SA-CPS-90 at Pomeroy Park (9003 E Main St, Port Orchard, WA 98366).

Site Safety: Slips, Trips, Falls; Submerged Structures; Uneven Surfaces; Vessel Traffic; Water Hazard

Field Notes: This strategy could also be used to collect oil spilling from the nearby pipeline (place skimmer at apex of chevron). Avoid the concrete underwater structure at low tide. Call the Navy before deployment.

Watercourse: Puget Sound - Little Clam Bay

Resources at Risk: Habitat Restoration Site, Marine Birds, Marsh, Mud Flat(s), Salmonids, Waterfowl



Recommended Equipment

5	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	Supervisor

Little Clam Bay CPS-92



CPS-92 Photo: From near anchor point A, looking northeast with workboat at apex of chevron. Photo taken at drill in November 2023.



Site Contact

Manchester Fuel Department Security
Primary Contact : US Navy - also reach NMFS

360-476-2158

Nearest Address

9003 E Main St
Port Orchard, WA 98366

Driving Directions

TO STAGING AREA/BOAT LAUNCH at Pomeroy Park (SABL-CPS-90):
1. Head northwest WA-16 W toward Port Orchard
2. Take the Tremont St exit toward Old Clifton Rd
3. Turn right onto Tremont St W (0.9 mi)
4. Continue onto SE Lund Ave (0.7 mi)
5. Turn left onto Bethel Rd SE (1.1 mi)
6. At the traffic circle, take the 1st exit onto Mile Hill Dr (3.6 mi)
7. Turn left onto Colchester Dr SE (1.7 mi)
8. Turn right onto E Main St
9. Finish at Pomeroy Park

Curley Creek at Yukon Harbor (Flood Tide) CPS-93f

Position - Location:	47° 31.408', -122° 32.761'	47° 31' 24.5", -122° 32' 45.6"	47.52346, -122.54601	Port Orchard

Strategy Objective: Exclusion : Keep oil out of Curley Creek

Implementation: At high tide, use shallow workboat to secure 200 ft of boom to shore near bridge, at A. Extend boom E across creek, anchoring to shore near bridge at B. Back with sorbent. At low tide, use line to drape 100ft of sorbent across both sides of bridge.

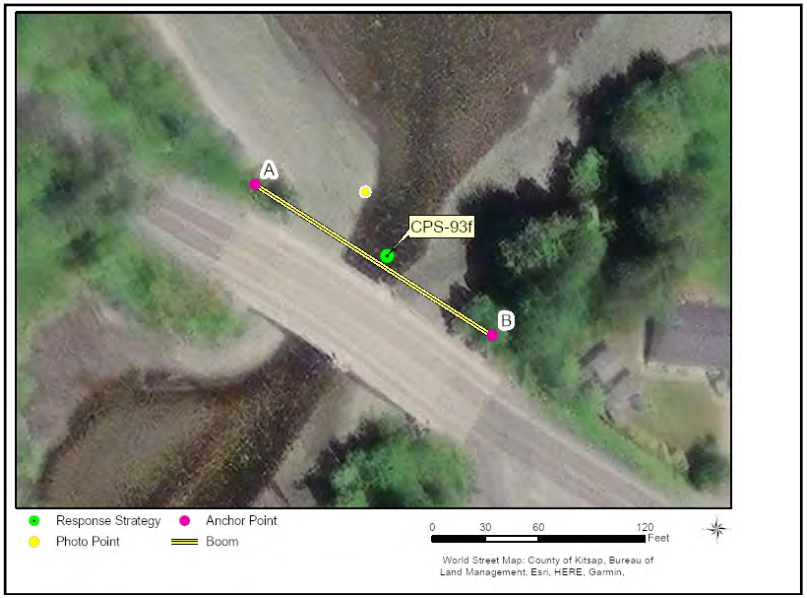
Staging Area: Onsite: Stage along bridge. At high tide, launch from Pomeroy Park, Manchester.

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

Field Notes: Boat at high tide only (8+ feet). Lane closure recommended, follow WSDOT guidelines. Parking for 2 cars on Banner Rd shoulder.

Watercourse: Estuary - Yukon Harbor - Curley Creek

Resources at Risk: Estuary Resources, Forage Fish, Marine Birds, Marsh, Salmonids, Shellfish, Waterfowl



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Curley Creek at Yukon Harbor (Flood Tide) CPS-93f



CPS-93f Photo: From Curley Creek left, looking east at B and bridge. Taken at +3ft tide.



Site Contact

Kitsap County DEM
Emergency Contact : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

8041 SE Bay St
Port Orchard, WA 98366

Driving Directions

DIRECTIONS TO SITE FROM GIG HARBOR:
1. Head north on WA-16 W
2. Take ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Fy (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (3.69 miles)
4. Turn left on Locker Rd SE (1.75 miles)
5. Make sharp right on SE Southworth Dr (WA-160) (0.2 miles)
6. Finish at Curley Creek bridge.

DIRECTIONS TO POMEROY BOAT LAUNCH FROM GIG HARBOR:
1. Head northwest WA-16 W toward Port Orchard
2. Take the Tremont St exit toward Old Clifton Rd
3. Turn right onto Tremont St W (0.9 mi)
4. Continue onto SE Lund Ave (0.7 mi)
5. Turn left onto Bethel Rd SE (1.1 mi)
6. At the traffic circle, take the 1st exit onto Mile Hill Dr (3.6 mi)
7. Turn left onto Colchester Dr SE (1.7 mi)
8. Turn right onto E Main St
9. Finish at Pomeroy Park

Harper Park (Ebb Tide) CPS-94e

Position - Location:	47° 31.021', -122° 30.974'	47° 31' 1.2", -122° 30' 58.5"	47.51701, -122.51624	Port Orchard

Strategy Objective: Exclusion : Keep oil out of tidal lagoon

Implementation: Secure end of 100ft of boom to shore at dirt parking area, at A. Extend boom NE across inlet pipe and side channel, anchoring at B. Back with sorbent. Deploy additional sorbent across road at other pipe. Adjust boom angle as needed for conditions or erosion.

Staging Area: Onsite: Stage onsite in dirt parking area of Harper Park.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Kitsap County Park. Shallow tidal mudflat area, inlets have been moved recently for habitat.

Watercourse: Puget Sound - Yukon Harbor

Resources at Risk: Marsh, Recreational Use Area, Salmonids, Wetlands



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Harper Park (Ebb Tide) CPS-94e



CPS-94e Photo: From parking area, E at pipe before side channel was constructed. Taken at +4ft tide.



Site Contact

Kitsap County Parks Department
Municipality (County/City) : Property Managers

Port Orchard, WA 98366
360-337-5350

Nearest Address

3500 SE Southworth Drive
Port Orchard, WA 98366

Driving Directions

1. Head north on WA-16 W
2. Take ramp on the right to WA-160 E / Sedgwick Rd toward Southworth Fy (0.29 miles)
3. Turn right on SE Sedgwick Rd (WA-160) (5.97 miles)
4. Turn left on Cottonwood Dr SE (0.37 miles)
5. Turn left on Stohlton Rd SE (0.26 miles)
6. Turn left on SE Southworth Dr (WA-160) (0.29 miles)
7. Turn right on SE olympiad Dr (0.01 mi)
8. Finish at Harper park, on the left

Olalla Bay — CPS-95

Position - Location:	47° 25.291', -122° 32.512'	47° 25' 17.5", -122° 32' 30.7"	47.42152, -122.54186	Olalla

Strategy Objective: Exclusion : Keep oil out of Olalla Bay

Implementation: Secure one end of 200ft of boom to shore at boat launch, at A. Using waders or bridge, or shallow-water boat, extend boom SE across channel and secure to roadside at B. Back with sorbent. At high tide, use boat to secure second 200ft of boom across east side of bridge, then extend midpoint into channel to create a chevron. Collect oil at boat launch. Adjust anchor points and boom angle as needed for conditions.

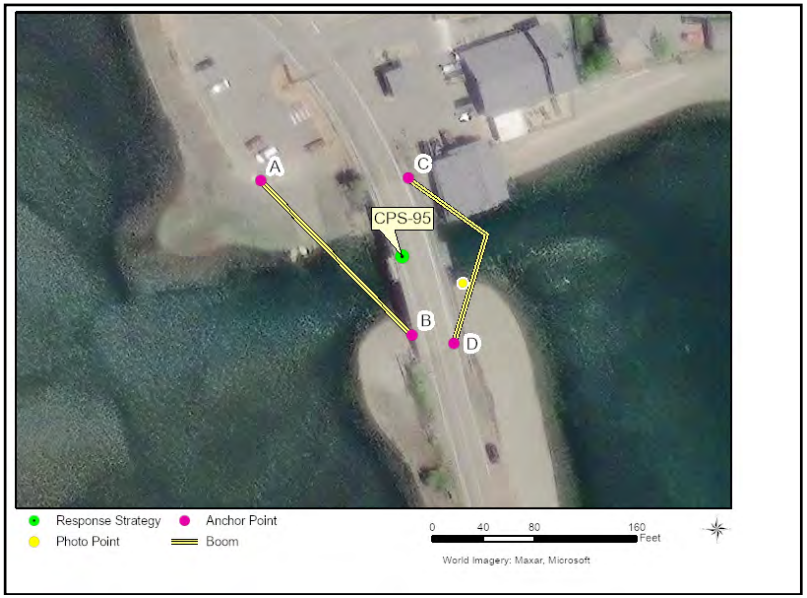
Staging Area: Onsite: Stage at boat launch parking area. At high tide launch elsewhere, bridge too low.

Site Safety: Low Bridge; Road Hazard; Slips, Trips, Falls; Water Hazard; Kayakers; Fishing

Field Notes: Low bridge (~5ft at high tide). Extreme shallow and narrow channel except at highest tide. Use bridge, waders, or kayak to get line across channel.

Watercourse: Puget Sound - Olalla Bay

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



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
4	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B2 (18" to 42")
200	Feet	Boom - Sorbent
200	Feet	Line - 3/8” poly line
1	Each	Vac Truck or Skimmer and Storage (if collection)
1	Each	Waders
1	Each	Workboat(s) - shallow-water

Recommended Personnel

2	Laborer
1	Supervisor

Olalla Bay CPS-95



CPS-95 Photo: Looking N towards restaurant and boat launch from beach east of bridge. Taken at +9ft tide.



Site Contact

Kitsap County DEM
Primary Contact : Emergency Management

Bremerton, WA 98337
360-307-5871

Nearest Address

13925 Crescent Valley Rd SE
Olalla, WA 98359

Driving Directions

1. Start at WA-16 W Gig Harbor
2. Go on WA-16 W (7.76 miles)
3. Bear right onto the ramp at exit 20 to SE Burley Olalla Rd (0.23 miles)
4. Turn right on SE Burley Olalla Rd (2.48 miles)
5. Turn right on Olalla Valley Rd SE (1.56 miles)
6. Continue forward on Crescent Valley Rd SE (0.02 miles)
7. Turn right into the parking area for the boat launch, before the bridge.

Miller Creek (Normandy Park) - Ebb Tide — CPS-100e

Position - Location:	47° 26.625', -122° 21.494'	47° 26' 37.5", -122° 21' 29.6"	47.44375, -122.35823	Normandy Park

Strategy Objective: Exclusion : Keep oil out of Miller Creek salt marsh

Implementation: Secure 100ft of boom across creek at an angle, using pedestrian bridge between helipad and house. Back with sorbent. Adjust for conditions.

Staging Area: Onsite: Stage at parking area of private park.

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

Field Notes: Private community park with multiple pedestrian bridges. Parking lot is 500' from site. If access to this bridge is blocked, move to next bridge down.

Watercourse: Creek - Miller Creek / Walker Creek

Resources at Risk: Estuary Resources, Marsh, Salmonids, Sensitive Resources



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
50	Feet	Boom - B3 (River Boom) or equivalent
50	Feet	Boom - Sorbent
100	Feet	Line - 3/8” poly line
1	Each	Machete(s) - (or other vegetation cutting tool)

Recommended Personnel

2	Laborer
1	Supervisor

Miller Creek (Normandy Park) - Ebb Tide CPS-100e



CPS-100e Photo: From park side by helipad, looking N at pedestrian bridge and private home. Taken at +10ft tide



Site Contact

Normandy Park Community Club (The Cove)
Primary Contact : Private Park Managers

Normandy Park, WA 98166
206-242-3778

Nearest Address

1600 SW Shoreline Dr
Normandy Park, WA 98166

Driving Directions

1. From downtown Seattle, take I-5 South.
2. Take exit 162 to Corson Ave toward Michigan St (0.67 miles)
3. Continue forward on Corson Ave S (0.13 miles)
4. Turn right on S Michigan St (0.49 miles)
5. Bear right onto the ramp and go on WA-509 S (5.98 miles)
6. Take the ramp on the right to S. 160th St. (0.2 miles)
7. Turn right on S 160th St (0.16 miles)
8. Turn left on 1st Ave S (0.69 miles)
9. Turn right on SW 171st St (0.27 miles)
10. Turn left on 4th Ave SW (0.13 miles)
11. Bear right on SW 174th St (0.5 miles)
12. Continue forward on Marine View Dr SW (0.06 miles)
13. Turn right on SW Shorebrook Dr (0.33 miles)
14. Follow road to dead end parking area. Sign for private park. Site is along walking trail to the NW.

Des Moines Creek - Ebb Tide — CPS-110e

Position - Location:	47° 24.220', -122° 19.807'	47° 24' 13.2", -122° 19' 48.4"	47.40367, -122.33011	Des Moines

Strategy Objective: Exclusion : Keep oil out of Des Moines Creek

Implementation: Secure 100ft of boom at an angle across creek entrance, using pedestrian bridge. Back with sorbent. Adjust for conditions.

Staging Area: Onsite: Stage onsite at parking lot - if full, use marina parking.

Site Safety: Rip-Rap; Traffic Hazard (parking); Slips, Trips, Falls; Water Hazard

Field Notes: Inaccessible by boat. Rip-Rap shoreline. Popular public park with pedestrian bridge over creek culvert.

Watercourse: Creek - Des Moines Creek at East Passage Puget Sound

Resources at Risk: City Park, Historic Register Site, Marsh, Salmonids, Sensitive Resources Nearby



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (Contractor Boom) or equivalent
100	Feet	Boom - Sorbent

Recommended Personnel

2	Laborer
1	Supervisor

Des Moines Creek - Ebb Tide CPS-110e



CPS-110e Photo: From trail by parking area, looking N across inlet to Des Moines Creek. Taken at high tide, +11ft.



Site Contact

City of Des Moines Parks
Primary Contact : Park Management Office

Des Moines, WA 98198
206-870-6527

Nearest Address

22030 Cliff Ave S
Des Moines, WA 98198

Driving Directions

1. From Seattle, take I-5 South towards Des Moines
2. Take the ramp on the right at exit 151 to S. 200th St. / Military Rd. (0.24 miles)
3. Turn left on Military Rd S (1.02 miles)
4. Turn right on S 216th St (1.65 miles)
5. Continue forward on 7th Pl S (0.05 miles)
6. Continue forward on 7th Ave S (0.41 miles)
7. Turn right on S 223rd St (0.11 miles)
8. Continue forward on Cliff Ave S (0.11 miles)
9. Continue forward on Nebo Blvd (Cliff Ave S) (0.02 miles)
10. Turn left into small parking area for Des Moines Beach Park.

Des Moines Fishing Pier — CPS-111

Position - Location:	47° 24.127', -122° 19.901'	47° 24' 7.6", -122° 19' 54.1"	47.40211, -122.33169	Des Moines

Strategy Objective: Collection : Collect oil from Puget Sound

Implementation: Using workboat, secure 400ft of boom to shore at parking area on south side of pier, at A. Extend west and set piling bridle at B, then pull SW past end of rock jetty and anchor at C. Collect from shore at A. Adjust as needed for conditions and boat traffic.

Staging Area: Onsite: Stage onsite in parking area. Marina onsite has sling launch, Yacht Club just south has ramp.

Site Safety: Tall Pier; Vehicle Hazard; Fishing; Slips, Trips, Falls; Water Hazard

Field Notes: At low tide pier has 20ft drop to shore. Coordinate with Des Moines Marina and Yacht Club about closing entrance.

Watercourse: Puget Sound - East Passage

Resources at Risk: City Park, Economic Resources, Historic Register Site, Sensitive Resources



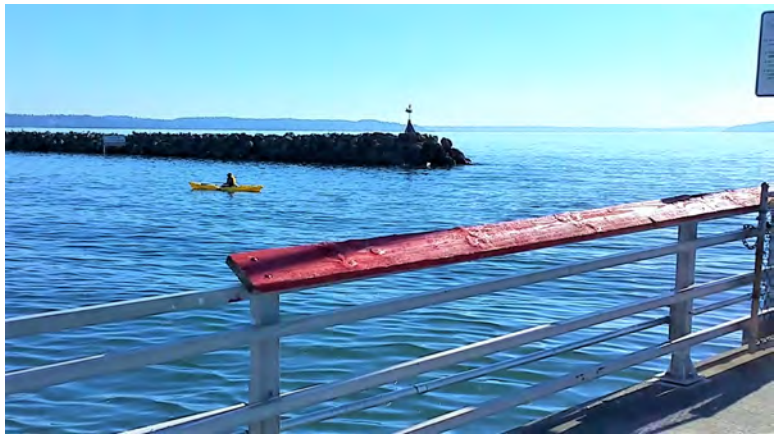
Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Des Moines Fishing Pier CPS-111



CPS-111 Photo: From A at base of pier near bathrooms, looking southwest across marina inlet to edge of rock jetty. Taken at high tide, +11ft.



Site Contact

City of Des Moines Marina
Primary Contact :

WA
206-824-5700

Nearest Address

22201 Dock Ave
Des Moines, WA 98198

Driving Directions

DIRECTIONS TO SITE FOR VAC TRUCK:
1. From Seattle, take I-5 South towards SeaTac
2. Bear right onto the ramp at exit 149 to WA-516 toward Kent / Des Moines (0.26 miles)
3. Turn right on S Kent des Moines Rd (WA-516) (1.94 miles)
4. Continue forward on Marine View Dr S (WA-509) (0.34 miles)
5. Turn left on S 223rd St (0.17 miles)
6. Continue forward on Cliff Ave S (0.1 miles)
7. Turn left on Dock St (0.02 miles)
8. Turn left on Dock Ave S (0.01 miles)
9. Turn right into parking lot for Des Moines Marina / Fishing Pier.

BOAT LAUNCH:
Marina has sling launch just south of parking area.
Can also request permission to launch at standard ramp at Des Moines Yacht Club (south on Dock Street, left on S 227th, right before light), or drive 5 mi south to Redondo Beach Boat Launch (also operated by Des Moines Marina).

Massey Creek (Des Moines) CPS-112

Position - Location:	47° 23.794', -122° 19.670'	47° 23' 47.7", -122° 19' 40.2"	47.39657, -122.32784	Des Moines

Strategy Objective: Exclusion : Keep oil out of Massey Creek

Implementation: Secure 100ft of boom to north shore of creek, at Yacht Club. Use line or waders to extend boom S across creek and secure other end to shore at an angle. Back with sorbent. Adjust as needed for conditions. If product collects, use skimmer/storage from Yacht Club to remove.

Staging Area: Onsite: Use Yacht Club parking lot for staging onsite.

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

Field Notes: Deploy from Yacht Club property. Narrow creek with rip-rap next to large sandy beach. Private property on either side.

Watercourse: Creek - Massey Creek at East Passage

Resources at Risk: Riparian Habitat, Salmonids



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Boom - Sorbent
100	Feet	Line - 3/8” poly line
1	Each	Vac Truck or Skimmer and Storage (if collection)
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Massey Creek (Des Moines) CPS-112



CPS-112 Photo: From Yacht Club, looking SE at Massey Creek entrance. Taken at +7 ft tide.



Site Contact

City of Des Moines Marina
Primary Contact :

WA
206-824-5700

Nearest Address

22737 Marine View Dr S
Des Moines, WA 98198

Driving Directions

1. From Seattle, take I-5 South towards Des Moines.
2. Bear right onto the ramp at exit 149 to WA-516 toward Kent / Des Moines (0.26 miles)
3. Turn right on S Kent des Moines Rd (WA-516) (1.94 miles)
4. Continue forward on Marine View Dr S (WA-509) (0.07 miles)
5. Take the next left onto S 227th St
6. Turn left after the bank, at sign for Des Moines Yacht Club
7. Enter through the gate for the Yacht Club, then turn right.
8. Site is at the SW corner of the property.

Saltwater State Park (Des Moines) - Ebb Tide — CPS-113e

Position - Location:	47° 22.370', -122° 19.492'	47° 22' 22.2", -122° 19' 29.5"	47.37284, -122.32486	Des Moines

Strategy Objective: Exclusion : Keep oil out of McSorley Creek

Implementation: Secure 100ft of boom to north shore of creek, at A. Toss line to extend boom south across creek and secure to shore at B. Set midpoint anchor if needed for tide and conditions.

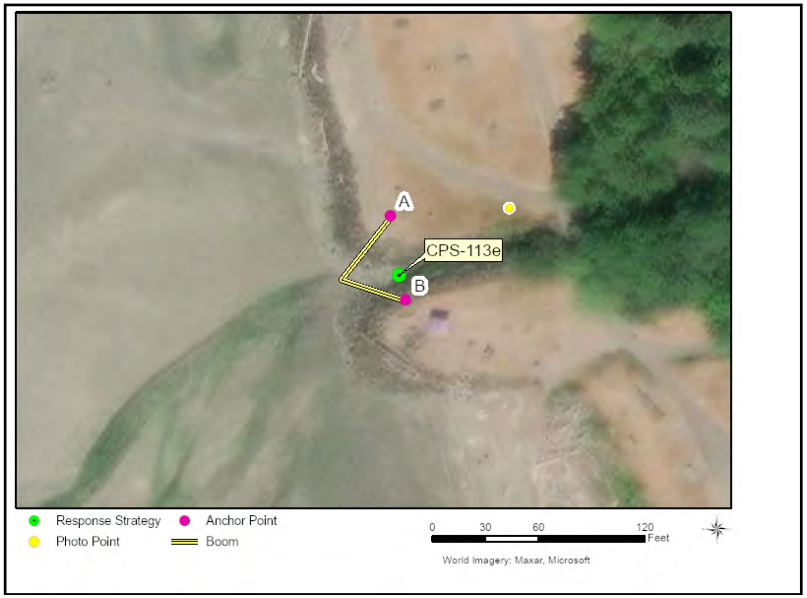
Staging Area: Onsite: Stage onsite in parking or picnic areas. Bathrooms onsite.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Gates locked at night. Scuba park offshore. Can easily tie rope to park structures. Rip-rap bank at stream mouth near pedestrian bridge.

Watercourse: Estuary - East Passage at McSorley Creek

Resources at Risk: Estuary Resources, Forage Fish, Salmonids, Sensitive Resources, State Park



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Saltwater State Park (Des Moines) - Ebb Tide CPS-113e



CPS-113e Photo: From creek right by bridge, looking SW at McSorley Creek mouth. Taken at +3ft tide.



Site Contact

Washington State Parks and Rec Commission
Land/Property Owner : Saltwater State Park

Des Moines, WA 98198
253-661-4956

Nearest Address

25205 8th Place South
Des Moines, WA 98198

Driving Directions

1. From Tacoma, drive north on I-5 towards Des Moines.
2. Bear right onto the ramp at exit 147 to S. 272nd St. (0.32 miles)
3. Turn left on S 272nd St (0.87 miles)
4. Turn right on 16th Ave S (WA-509) (1.07 miles)
5. Turn left on 14th Pl S (0.23 miles)
6. Continue forward on S 258th St (0.19 miles)
7. Turn right on Marine View Dr S (WA-509) (0.38 miles)
8. Turn left on S 252nd St (0.06 miles)
9. Bear right on 8th Pl S (0.01 miles)
10. Turn left at stop sign, gate and signs for Saltwater State Park.
11. Follow road south, signs to parking area near beach.

Saltwater State Park Tideflats - Flood Tide — CPS-113f

Position - Location:	47° 22.374', -122° 19.538'	47° 22' 22.4", -122° 19' 32.3"	47.37290, -122.32563	Des Moines

Strategy Objective: Exclusion : Keep oil off mudflats and shoreline at Saltwater State Park

Implementation: Using shallow-water workboat, secure 1000 ft of boom to pilings at south edge of park, at A. Extend north across outfall and secure other end to rip-rap or park structures, at C. Pull midpoint of boom west into sound and secure at B. Adjust anchor points and use additional anchors as needed for conditions.

Staging Area: Remote: Room for staging onsite and access from parking, but launch from Tacoma.

Site Safety: SCUBA Park; Sandbars; Rip-Rap; Slips, Trips, Falls; Water Hazard; Public Park

Field Notes: Do not deploy at low tide - too shallow. At mid or high tide watch for sandbars near outfall. Saltwater Underwater Park is nearby (north and west of boom), watch for divers and buoys.

Watercourse: Puget Sound - McSorley Creek at Puget Sound

Resources at Risk: Forage Fish, Mud Flat(s), Salmonids, State Park, 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	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Workboat(s) - shallow-water

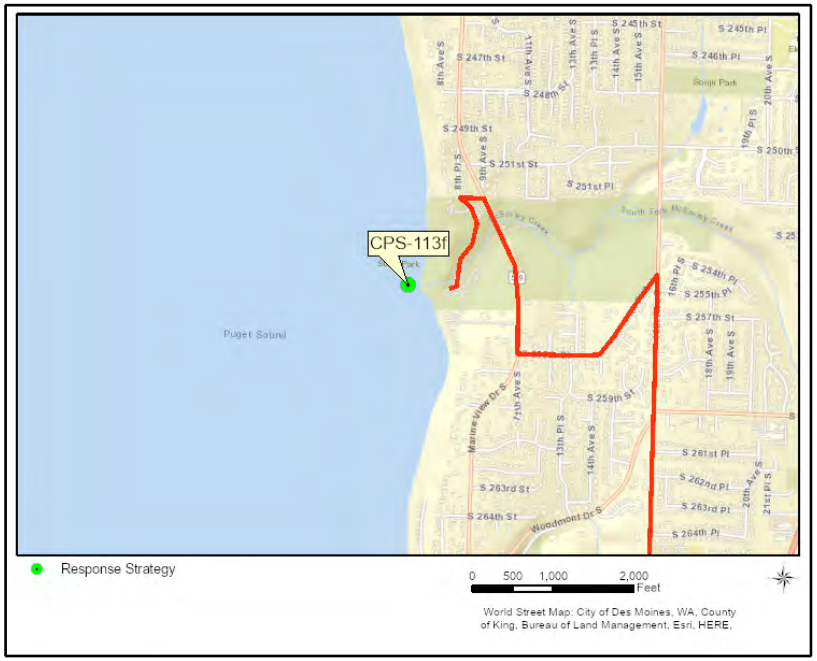
Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Saltwater State Park Tideflats - Flood Tide CPS-113f



CPS-113f Photo: From boat near northern anchor point (C) by restrooms, looking S across outfall towards southern anchor point (A), by houses. Taken at +12 ft, high tide.



Site Contact

Washington State Parks and Rec Commission
Primary Contact : Saltwater State Park

Des Moines, WA 98198
253-661-4956

Nearest Address

25205 8th Place S
Des Moines, WA 98198

Driving Directions

1. From Tacoma, drive north on I-5 towards Des Moines.
2. Bear right onto the ramp at exit 147 to S. 272nd St. (0.32 miles)
3. Turn left on S 272nd St (0.87 miles)
4. Turn right on 16th Ave S (WA-509) (1.07 miles)
5. Turn left on 14th Pl S (0.23 miles)
6. Continue forward on S 258th St (0.19 miles)
7. Turn right on Marine View Dr S (WA-509) (0.38 miles)
8. Turn left on S 252nd St (0.06 miles)
9. Bear right on 8th Pl S (0.01 miles)
10. Turn left at stop sign, gate and signs for Saltwater State Park.
11. Follow road south, signs to parking area near beach.

Redondo Boat Launch Collection (Des Moines) CPS-114

Position - Location:	47° 20.878', -122° 19.541'	47° 20' 52.7", -122° 19' 32.4"	47.34796, -122.32568	Des Moines

Strategy Objective: Collection : Collect oil from Puget Sound

Implementation: Using workboat, secure 600ft of boom to shore at stairs, at A. Extend boom along dock to 3rd piling from end and attach midpoint with bridle. Extend remaining boom W into sound and set anchor. Adjust anchor points and use more anchors as needed for conditions. Collect from top of boat ramp, at A.

Staging Area: Onsite: Stage onsite at boat ramp. Use no parking zone. Extra parking across street.

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

Field Notes: 2-lane ramp with docks. Stairs to beach. Busy road and park area. Aquarium just up the street.

Watercourse: Puget Sound - East Passage

Resources at Risk: City Park, Forage Fish, Marine Birds, Salmonids, Water Intakes



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Redondo Boat Launch Collection (Des Moines) CPS-114



CPS-114 Photo: From top of boat ramp near collection area, looking W. Taken at +3ft tide.



Site Contact

City of Des Moines Marina
Land/Property Owner :

WA
206-824-5700

Nearest Address

28315 Redondo Beach Dr S
Des Moines, WA 98198

Driving Directions

1. From Tacoma, take I-5 North towards Federal Way.
2. Take exit 143 to S. 320th St. toward Federal Way (0.28 miles)
3. Turn right on S 320th St (0.56 miles)
4. Turn left on Military Rd S (1.21 miles)
5. Turn left on S 304th St (0.78 miles)
6. Turn right on Pacific Hwy S (WA-99 N) (0.43 miles)
7. Turn left on S Dash Point Rd (WA-509) (0.06 miles)
8. Turn right on Redondo Way S (16th Ave S) (1.06 miles)
9. Turn left on Redondo Beach Dr S (0.04 miles)
10. Site is at boat ramp on the right. Paid parking is directly across the street on the left.

Dash Point State Park (Federal Way) - Ebb Tide — CPS-120e

Position - Location:	47° 19.216', -122° 24.844'	47° 19' 12.9", -122° 24' 50.7"	47.32026, -122.41407	Federal Way

Strategy Objective: Exclusion : Keep oil out of Thames Creek at Dash Point Beach

Implementation: Secure 100ft of boom to creek right, at A. Use line and waders to extend boom across creek and secure to shore at creek left, at B. If tide allows, walk midpoint of boom towards sound and set midpoint anchor. Back boom with sorbent. Adjust anchor points and boom angle as needed for conditions.

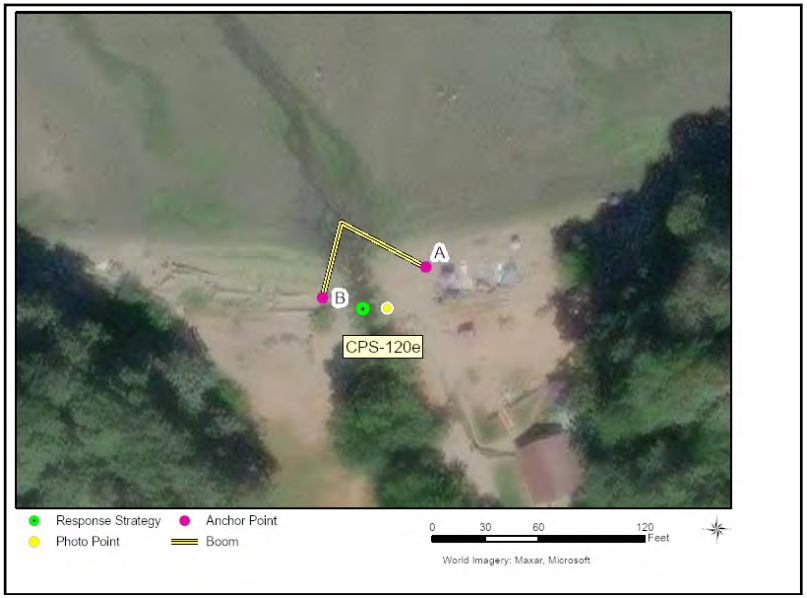
Staging Area: Onsite: Stage in parking lot or picnic area at beach.

Site Safety: Slips, Trips, Falls; Water Hazard; Boulders; Driftwood; Public Park

Field Notes: Park closed at night, call ranger for access. Direct road to beach via onsite locked gate or 500ft paved trail from parking. Boulders and sand at creek mouth, huge tideflat.

Watercourse: Estuary - East Passage at Thames Creek

Resources at Risk: Forage Fish, Riparian Habitat, Salmonids, State Park



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	Boom - Sorbent
100	Feet	Line - 3/8” poly line
1	Each	Waders

Recommended Personnel

2	Laborer
1	Supervisor

Dash Point State Park (Federal Way) - Ebb Tide CPS-120e



CPS-120e Photo: From creek right, looking N at Puget Sound. Taken at +9ft tide.



Site Contact

Washington State Parks and Rec Commission
Land/Property Contact : Dash Point State Park

Tacoma, WA
253-661-4955

Nearest Address

Crystal Lake Rd
Federal Way, WA 98023

Driving Directions

1. Start at I-5 N Tacoma
2. Go on I-5 N (4.86 miles)
3. Bear right onto the ramp at exit 143 to S. 320th St. toward Federal Way (0.28 miles)
4. Turn left on S 320th St (4.67 miles)
5. Turn right on 47th Ave SW (0.45 miles)
6. Turn left on SW Dash Point Rd (WA-509) (0.84 miles)
7. Turn right at sign for Dash Point State Park (Day Use)8. Take the first left and follow the road around to the large parking area. Walk paved trail north to beach.

Dash Point State Park Tideflats - Flood Tide — CPS-120f

Position - Location:	47° 19.254', -122° 24.896'	47° 19' 15.2", -122° 24' 53.7"	47.32090, -122.41493	Federal Way

Strategy Objective: Exclusion : Keep oil off mudflats and shoreline at Saltwater State Park

Implementation: Using shallow-water skiff, secure anchor line to shore and pilings west of park, at A. Connect line to 1400 ft of boom from larger boat. Extend boom east across park to end of gravel beach / treeline, and secure to shore at D. Pull loose boom out and set additional anchors at B and C to keep off rocks. Adjust anchor points and use additional anchors as needed for conditions.

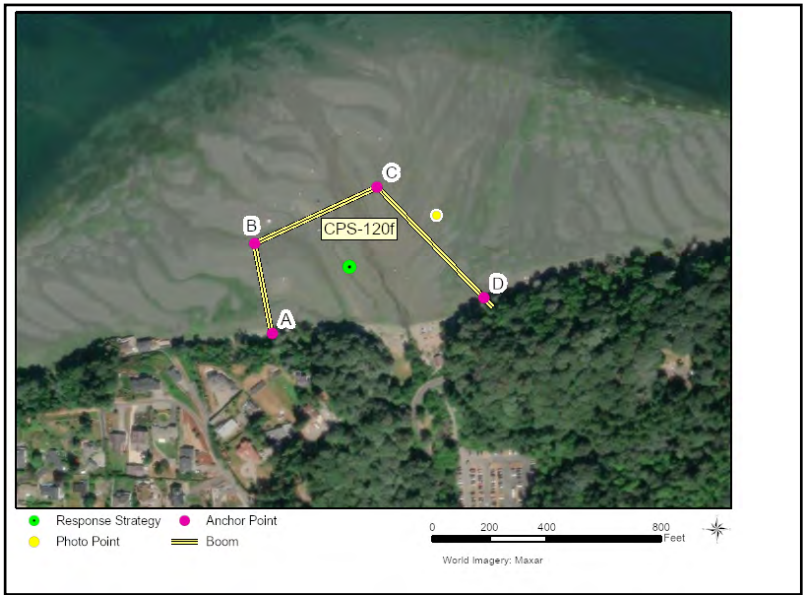
Staging Area: Onsite: Room for staging onsite, cut gate to drive to beach. Launch from Tacoma.

Site Safety: Shallow Water; Submerged Rocks; Public Park; Slips, Trips, Falls; Water Hazard

Field Notes: Deploy at high tide only - shallow, submerged rocks. Skiff or waders to toss line to shore.

Watercourse: Puget Sound - East Passage

Resources at Risk: Forage Fish, Mud Flat(s), Salmonids, State Park



Recommended Equipment

5	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1400	Feet	Boom - B2 (18" to 42")
1	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Waders
1	Each	Workboat(s) - of adequate size for type and amount of boom
1	Each	Workboat(s) - shallow-water

Recommended Personnel

2	Boat Operator
4	Laborer
1	Supervisor

Dash Point State Park Tideflats - Flood Tide CPS-120f



CPS-120f Photo: From boat just east of beach, looking SW at park. Anchor point D on left side, A on far right. Taken at +12 ft high tide (boat had 5 ft clearance).



Site Contact

Washington State Parks and Rec Commission
Primary Contact : Dash Point State Park

Tacoma, WA
253-661-4955

Nearest Address

5700 SW Dash Point Rd
Federal Way, WA 98023

Driving Directions

1. Start at Tacoma
2. Go on I-5 N
3. Bear right onto the ramp at exit 143 to S. 320th St. toward Federal Way (0.28 miles)
4. Turn left on S 320th St (4.67 miles)
5. Turn right on 47th Ave SW (0.45 miles)
6. Turn left on SW Dash Point Rd (WA-509) (0.84 miles)
7. Turn right at sign for Dash Point State Park (Day Use)
8. Take the first left and follow the road around to the large parking area. Walk paved trail north to beach. (Alternative: cut fence to park access road, above restrooms, before parking area and drive onto beach.)

Hylebos Mudflats — CPS-130

Position - Location:	47° 17.280', -122° 24.658'	47° 17' 16.8", -122° 24' 39.5"	47.28800, -122.41096	Tacoma

Strategy Objective: Exclusion : Keep oil out of the mudflats

Implementation: Using workboat, secure 2500 ft of boom to dock pilings or shore at mouth of the Hylebos, at A. Extend boom N past mudflats and secure remaining end of boom to shore just north of the single house with shed, at B. Secure boom in an arc using anchors, to keep from stranding on mudflats. Adjust anchors and boom angle as needed for conditions.

Staging Area: Onsite: Puyallup Tribe escort required for onsite staging. Launch from Point Defiance Waterfront.

Site Safety: Slips, Trips, Falls; Water Hazard; Ship Traffic

Field Notes: Puyallup Tribe staging area, Port property on north side. Some gravel shoulders off Marine View Dr but easier by boat.

Watercourse: Bay - Commencement Bay - Hylebos Waterway

Resources at Risk: Crabs, Habitat Restoration Site, Marine Mammals, Tribal Lands/Resources, Waterfowl



Recommended Equipment

8	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
2500	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
4	Laborer
1	Supervisor

Hylebos Mudflats CPS-130



CPS-130 Photo: From shore near A, looking N at tideflats.
Taken at +1ft tide.



Site Contact

Puyallup Tribe of Indians
Pre-Notification Required : Chief of Police
253-680-5636

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

4224 Marine View Drive
Tacoma, WA 98422

Driving Directions

DIRECTIONS TO SITE - PUYALLUP TRIBE ESCORT REQUIRED:
1. From Seattle, head south on I-5 towards Federal Way
2. At exit 137 take ramp on the right toward Fife/N/Milton
3. Turn right on 54th Ave E
4. Continue on Taylor Way E
5. Make sharp right on WA-509 (Marine View Dr)
6. Turn left into fenced parking area at mouth of Hylebos, 4224 Marine View Drive, 98422

Hylebos Waterway CPS-131

Position - Location:	47° 16.942', -122° 24.313'	47° 16' 56.5", -122° 24' 18.8"	47.28237, -122.40521	Tacoma

Strategy Objective: Exclusion : Keep oil out of Hylebos Waterway and mudflats

Implementation: Using workboat, secure 900ft of boom to pilings or structures on south shore (Trident dock). Extend across Hylebos and secure other end to north shore at the pilings and rip-rap edge of the parking lot. Adjust anchor points and use additional anchors as needed for conditions.

Staging Area: Onsite: Can stage some equipment at the Marina parking lot. Launch from Point Defiance.

Site Safety: Rip-Rap; Contaminated Soils; Boat Traffic; Slips, Trips, Falls; Water Hazard

Field Notes: Southern shore is Superfund site, use caution around soils, attach to pilings or structures where possible. Boathouses and docks on north side owned by Puyallup Tribe, managed by third party Chinook Landing.

Watercourse: Puget Sound - Hylebos Waterway

Resources at Risk: Habitat Restoration Site, Marsh, Tribal Lands/Resources, Wetlands



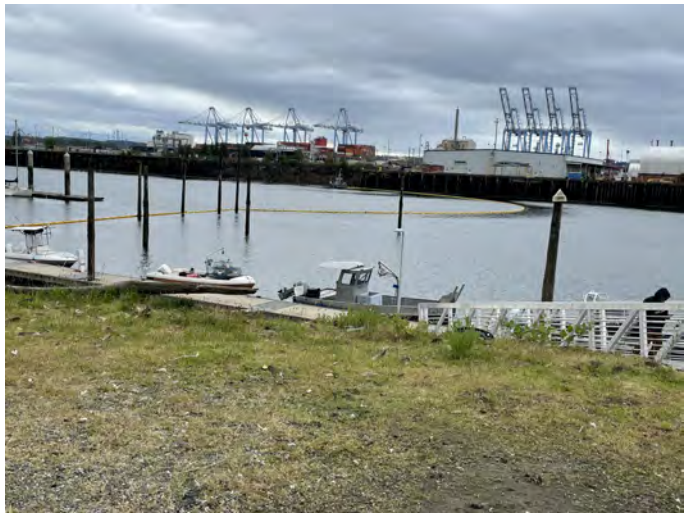
Recommended Equipment

2	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
900	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Hylebos Waterway CPS-131



CPS-131 Photo: From N shore looking at general vicinity of strategy and Trident dock, with boom deployed as written.



Site Contact

Puyallup Tribe of Indians
Pre-Notification Required : Chief of Police
253-680-5636

Port of Tacoma
Secondary Contact : Security Line
253-383-9472

Nearest Address

3702 Marine View Drive
Tacoma, WA 98422

Driving Directions

1. Start at I 5 Federal Way
2. Go southwest on I-5
3. At exit 137 take ramp on the right toward Fife/N/Milton
4. Turn right on 54th Ave E
5. Continue on Taylor Way E
6. Make sharp right on WA-509 (Marine View Dr)
7. Finish at 3702 Marine View Drive, 98422, on the left

Outer Hylebos Waterway Tideflats — CPS-132a

Position - Location:	47° 16.887', -122° 24.059'	47° 16' 53.2", -122° 24' 3.6"	47.28145, -122.40099	Tacoma

Strategy Objective: Exclusion : Keep oil out of wetland behind Chinook Landing marina

Implementation: Secure 200 ft of boom to shore at top of walkway, at A. Use line to pull boom down to dock and secure to piling, at B. Adjust as needed for conditions. Back tideflat side with sorbent.

Staging Area: Onsite: Stage in parking lot at Chinook Landing Marina

Site Safety: Traffic Hazard; Marina; Slips, Trips, Falls; Water Hazard

Field Notes: Walkway down to floating docks from parking lot

Watercourse: Salt Marsh - Hylebos Waterway

Resources at Risk: Habitat Restoration Site, Marsh, Tribal Lands/Resources, Wetlands



Recommended Equipment

1	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (18" to 42")
130	Feet	Boom - Sorbent
1	Each	Bridle(s) - Piling (appropriately sized for boom)
150	Feet	Line - 3/8” poly line

Recommended Personnel

2	Laborer
1	Supervisor

Outer Hylebos Waterway Tideflats CPS-132a



CPS-132a Photo: From dock, looking N at marina parking lot. Taken at -1 ft (low) tide.



Site Contact

Puyallup Tribe of Indians
Emergency Contact : Chief of Police

Tacoma, WA 98404
253-680-5636

Nearest Address

3622 Marine View Dr
Tacoma, WA 98422

Driving Directions

DIRECTIONS TO SITE:
1. From Seattle, head south on I-5 towards Federal Way.
2. Take exit 137 toward Fife (WA-99 N) / Milton (0.27 miles)
3. Turn right on 54th Ave E (0.89 miles)
4. Continue forward on Taylor Way E (0.19 miles)
5. Make a sharp right on Marine View Dr (WA-509) (2.94 miles)
6. Turn left into Chinook Landing Marina at 3622 Marine View Dr, 98422, on the left

Outer Hylebos Waterway Salt Marsh (11th Street) CPS-132b

Position - Location:	47° 16.755', -122° 23.905'	47° 16' 45.3", -122° 23' 54.3"	47.27925, -122.39842	Tacoma

Strategy Objective: Exclusion : Keep oil out of salt marsh by Chinook Marina

Implementation: Using workboat, secure 1100 ft of boom to shore at rocky outcropping by bridge, at A. Extend W and secure to piling at edge of marina docks, at B. Use additional anchors or adjust points as needed for conditions.

Staging Area: Onsite: Stage onsite at 11th St bridge, or marina parking lot. Launch from Point Defiance

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

Field Notes: Tidal salt marsh behind Chinook Landing Marina.

Watercourse: Salt Marsh - Hylebos Waterway

Resources at Risk: Habitat Restoration Site, Marsh, Tribal Lands/Resources, Wetlands



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
1100	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
4	Laborer
1	Supervisor

Outer Hylebos Waterway Salt Marsh (11th Street) CPS-132b



CPS-132b Photo: From Hylebos waterway, looking NW from A towards marina/B. Taken at 0 ft (low) tide.



Site Contact

Puyallup Tribe of Indians
Pre-Notification Required : Chief of Police
253-680-5636

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

4001 E 11th Street
Tacoma, WA 98421

Driving Directions

1. From Seattle, take I-5 South towards Federal Way
2. Take the ramp on the right at exit 137 toward Fife (WA-99 N) / Milton (0.27 miles)
3. Turn right on 54th Ave E (0.89 miles)
4. Continue forward on Taylor Way E (0.19 miles)
5. Make a sharp right on Marine View Dr (WA-509) (2.94 miles)
6. Turn left on 11th street (0.25 miles)
7. Turn right onto gravel shoulder/lot before bridge. Additional staging further down on Marine View Drive at Chinook Landing Marina.

Hylebos Waterway at 11th Street Bridge — CPS-133

Position - Location:	47° 16.645', -122° 23.606'	47° 16' 38.7", -122° 23' 36.4"	47.27742, -122.39344	Tacoma

Strategy Objective: Exclusion : Keep oil in or out of the Hylebos Waterway

Implementation: Using workboat, secure 800ft of boom to north shore of Hylebos near red/white electrical tower, at A. Extend boom S across waterway and secure other end to south shore near other tower, at C. Pull midpoint of boom East to create a chevron and anchor at B. If spill is coming from the West, mirror strategy and deploy on West side of bridge. If product collects, collect from bridge or parking areas on either shore. Adjust anchor points and use extra anchors as needed for conditions.

Staging Area: Onsite: Stage on road shoulder NE of bridge. Launch from Point Defiance.

Site Safety: Ship Traffic; Drawbridge; Rip Rap; Electricity Towers; Slips, Trips, Falls; Water Hazard; Roadway Hazard

Field Notes: Major tide change (~15ft), watch bridge height at high tide (drawbridge). May be able to collect from bridge, follow WSDOT guidelines to close lane.

Watercourse: Canal - Hylebos Waterway - Commencement Bay

Resources at Risk: Habitat Restoration Site, Marsh, Salmonids, Waterfowl



Recommended Equipment

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

Hylebos Waterway at 11th Street Bridge — CPS-133



CPS-133 Photo: From end of SeaPort dock, looking W at strategy deployed as written. Taken at -2ft tide.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

4001 E 11th Street
Tacoma, WA 98421

Driving Directions

DIRECTIONS TO BRIDGE FOR VAC TRUCK:
1. From Seattle, take I-5 South towards Federal Way
2. Take the ramp on the right at exit 137 toward Fife (WA-99 N) / Milton (0.27 miles)
3. Turn right on 54th Ave E (0.89 miles)
4. Continue forward on Taylor Way E (0.19 miles)
5. Make a sharp right on Marine View Dr (WA-509) (2.94 miles)
6. Turn left on 11th street (0.25 miles)
7. Turn right onto gravel shoulder/lot before bridge. Additional staging further down on Marine View Drive at Chinook Landing Marina.

Sound Refining Cove Mudflats (Hylebos) CPS-134

Position - Location:	47° 16.653', -122° 23.501'	47° 16' 39.2", -122° 23' 30.1"	47.27755, -122.39169	Tacoma

Strategy Objective: Exclusion : Keep oil out of mudflat area between bridge and refinery dock

Implementation: Using workboat, secure 1000ft of boom to shore above high-water mark, on the southeast side of the 11th St. bridge. Extend boom away from bridge towards refinery dock. Connect to existing fence boom under dock, or set anchor to overlap with fence boom. If needed, double fence boom under dock with additional 400ft of boom. Back with sorbent or sweep. As needed, use additional anchoring systems and adjust boom for tide changes.

Staging Area: Remote: Stage and launch from Point Defiance Waterfront BL-CPS-46.

Site Safety: Slips, trips, falls; water hazard; refinery hazard; vessel traffic; shallow water; vegetation

Field Notes: Contact terminal before deploying. No access from bridge (fence). Set anchor far enough from perma-log-boom to avoid interference.

Watercourse: Urban Waterfront - Hylebos Waterway - tidal influence

Resources at Risk: Herons, Mud Flat(s), Salmonids, Waterfowl



Recommended Equipment

5	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1400	Feet	Boom - B2 (Contractor Boom) or equivalent
1400	Feet	Boom - Sorbent
1	Each	Bridle(s) - Towing (appropriately sized for boom)
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Sound Refining Cove Mudflats (Hylebos) CPS-134



CPS-134 Photo: Looking west from Point B to Point A and 11th St Bridge.



Site Contact

Seaport Sound Terminal (Targa)
Pre-Notification Required : Dock owner
253-272-9348

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH/STAGING AREA:
1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Hylebos Creek CPS-135

Position - Location:	47° 15.653', -122° 21.620'	47° 15' 39.2", -122° 21' 37.2"	47.26088, -122.36033	Tacoma

Strategy Objective:	Exclusion : Keep oil out of Hylebos Creek
Implementation:	Using workboat, secure 300ft section of boom to shore near fenceline, at A. Extend SW across creek mouth and secure to opposite shore, at C. Pull midpoint towards piling and secure with piling bridle at B. Back with sorbent. Adjust anchor points and boom angle as needed for conditions.
Staging Area:	Remote: Stage and launch from Port Defiance marina. No/difficult land access onsite.
Site Safety:	Ship Traffic; Rip Rap; Slips, Trips, Falls; Water Hazard
Field Notes:	Restoration site with logs/rip rap, just past industrial area. May be barges/ships tied to pilings at site.
Watercourse:	Creek - Hylebos Creek at Hylebos Waterway
Resources at Risk:	Estuary Resources, Habitat Restoration Site, Marsh, Salmonids



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
300	Feet	Boom - B2 (18" to 42")
200	Feet	Boom - Sorbent
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
2	Laborer
1	Supervisor

Hylebos Creek CPS-135



CPS-135 Photo: From Hylebos Waterway, looking SW across entrance to Hylebos Creek. Taken in April.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

1. Start at I 5 Federal Way
2. Go on I-5 S (4.78 miles)
3. Take the ramp on the right toward WA-7 / I-705 / City Center / WA-16 / Gig Harbor (0.69 miles)
4. Keep left at the fork (1.31 miles)
5. Keep right at the fork onto WA-16 W toward Gig Harbor / Bremerton (0.47 miles)
6. Go forward on WA-16 W (3.06 miles)
7. Take the ramp on the right at exit 3 to 6th Ave toward Ruston (WA-163 N) (0.33 miles)
8. Continue forward on Bantz Blvd (0.25 miles)
9. Turn right on N Pearl St (WA-163) (0.22 miles)
10. Turn right to stay on N Pearl St (WA-163 N) (2.85 miles)
11. Stay out of ferry lanes.
12. Turn right at stop sign into boat launch. Trailer parking is past boat launch on the right.

Slip 5 Restoration Site (Blair Waterway) CPS-140

Position - Location:	47° 16.634', -122° 25.023'	47° 16' 38.0", -122° 25' 1.4"	47.27723, -122.41705	Tacoma

Strategy Objective: Exclusion : Keep oil out of restored tidal area

Implementation: Using workboat, secure 1200 ft of boom to shore where Blair Waterway meets Commencement Bay, at A. Extend 500ft NW into Bay and set inline anchor to clear submerged rip-rap, at B. Extend remaining boom SW to shore at Port, at C. Use more anchors as needed or adjust boom for conditions.

Staging Area: Onsite: Stage onsite in parking area. Launch from Point Defiance.

Site Safety: Rip-Rap; Submerged Habitat; Port Traffic; Roadway Hazard; Railway Hazard; Slips, Trips, Falls; Water Hazard

Field Notes: Shallow habitat is underwater at high tide - watch for submerged rip-rap in channel. Rip-rap banks along paved port parking/storage. Active port and train loading.

Watercourse: Bay - Commencement Bay - Blair Waterway

Resources at Risk: Habitat Restoration Site, Salmonids, Waterfowl



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1200	Feet	Boom - B2 (18" to 42")
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Slip 5 Restoration Site (Blair Waterway) CPS-140



CPS-140 Photo: From Port near Blair Waterway at A, looking SW across flooded habitat at C. Taken at Taken at +8ft tide.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

401 Port of Tacoma Rd
Tacoma, WA 98421

Driving Directions

DIRECTIONS TO STAGING/ANCHORING AT PORT:
1. From Seattle, head South on I-5 S towards Tacoma.
2. Bear right onto the ramp at exit 136 toward Port of Tacoma (0.28 miles)
3. Turn right on Port of Tacoma Rd (33rd Ave E) (2.82 miles)
4. Enter Port of Tacoma security gates. Proceed to farthest North point of parking area, on Blair Waterway.
5. Opposite anchor point (C) is at end of rail lines.

Mouth of Blair Waterway on South Shore CPS-141a

Position - Location:	47° 16.656', -122° 24.847'	47° 16' 39.4", -122° 24' 50.8"	47.27760, -122.41411	Tacoma

Strategy Objective: Collection : Collect oil from Commencement Bay or Blair Waterway

Implementation: Using workboat, secure 700ft of boom to south shore of Blair Waterway at light pole, at A. Extend boom E into Blair Waterway and anchor mid-channel. Collect from parking area at A. Adjust anchor points, boom angle, and use extra anchors as needed for moored ships and conditions. If spill is coming from Commencement Bay, adjust strategy so that boom is pointed N into the bay.

Staging Area: Onsite: Stage onsite, in parking area. Launch from Point Defiance.

Site Safety: Rip Rap; Active Port; Ship Traffic; Slips, Trips, Falls; Water Hazard

Field Notes: Extreme tide changes, rip-rap banks. End of parking area at port, past trains and cranes. Large ship traffic and moorage may require creative boom angles or different anchor point.

Watercourse: Bay - Commencement Bay at Blair Waterway

Resources at Risk: Crabs, Habitat Restoration Site, Salmonids, Waterfowl



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (18" to 42")
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Mouth of Blair Waterway on South Shore CPS-141a



CPS-141a Photo: From end of dock, looking east into the Blair Waterway. Photo was taken at drill in October 2023.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

401 Port of Tacoma Rd
Tacoma, WA 98421

Driving Directions

DIRECTIONS TO COLLECTION SITE AT PORT:
1. From Seattle, head South on I-5 S towards Tacoma.
2. Bear right onto the ramp at exit 136 toward Port of Tacoma (0.28 miles)
3. Turn right on Port of Tacoma Rd (33rd Ave E) (2.82 miles)
4. Enter Port of Tacoma security gates. Proceed to farthest North point of parking area, on Blair Waterway.

Blair Waterway Mouth Collection — CPS-141b

Position - Location:	47° 16.716', -122° 24.744'	47° 16' 43.0", -122° 24' 44.6"	47.27860, -122.41240	Tacoma

Strategy Objective: Collection : Collect oil from Commencement Bay or Blair Waterway

Implementation: Using workboat, secure 700ft of boom to shore near barge launch, at A. Extend SW into Blair Waterway and anchor mid-channel, at B. Adjust number of anchors, anchor points, and boom angle as needed for conditions. Collect from shore at A. For spills from Commencement Bay, reverse angle of boom to point NW.

Staging Area: Onsite: Stage onsite in parking/storage area. Launch onsite with permission, or from Point Defiance.

Site Safety: Industrial Equipment; Road Traffic; Ship Traffic; Active Port; Slips, Trips, Falls; Water Hazard

Field Notes: Extreme tide changes. Rip-rap banks. Truck and equipment storage near industrial barge launch area.

Watercourse: Bay - Commencement Bay at Blair Waterway

Resources at Risk: Economic Resources, Habitat Restoration Site, Salmonids, Waterfowl, Wetlands



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (18" to 42")
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Blair Waterway Mouth Collection CPS-141b



CPS-141b Photo: From Blair Waterway, looking NW towards Commencement Bay. Taken during deployment.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

401 Alexander Ave
Tacoma, WA 98421

Driving Directions

DIRECTIONS TO SITE FOR VAC TRUCK:
1. From Seattle, take I-5 South towards Federal Way.
2. Take the ramp on the right at exit 137 toward Fife (WA-99 N) / Milton (0.27 miles)
3. Turn right on 54th Ave E (0.89 miles)
4. Continue forward on Taylor Way E (2.4 miles)
5. Turn left on E 11th St (0.12 miles)
6. Turn right on E Alexander Ave (0.57 miles)
7. Turn left at T-intersection and follow road around building to storage area/barge launch on Blair.

Blair Waterway - Fairliner (Husky Terminal) CPS-142

Position - Location:	47° 16.193', -122° 24.167'	47° 16' 11.6", -122° 24' 10.0"	47.26988, -122.40278	Tacoma

Strategy Objective: Exclusion : Keep oil out of Fairliner mitigation site

Implementation: Using workboat, secure 500ft of boom to N shore, at A. Extend boom S to end of metal bulkhead and secure to shore at treeline, at B. If conditions require, set anchor at midpoint to hold boom in place. Adjust anchor points as needed.

Staging Area: Remote: Stage and launch from Point Defiance. Extra staging at Husky Terminal or Concrete Tech Corp parking.

Site Safety: Port Traffic; Rip Rap; Steep Bank; Slips, Trips, Falls; Water Hazard

Field Notes: Gravel cove between Husky Terminal and Concrete Technology Corp.

Watercourse: Urban Waterfront - Blair Waterway - Commencement Bay

Resources at Risk: Habitat Restoration Site, Waterfowl



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
500	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
3	Laborer
1	Supervisor

Blair Waterway - Fairliner (Husky Terminal) CPS-142



CPS-142 Photo: From north anchor point at treeline, looking S across mitigation site to metal bulkhead. Taken at +9 ft tide.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH:
1. Start at I 5 Federal Way
2. Go on I-5 S (4.78 miles)
3. Take the ramp on the right toward WA-7 / I-705 / City Center / WA-16 / Gig Harbor (0.69 miles)
4. Keep left at the fork (1.31 miles)
5. Keep right at the fork onto WA-16 W toward Gig Harbor / Bremerton (0.47 miles)
6. Go forward on WA-16 W (3.06 miles)
7. Take the ramp on the right at exit 3 to 6th Ave toward Ruston (WA-163 N) (0.33 miles)
8. Continue forward on Bantz Blvd (0.25 miles)
9. Turn right on N Pearl St (WA-163) (0.22 miles)
10. Turn right to stay on N Pearl St (WA-163 N) (2.85 miles)
11. Stay out of the ferry lanes.
12. At the stop sign, turn right into the boat ramp. Trailer parking is just past the ramp on the right.

Little Marsh (qʷiqʷəlut) - Blair Waterway — CPS-143

Position - Location:	47° 15.932', -122° 23.763'	47° 15' 55.9", -122° 23' 45.8"	47.26553, -122.39605	Tacoma

Strategy Objective: Exclusion : Keep oil out of Little Marsh habitat mitigation site

Implementation: Using workboat, secure 300ft of boom to shore by US Oil fenceline, at A. Extend boom across outfall and secure to shore at trees at C. Pull center of boom N and attach to dock piling, at B. Back with sorbent. Adjust anchor points and boom angle as needed for conditions.

Staging Area: Remote: Stage and launch from Point Defiance

Site Safety: Petroleum Loading Dock; Rip-Rap; Unstable Shoreline; Active Port; Slips, Trips, Falls; Water Hazard

Field Notes: Alert US Oil before approaching dock. Also call City of Tacoma 253-591-5000, Environmental Services manages site. Restoration site with soft banks, next to US Oil dock with pilings/fence poles.

Watercourse: Urban Waterfront - Blair Waterway - Commencement Bay

Resources at Risk: Habitat Restoration Site, Marsh



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	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

Little Marsh (qʷiqʷəlut) - Blair Waterway CPS-143



CPS-143 Photo: From north shore (US Oil), looking SE across entrance to mitigation site. Taken at +8ft tide.



Site Contact

US Oil Refinery
Pre-Notification Required : Dock Owner
253-383-1651

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH:
1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Lincoln Ave Ditch Outfall (Blair Waterway) CPS-144

Position - Location:	47° 15.875', -122° 23.591'	47° 15' 52.5", -122° 23' 35.4"	47.26459, -122.39318	Tacoma

Strategy Objective: Exclusion : Keep oil out of Blair Waterway or Lincoln Ave Ditch

Implementation: Using workboat, secure 300ft of boom to piling closest to shore, at A. Extend boom along dock and secure midpoint to corner piling, at B. Extend remaining boom across outfall and secure to shore at rip-rap, at C. If oil collects inside the boom from the outfall, collect from shore at C. Adjust anchor points and boom angle as needed for conditions.

Staging Area: Onsite: Stage and launch from Point Defiance

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

Field Notes: Washington United Terminals active port. Rip-rap around outfall. Pulley-controlled tide gate behind outfall.

Watercourse: Bay - Blair Waterway - Commencement Bay

Resources at Risk: Salmonids, Shellfish, Waterfowl



Recommended Equipment

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

Lincoln Ave Ditch Outfall (Blair Waterway) CPS-144



CPS-144 Photo: From dock, looking north at boom deployed around outfall. Photo taken during drill in October 2024.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

1815 Port of Tacoma Rd
Tacoma, WA 98421

Driving Directions

DIRECTIONS TO SITE FOR VAC TRUCK:
1. From Olympia, take I-5 N to Tacoma.
2. Take exit 133 toward City Center (1.9 mi)
3. Take the WA-509 N/S 21st St exit toward Port of Tacoma (0.2 mi)
4. Turn right onto WA-509 N (signs for Port of Tacoma) (1.7 mi)
5. Take the Port of Tacoma Rd exit (0.6 mi)
6. Turn left onto Port of Tacoma Rd (1.5 mi)
7. Turn right into Washington United Terminals entrance (show TWIC) (0.1 mi)
8. Site is on the Blair just NW of the cranes.

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH:
1. From Olympia, drive north on I-5 N
2. At exit 132, take ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At the roundabout, take the second exit to continue on Pearl St. At the fork, stay left to avoid ferry lanes. (0.3 miles)

Erdahl Ditch at Blair Waterway — CPS-145

Position - Location:	47° 15.244', -122° 22.937'	47° 15' 14.7", -122° 22' 56.2"	47.25407, -122.38228	Tacoma

Strategy Objective: Exclusion : Keep oil out of Blair Waterway or Erdahl Ditch

Implementation: Using workboat, secure 500ft of boom to sandy shore, at A. Extend boom north and east, across culvert entrance, and secure to pilings at shore under dock, at C. Pull boom midpoint into Blair Waterway and set anchor at B to create chevron. Tie sorbent across culvert entrance. Adjust anchor points or use extra anchors as needed for conditions.

Staging Area: Onsite: Stage and launch from Point Defiance. Some staging at Port, but it's a steep drop at low tide.

Site Safety: Overhead Cranes; Pilings with Low Overhead; Commercial Ship Traffic; Extreme Tide Change; Slips, Trips, Falls; Water Hazard

Field Notes: Pump station onsite controls ditch flow, managed by City of Fife - call first and request shutdown. Culvert hidden at high tide. At high tide, anchor temporarily to outermost piling, then pull boom further into pilings when overhead clearance allows.

Watercourse: Creek - Blair Waterway at Erdahl Ditch

Resources at Risk: Salmonids



Recommended Equipment

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

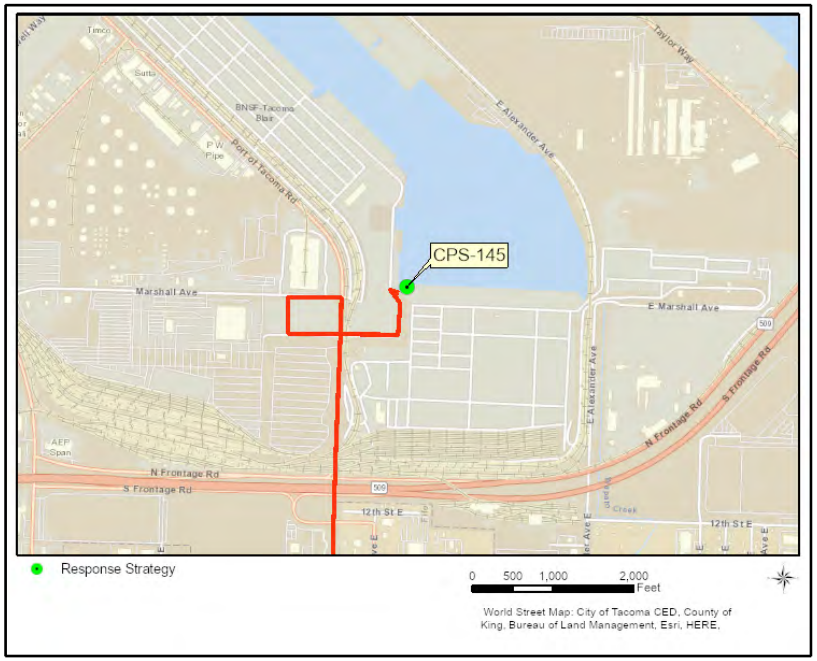
Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Erdahl Ditch at Blair Waterway CPS-145



CPS-145 Photo: From Blair Waterway, looking S at deployed strategy. Taken at -1 ft (low) tide.



Site Contact

City of Fife Public Works
Pre-Notification Required : Spill Hotline
253-922-9315

Port of Tacoma
Land/Property Contact : Security Line
253-383-9472

Nearest Address

2602 Port of Tacoma Rd
Tacoma, WA 98421

Driving Directions

Directions to site at Port of Tacoma/Blair Waterway:
1. From Seattle, take I-5 South towards Tacoma.
2. Bear right onto the ramp at exit 136 toward Port of Tacoma (0.28 miles)
3. Turn right on Port of Tacoma Rd (33rd Ave E) (0.9 miles)
4. Turn left onto Marshall Ave
5. Take the next left into the gated Port of Tacoma lot (sign for Blair Terminal Access)
6. Turn left on the overpass road
7. Follow the overpass road and pull over in the small paved area, near the cranes.

Middle Waterway CPS-150

Position - Location:	47° 15.743', -122° 25.897'	47° 15' 44.6", -122° 25' 53.8"	47.26239, -122.43161	Tacoma

Strategy Objective: Exclusion : Keep oil out of Middle Waterway

Implementation: Using workboat, secure 700ft of boom to western shore of waterway, by Foss tugs, at A. Extend across waterway and secure to opposite shore at C. Use piling bridles if needed to clear moored vessels, and adjust boom angle as needed for conditions. If product collects, remove from shore with vac truck.

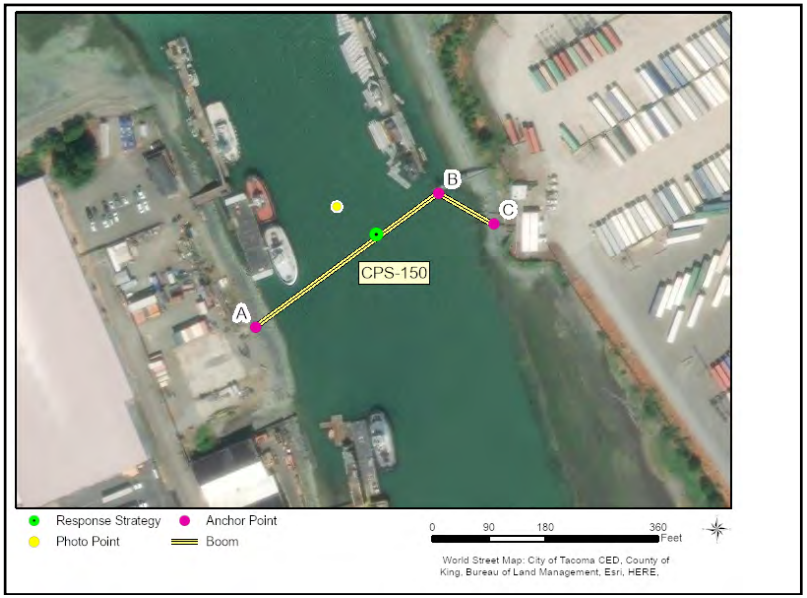
Staging Area: Onsite: Stage in parking area at end of East F Street or at Foss property.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Shoreside anchors can use pilings on both sides. Adjust around ships.

Watercourse: Bay - Commencement Bay - Middle Waterway

Resources at Risk: Estuary Resources, Habitat Restoration Site



Recommended Equipment

2	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
3	Laborer
1	Supervisor

Middle Waterway CPS-150



CPS-150 Photo: From boat, looking SW towards western shore at Foss property. Taken at +10 ft tide.



Site Contact

Northwest Seaport Alliance
Land/Property Contact : Port of Seattle and Port of Tacoma

Seattle, WA 98111
206-787-3000

Nearest Address

225 E F St
Tacoma, WA 98421

Driving Directions

1. From Seattle, head south on I-5 towards Tacoma.
2. Take the ramp on the right at exit 135 toward Puyallup (WA-167 N) / Portland Ave (0.22 miles)
3. Continue forward on E 27th St toward Portland Ave (0.17 miles)
4. Turn right on Portland Ave (0.81 miles)
5. Turn left on St Paul Ave (0.59 miles)
6. Turn right on E 11th St (0.03 miles)
7. Turn left to stay on E 11th St (0.04 miles)
8. Turn right on E F St (0.6 miles)
9. Finish at 225 E F St, 98421, on the right

Thea Foss Waterway CPS-160a

Position - Location:	47° 15.447', -122° 26.076'	47° 15' 26.8", -122° 26' 4.6"	47.25745, -122.43460	Tacoma

Strategy Objective: Exclusion : Keep oil out of Thea Foss waterway and surrounding marinas.

Implementation: Using workboat, secure 700ft of boom to dock just south of Foss Seaport Waterway, at A. Extend boom SE and secure to dock piling or shoreline on opposite side of waterway, at c. Use in-line anchor, at B. Adjust angle and use extra anchors as needed for conditions.

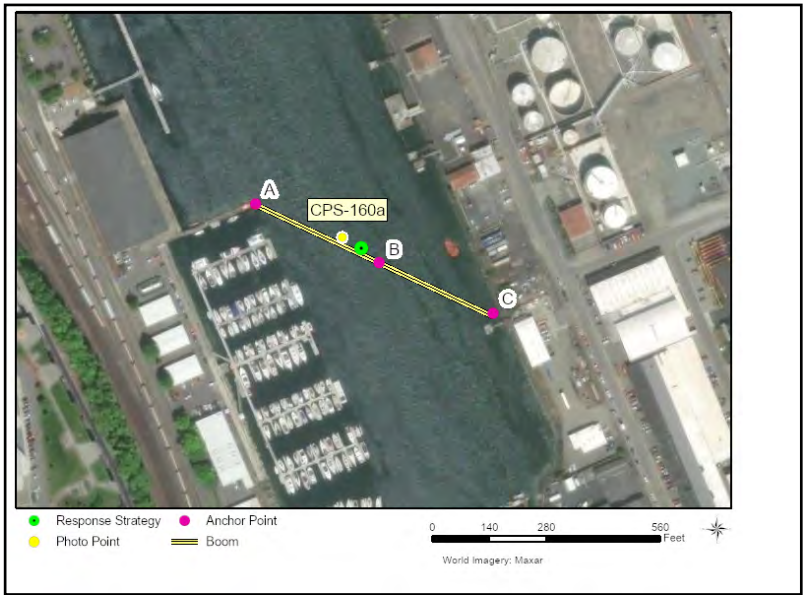
Staging Area: Onsite: Launch from Point Defiance. Stage in parking lot or just

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

Field Notes: Public esplanade (over water) in vicinity. Seasonal events may pack area with crowds.

Watercourse: Bay - Commencement Bay at Thea Foss Waterway

Resources at Risk: Economic Resources, Habitat Restoration Site, Historic Register Site, Recreational Use Area



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (Contractor Boom) or equivalent
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
2	Laborer
1	Supervisor

Thea Foss Waterway CPS-160a



CPS-160a Photo: From water looking toward boom deployment.



Site Contact

Foss Waterway Seaport
Land/Property Contact :
253-272-2750

Globe Machine Manufacturing
: Property Owner
253-278-8017

Nearest Address

705 Dock St
Tacoma, WA 98402

Driving Directions

1. Start at I 5 S Fife WA
2. Go on I-5 S (2.08 miles)
3. Take exit 133 on the right to I-705 N / WA-7 S (0.16 miles)
4. Keep right at the fork to I-705 N (0.06 miles)
5. Keep left at the fork to merge onto I-705 N toward City Center (1.64 miles)
6. Take the exit on the left to merge onto the highway toward Schuster Pkwy (0.36 miles)
7. At the traffic light, turn right on E Dock St (S 4th St) (0.34 miles)
8. Finish at 705 Dock St, 98402, on the left

Foss Seaport Dock — CPS-160b

Position - Location:	47° 15.482', -122° 26.198'	47° 15' 28.9", -122° 26' 11.9"	47.25804, -122.43663	Tacoma

Strategy Objective: Exclusion : Keep oil out of docks at Foss Waterway Seaport and Museum

Implementation: DO NOT DEPLOY. Strategy slated for deletion. Using workboat, secure 100ft of boom to shore at dock piling, at A. Extend boom SW and secure other end to concrete support under walkway, at B. Adjust angle and use extra anchors as needed for conditions.

Staging Area: Onsite: Launch from Point Defiance. Stage in parking lot or just north at Thea's Park.

Site Safety: Low Clearance; Ship Traffic; Slips, Trips, Falls; Water Hazard

Field Notes: Public esplanade (over water). Seasonal events may pack area with crowds.

Watercourse: Bay - Thea Foss Waterway at Commencement Bay

Resources at Risk: City Park, Historic Register Site, Recreational Use Area



Recommended Equipment

100	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

Foss Seaport Dock CPS-160b



CPS-160b Photo: From dock, looking SW towards museum.
Taken at +8ft tide.



Site Contact

Foss Waterway Seaport
Primary Contact :

Tacoma, WA
253-272-2750

Nearest Address

705 Dock St
Tacoma, WA 98402

Driving Directions

1. From Seattle, take I-5 South to Tacoma
2. Take the ramp on the right toward WA-7 / I-705 / City Center / WA-16 / Gig Harbor (0.69 miles)
3. Keep right at the fork onto WA-7 S / I-705 N toward City Center (0.12 miles)
4. Keep right at the fork (0.06 miles)
5. Keep left at the fork onto I-705 N toward City Center (1.64 miles)
6. Take the ramp on the left toward Schuster Pkwy. (0.18 miles)
7. Turn right on E Dock St (S 4th St) (0.33 miles)
8. Turn left into the parking lot for Foss Waterway Seaport and Maritime Museum

Wheeler-Osgood Waterway (Thea Foss) CPS-161

Position - Location:	47° 15.101', -122° 25.909'	47° 15' 6.1", -122° 25' 54.6"	47.25169, -122.43182	Tacoma

Strategy Objective: Exclusion : Keep oil out of Port of Tacoma restoration site

Implementation: Using workboat, secure 400ft of boom to south side of Wheeler-Osgood waterway, at A. Extend boom N across side channel and secure to shore at C. Pull midpoint of boom into Thea Foss waterway and set anchor at B to create chevron. Adjust anchor points and use extra anchors or piling bridles as needed for conditions.

Staging Area: Remote: Stage and launch from Point Defiance

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

Field Notes: Dolphins, trees, and pilings for anchoring. Construction business, active dock in side channel. Rip-rap and trees on north shoreline, BNSF-owned south shoreline.

Watercourse: Urban Waterfront - Wheeler-Osgood at Thea Foss Waterway

Resources at Risk: Estuary Resources, Habitat Restoration Site



Recommended Equipment

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

Wheeler-Osgood Waterway (Thea Foss) CPS-161



CPS-161 Photo: From boat on waterway, looking NE at dolphin and north shore. Taken at +10ft water.



Site Contact

Port of Tacoma
Primary Contact : Security Line
253-383-9472

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH:
1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Thea Foss Waterway Head — CPS-162

Position - Location:	47° 14.611', -122° 25.945'	47° 14' 36.6", -122° 25' 56.7"	47.24351, -122.43241	Tacoma

Strategy Objective: Exclusion : Collect oil from the Thea Foss Waterway

Implementation: Using workboat, secure 400ft of boom to shore at dock walkway, at A. Extend NW across waterway and secure to opposite shore, at B. Collect from shore using vac truck, depending on spill source. Adjust anchor points and use extra anchors as needed for conditions.

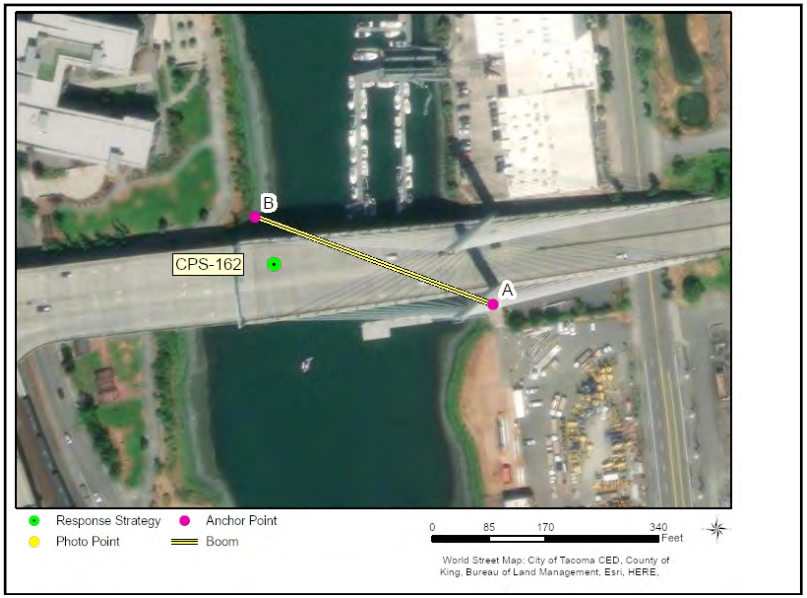
Staging Area: Onsite: Staging room onsite at marina or park. Launch from Point Defiance.

Site Safety: Public Park; Overhead Bridge; Water Hazard; Slips, Trips, Falls

Field Notes: Head of Thea Foss has outfall from I-5 that may be spill source. Natural collection area. Tidal mudflats and public park under WA-509 bridge. May be kayakers in area.

Watercourse: Urban Waterfront - Thea Foss Waterway

Resources at Risk: City Park, Wetlands



Recommended Equipment

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

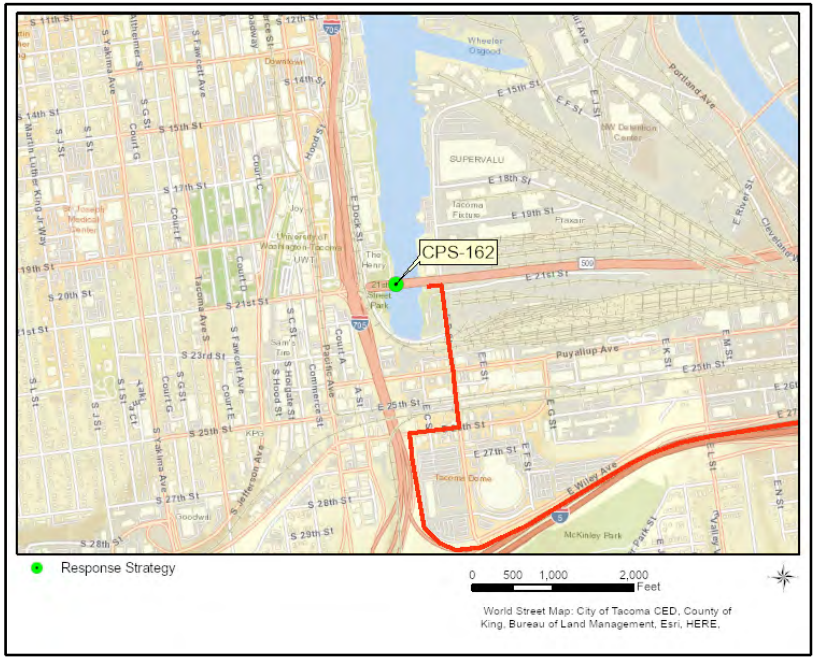
Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Thea Foss Waterway Head CPS-162



CPS-162 Photo: From a boat under the 509 bridge, looking SE at the eastern shore and public kayak dock. Taken at +10ft tides.



Site Contact

Metro Parks Tacoma
Primary Contact : On-Call Manager

Tacoma, WA
253-305-1000

Nearest Address

1930 E D Street
Tacoma, WA 98421

Driving Directions

DIRECTIONS TO SITE:
1. From Seattle, take I-5 south towards Tacoma
2. Take the ramp on the right to WA-7 S / I-705 N toward City Center (0.12 miles)
3. Keep right at the fork (0.06 miles)
4. Keep right at the fork onto East 26 St. toward Tacoma Dome (0.32 miles)
5. Turn right on E 26th St (0.12 miles)
6. Turn left on E D St (0.44 miles)
7. Turn left into parking lot under the 509 bridge.

Tahoma Salt Marsh - Commencement Bay CPS-170

Position - Location:	47° 16.448', -122° 27.460'	47° 16' 26.9", -122° 27' 27.6"	47.27414, -122.45767	Tacoma

Strategy Objective: Exclusion : Keep oil out of salt marsh at Chinese Reconciliation Park

Implementation: Walk 200ft of boom to site from parking area. Secure one end to western shore, at A. Use waders, line-throwing gun, or boat to extend boom east across marsh entrance. Secure remaining end to shore at B. If using boat, pull midpoint of boom into bay and set anchor to create chevron. Back with sorbent. Adjust anchors as needed for conditions.

Staging Area: Onsite: Stage onsite in parking lot. At high tide stage/launch from Point Defiance.

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

Field Notes: Can deploy from land, park outside Navy gate and walk 150ft N along fenceline. Or 400ft dirt trail from parking by pagoda. Boat required only at high tide. Marsh fills at high tide.

Watercourse: Salt Marsh - Commencement Bay

Resources at Risk: City Park, Habitat Restoration Site, Marsh



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
1	Laborer

Tahoma Salt Marsh - Commencement Bay CPS-170



CPS-170 Photo: Tahoma salt marsh from Navy fence, looking NW across inlet. Taken at +4 ft tide.



Site Contact

Navy Regional Operations Center
Pre-Notification Required :
360-315-5123

Metro Parks Tacoma
Land/Property Contact : On-Call Manager
253-305-1000

Nearest Address

2145 Ruston Way
Tacoma, WA 98402

Driving Directions

DIRECTIONS TO SITE FROM SEATTLE:
1. From Seattle, take I-5 south to Tacoma
2. Take exit 133 toward WA-7 / I-705 / City Center / WA-16 / Gig Harbor (0.69 miles)
3. Keep right at the fork onto WA-7 S / I-705 N toward City Center (0.12 miles)
4. Keep right at the fork (0.06 miles)
5. Keep left at the fork onto I-705 N toward City Center (1.64 miles)
6. Take the ramp on the left toward Schuster Pkwy. (0.18 miles)
7. Continue forward on Pacific Ave (0.22 miles)
8. Continue forward on Schuster Pkwy (1.07 miles)
9. Continue forward on N Ruston Way (0.4 miles)
10. Turn left into parking lot (sign for Chinese Reconciliation Park)
11. Follow driveway east to the pagoda parking area, or continue along driveway to the gravel shoulder on the left at the Navy gate (room for 5 cars).

Dickman Mill Pocket Marsh — CPS-171

Position - Location:	47° 16.643', -122° 28.198'	47° 16' 38.6", -122° 28' 11.9"	47.27739, -122.46997	Tacoma

Strategy Objective: Exclusion : Keep oil out of marsh restoration site

Implementation: Secure 100ft of boom to concrete walkway by tying to structure, south of marsh entrance, at A. Walk boom 50ft across inlet and tie other end of boom to walkway, at B. Back with sorbent. Adjust as needed for conditions.

Staging Area: Onsite: City park, minimal parking at site but short walk down paved trail from hotel parking.

Site Safety: Slips, Trips, Falls; Water Hazard; Public Park

Field Notes: Concrete walkway at historic remains of mill. Marsh entrance is rip-rap. Minimal flow even at high tide.

Watercourse: Bay - Commencement Bay

Resources at Risk: City Park, Habitat Restoration Site, Historic Register Site, Marsh



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
50	Feet	Boom - Sorbent
100	Feet	Line - Small Stuff (< 3/8 inch)

Recommended Personnel

2	Laborer
1	Supervisor

Dickman Mill Pocket Marsh CPS-171



CPS-171 Photo: From walkway, looking north towars bridge over inlet (behind vegetation).



Site Contact

Metro Parks Tacoma
Emergency Contact : On-Call Manager

Tacoma, WA
253-305-1000

Nearest Address

2523 N Ruston Way
Tacoma, WA 98402

Driving Directions

1. Start at I 5 Federal Way
2. Go west on I-5
3. Take ramp on the right to I-705 N toward City Center
4. Go on I-705
5. Take ramp on the right to Stadium Way
6. Turn left on Commerce St
7. Turn left on S 7th St
8. Turn left on Pacific Ave
9. Continue on Schuster Pky
10. Continue on N Ruston Way
11. Temporary parking available at Silver Cloud Inn, 500ft south of park.
11. Emergency parking (2 trucks) on shoulder at park.
12. Long term parking 1000ft past park, on the left.

Gig Harbor Entrance - Outer — CPS-180

Position - Location:	47° 19.559', -122° 34.529'	47° 19' 33.6", -122° 34' 31.8"	47.32599, -122.57549	Tacoma

Strategy Objective: Exclusion : Keep oil out of Gig Harbor

Implementation: Using workboat, secure 600ft of boom to shore at A. Extend boom across entrance to Gig Harbor and secure other end to shore at Point C . Near boom midpoint, pull boom south into Puget Sound to make a chevron, and set anchor at B. Adjust anchor points, boom angle, and number of anchors as needed for conditions.

Staging Area: Remote: Stage equipment at Point Defiance Boat Launch

Site Safety: Boat Traffic; Slips, Trips, Falls; Water Hazard; Steep Banks

Field Notes: No vehicle access to beach. Notify City of Gig Harbor Police prior to implementation; call 253-853-2422.

Watercourse: Puget Sound - Gig Harbor

Resources at Risk: Economic Resources, Marine Mammals, Salmonids, Sensitive Resources Nearby, Waterfowl



Recommended Equipment

2	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

Gig Harbor Entrance - Outer CPS-180



CPS-180 Photo: Looking NE from old ferry dock above anchor point A



Site Contact

City of Gig Harbor
Primary Contact : Chief of Police

Gig Harbor, WA
253-853-2422

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH:
1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Gig Harbor Entrance - Inner CPS-181

Position - Location:	47° 19.625', -122° 34.530'	47° 19' 37.5", -122° 34' 31.8"	47.32708, -122.57550	Tacoma

Strategy Objective: Exclusion : Keep oil in or out of Gig Harbor

Implementation: Using workboat, secure 500ft of boom to shore at A. Extend boom across entrance to Gig Harbor and secure other end to shore at Point C . Near boom midpoint, pull boom north into Gig Harbor to make a chevron, and set anchor at B. Adjust anchor points, boom angle, and number of anchors as needed for conditions.

Staging Area: Remote: Stage equipment at Point Defiance Boat Launch

Site Safety: Recreational Boats and Kayaks; Slips, Trips, Falls; Water Hazard

Field Notes: No vehicle access to site. Notify City of Gig Harbor Police prior to implementation; call 253-853-2422.

Watercourse: Puget Sound - Gig Harbor

Resources at Risk: Economic Resources, Estuary Resources, Salmonids, Sensitive Resources Nearby, Waterfowl



Recommended Equipment

2	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
3	Laborer
1	Supervisor

Gig Harbor Entrance - Inner CPS-181



CPS-181 Photo: Looking NE at the mouth of Gig Harbor from old ferry dock on west shore



Site Contact

City of Gig Harbor
Primary Contact : Chief of Police

Gig Harbor, WA
253-853-2422

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Duwamish East Waterway at Spokane Street Bridge DEW-1.3

Position - Location:	47° 34.324', -122° 20.702'	47° 34' 19.5", -122° 20' 42.1"	47.57207, -122.34504	Seattle

Strategy Objective: Collection : Collect oil from the Duwamish East Waterway

Implementation: Using workboat, secure 600ft of boom to piling or shore where bridge meets Harbor Island, at A. Extend boom NE across waterway and overlap with fence boom at pilings. Secure to pilings using piling bridle, at B. Collect from shore at A. Adjust boom angle and collection point based on spill source and tides. Use additional anchors as needed to clear barges and keep boom secure.

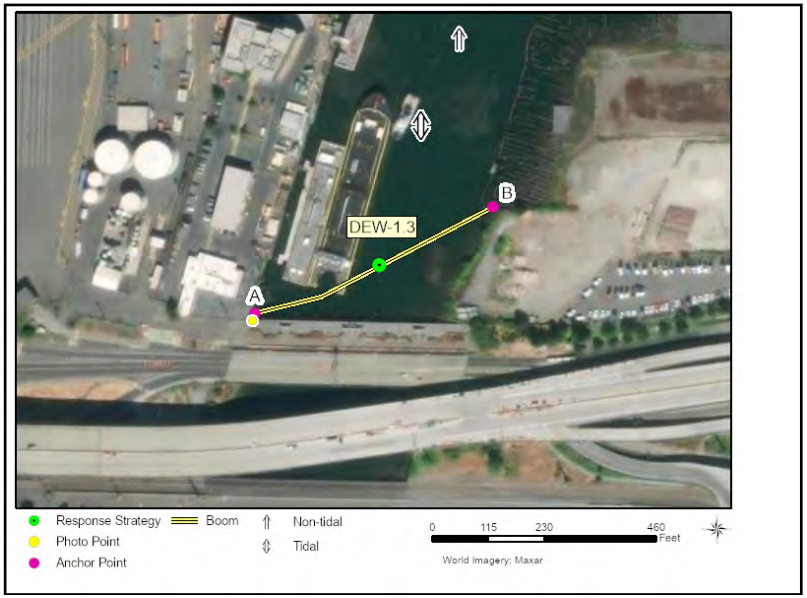
Staging Area: Onsite: Must approach from north - launch from Don Armeni at Alki. Staging available at trail.

Site Safety: Commercial Ship Traffic; Rip-Rap; Abandoned Pilings; Fishing Pier; Low Bridge; Slips, Trips, Falls; Water Hazard

Field Notes: Land access from Harley Marine or public parking for fishing dock on West Seattle Trail. Existing fence boom around pilings of rotting dock on eastern shore at Terminal 25.

Watercourse: River - With Tidal Influence - Duwamish East Waterway

Resources at Risk: Fish Pens, Habitat Restoration Site, Salmonids, Waterfowl



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Duwamish East Waterway at Spokane Street Bridge DEW-1.3



DEW-1.3 Photo: From fishing shelter on Spokane Street, looking NE at pilings and fence boom. Taken at +2ft tide.



Site Contact

Harley Marine Services Seattle HQ
Land/Property Owner : Dock owner
206-628-0051

Seattle Parks Duty Officer
Land/Property Contact : has key to gates
206 982 4583

Nearest Address

910 SW Spokane Street
Seattle, WA 98134

Driving Directions

Directions to collection site from Tukwila:
1. Take I-5 N towards West Seattle Bridge
2. At exit 163 take ramp on the right to West Seattle Br / Columbian Way (0.11 miles)
3. At fork keep left on W Seattle Bridge / Spokane St toward Safeco Field / CenturyLink Field (0.14 miles)
4. At fork keep left on West Seattle Bridge (0.28 miles)
5. Bear left on West Seattle Brg (0.68 miles)
6. Bear right onto ramp toward Harbor Island / 11th Ave. SW / Terminal 18 (0.17 miles)
7. Continue on S Spokane St (0.13 miles)
8. Turn right into public parking area for fishing dock, or contact Harley Marine to get access through their gate.

TO BOAT LAUNCH AT DON ARMENI / ALKI:
1. Take I-5 to West Seattle bridge
2. Take ramp on the right to Harbor Ave/Avalon Way.
2. Turn right on Harbor Ave SW (1.8 miles)
3. Turn right into Don Armeni Boat Ramp parking lot (just past SW Maryland Pl) and follow lanes back to the boat launch.

Harbor Island - West Waterway DWW-0.0

Position - Location:	47° 35.047', -122° 21.590'	47° 35' 2.8", -122° 21' 35.4"	47.58412, -122.35983	Seattle

Strategy Objective: Exclusion : Prevent oil in the waterway from entering Elliott Bay.

Implementation: **DO NOT DEPLOY!** Using workboat, secure 2000 ft of boom to western shore of waterway at edge of crane dock, at A. Extend NE across the waterway and secure other end of boom to shore at Vigor shipyard, at B. Adjust anchor points, boom angle, and use additional anchors as needed for conditions. If product collects, use vac truck or skimmers at B.

Staging Area: Onsite: Launch from Alki. Staging room at Terminal 5 or Vigor with permission.

Site Safety: Port Traffic; Slips, Trips, Falls; Water Hazard

Field Notes: Deep channel, swift current. Port of Seattle Terminal 5 to Vigor Shipyard

Watercourse: River - With Tidal Influence - Elliot Bay at Duwamish West Waterway

Resources at Risk: Eelgrass, Fish Pens, Habitat Restoration Site, Kelp Beds, Salmonids



Recommended Equipment

5	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
2000	Feet	Boom - B2 (Contractor Boom) or equivalent
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
4	Laborer

Harbor Island - West Waterway DWW-0.0



DWW-0.0 Photo: From anchor point A, crane dock at Terminal 5, looking east along fenceline. Taken at low tide, +0ft.



Site Contact

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Northwest Seaport Alliance
Alternate Contact : Port of Seattle and Port of Tacoma
206-787-3000

Nearest Address

1617 SW Lander Street
Seattle, WA 98134

Driving Directions

1. Start at I 5 Seattle
2. Go northwest on I-5
3. At exit 163 take ramp on the right to W Seattle Br/Columbian Way
4. Take ramp to W Seattle Bridge/Spokane St toward Safeco Field/Qwest Field
5. At fork keep left on West Seattle Bridge
6. Continue on West Seattle Brg
7. Bear right onto ramp toward Harbor Island/11th Ave. Sw/Terminal 18
8. Continue on S Spokane St
9. At fork keep right on S Spokane St
10. Bear right on Klickitat Ave SW
11. At fork keep left on Klickitat Ave SW
12. Continue on 16th Ave SW
13. Turn left on SW Lander St
14. Finish at 1617 SW Lander Street, 98134, on the left

Duwamish Vigor Restoration Site DWW-0.1

Position - Location:	47° 35.057', -122° 21.466'	47° 35' 3.4", -122° 21' 28.0"	47.58429, -122.35777	Seattle

Strategy Objective: Exclusion : Prevent oil from entering restoration site.

Implementation: Using a workboat, secure 700 ft of boom to the shoreline at Point A. The boom should go around the pilings. Piling bridles are recommended to ensure effectiveness of the strategy through tidal changes. Extend the boom to the north, anchoring at Point B at the Vigor dock and at shoreline Point C. An additional anchor may be placed in the waterway to maintain boom position or to form a chevron if necessary, based on tides and currents. Adjust boom and use additional anchors as needed, based on conditions.

Staging Area: Onsite: Launch from Alki. Staging room at Vigor with permission.

Site Safety: Commercial Vessel Traffic; Water Hazard; Slips, Trips, Falls.

Field Notes: Deep channel, may experience strong current. Site is adjacent to Vigor Shipyard. Contact Vigor prior to deploying.

Watercourse: River - With Tidal Influence - Elliot Bay at Duwamish West Waterway

Resources at Risk: Estuary Resources, Habitat Restoration Site, Resident Fish, Salmonids



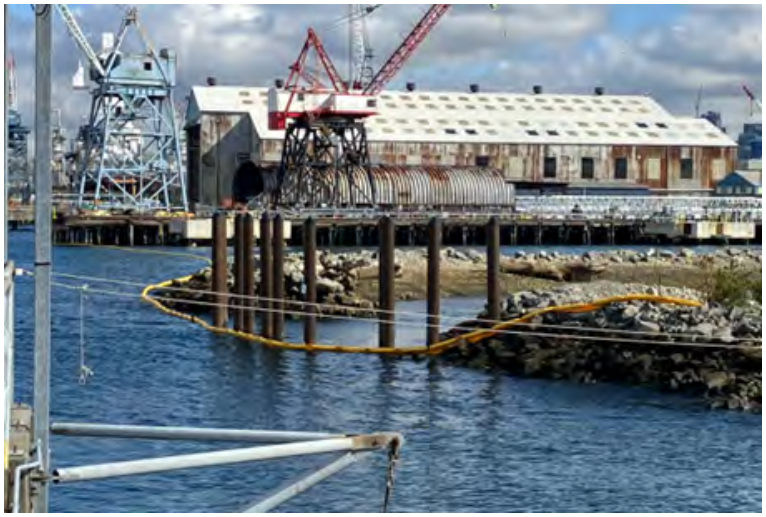
Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (Contractor Boom) or equivalent
3	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

Duwamish Vigor Restoration Site DWW-0.1



DWW-0.1 Photo: From TLP dock, looking NW towards strategy location and Point A/pilings. Vigor Shipyards dock and Points B and C to the NW.



Site Contact

Vigor Shipyards
Land/Property Contact : Environmental Manager
206-391-2278

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Nearest Address

1617 SW Lander Street
Seattle, WA 98134

Driving Directions

1. Start at I-5 N Seattle
2. Take exit 163 on the right to W Seattle Br toward Columbian Way (0.13 miles)
3. Keep left at the fork to Spokane St toward West Seattle Bridge (0.13 miles)
4. Keep left at the fork to merge onto the highway toward West Seattle Bridge (0.84 miles)
5. Take the exit on the right toward Terminal 18 / Harbor Island / 11th Ave SW (0.32 miles)
6. Continue forward on S Spokane St (0.12 miles)
7. Keep right at the fork onto 11th Ave SW (0.18 miles)
8. Keep right at the fork onto 11th Ave SW (0.06 miles)
9. At the traffic light, bear right on Klickitat Ave SW ()
10. At the traffic light, keep left at the fork onto 16th Ave SW (0.61 miles)
11. Turn left on SW Lander St (0.05 miles)
12. Turn left (0.04 miles)
13. Finish at 1617 SW Lander Street, 98134

Harbor Island - Terminal 18 Park DWW-0.8

Position - Location:	47° 34.396', -122° 21.368'	47° 34' 23.7", -122° 21' 22.1"	47.57326, -122.35614	Seattle

Strategy Objective: Collection : Collect oil from Duwamish West Waterway

Implementation: Using workboat, secure 1100ft of boom to western shore at barge tie-up, near A. Extend boom east SE across and upstream on Duwamish waterway, and set anchor at park railing, near C. Set inline anchor at B to clear barge. Use additional anchors to keep boom secure in channel and adjust as needed for conditions. Collect from shore at A or C depending on tide.

Staging Area: Onsite: Launch boat from Alki. Stage onsite at Chelan Ave SW or Terminal 18 Park.

Site Safety: Slips, Trips, Falls; Water Hazard; Active Port; Boat Traffic and Fishing

Field Notes: Terminal 18 Park on eastern anchor point. Island Tug & Barge tie-up next to public street (Chelan Ave SW). Rip-rap and seasonal weeds.

Watercourse: River - With Tidal Influence - Duwamish River - West Waterway

Resources at Risk: Eelgrass, Estuary Resources, Habitat Restoration Site, Net Pens, Salmonids



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1100	Feet	Boom - B2 (18" to 42")
1	Each	Machete(s) - (or other vegetation cutting tool)
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

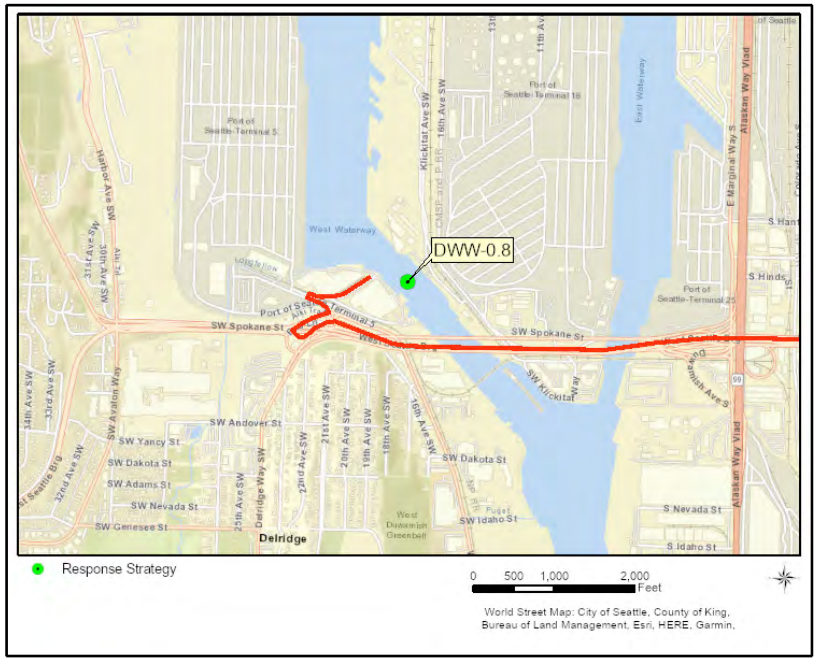
Recommended Personnel

1	Boat Operator
4	Laborer
1	Supervisor

Harbor Island - Terminal 18 Park DWW-0.8



DWW-0.8 Photo: From Chelan Ave NW at barge tie-up (anchor A), looking SE at barge and across Duwamish at Harbor Island. Terminal 12 park is hidden behind barge.



Site Contact

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Northwest Seaport Alliance
Alternate Contact : Port of Seattle and Port of Tacoma
206-787-3000

Nearest Address

3500 Chelan Ave SW
Seattle, WA 98106

Driving Directions

1. From Renton, take I-5 North towards Seattle.
2. At exit 163 take ramp on the right to West Seattle Br / Columbian Way (0.11 miles)
3. At fork keep left on W Seattle Bridge (0.14 miles)
4. At fork keep left on West Seattle Bridge (0.28 miles)
5. Merge onto West Seattle Brg (1.46 miles)
6. Take ramp on the right to Delridge Way SW / SW Spokane St (0.21 miles)
7. At fork keep right on SW Spokane St (0.07 miles)
8. At bottom of ramp, make sharp right on Chelan Ave SW (0.1 miles)
9. At stoplight, turn left on Chelan Ave SW (0.01 miles)10. Just past the overpass, turn right at curb cut and follow rail tracks between 2 warehouses. Continue to waters edge.

Duwamish West Waterway at Rail Drawbridge DWW-1.1

Position - Location:	47° 34.196', -122° 21.112'	47° 34' 11.7", -122° 21' 6.7"	47.56993, -122.35187	Seattle

Strategy Objective: Collection : Collect oil moving downstream on the Duwamish West Waterway

Implementation: Using workboat, secure 1000 ft of boom to eastern shore, at A. Extend boom N across channel to Harbor Island under West Seattle Bridge, at B, and secure to shore. Use additional anchors to keep boom secure in channel and adjust as needed for conditions. Collect from shore underneath bridge, at B.

Staging Area: Onsite: Launch from Alki or Georgetown. Stage onsite at United Motor Freight.

Site Safety: Active Rail Lines; Rail Drawbridge; Commercial Ship Traffic; Rip-Rap; Slips, Trips, Falls; Water Hazard

Field Notes: Port owned property with active vessel docking, may need to adjust anchor point to avoid vessels. High ship traffic, high current area.

Watercourse: River - With Tidal Influence - Duwamish West Waterway

Resources at Risk: Eelgrass, Estuary Resources, Fish Pens, Habitat Restoration Site, Salmonids



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	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Duwamish West Waterway at Rail Drawbridge DWW-1.1



DWW-1.1 Photo: From shoreside at A, looking SE across and upstream Duwamish West Waterway towards rail bridge and B.



Site Contact

United Motor Freight
Land/Property Owner : Landowner
206-933-0515

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Nearest Address

1271 SW Klickitat Way Seattle
Seattle, WA 98106

Driving Directions

DIRECTIONS TO HARBOR ISLAND FOR VAC TRUCK:
1. From Auburn, take I-5 North towards West Seattle Bridge.
2. Take the ramp on the right at exit 163 to West Seattle Br / Columbian Way (0.11 miles)
3. Keep left at the fork onto W Seattle Bridge / Spokane St toward Safeco Field / CenturyLink Field (0.14 miles)
4. Keep left at the fork onto West Seattle Bridge (0.28 miles)
5. Bear left on West Seattle Brg (0.68 miles)
6. Bear right onto the ramp toward Harbor Island / 11th Ave. SW / Terminal 18 (0.17 miles)
7. Continue forward on S Spokane St (0.34 miles)
8. Keep left at the fork onto S Spokane St (0.04 miles)
9. Make a sharp left on Klickitat Ave SW (0.04 miles)
10. Turn right across railroad tracks into small parking lot by gravel under West Seattle Bridge.

Duwamish Waterway - Restoration Sites - Left Bank GRD-0.6

Position - Location:	47° 33.992', -122° 20.979'	47° 33' 59.5", -122° 20' 58.7"	47.56654, -122.34965	Seattle

Strategy Objective: Exclusion : Keep oil out of tidal wetlands.

Implementation: Secure 900ft of boom to riverbank. Extend south/upriver and secure other end to riverbank. Pull midpoint of boom east into waterway and secure with anchor or piling bridle. If need be, place sorbent across inlet at high tide line. Adjust as needed for conditions.

Staging Area: Onsite: Launch from Don Armeni (Alki). Small staging room at paved parking 300ft trail from site.

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

Field Notes: Site of two restoration projects (Terminal 105 Park & General Recycling of WA). Shallow mud with abandoned pilings. Cut Terminal 105 gate to access at night. Can walk across tideflat during low tide.

Watercourse: River - With Tidal Influence - Small Tidal Creek at Duwamish Waterway

Resources at Risk: Habitat Restoration Site, Mud Flat(s), Recreational Use Area, Salmonids



Recommended Equipment

6	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
900	Feet	Boom - B2 (18" to 42")
100	Feet	Boom - Sorbent
100	Feet	Line - 3/8" poly line
1	Each	Waders
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Duwamish Waterway - Restoration Sites - Left Bank GRD-0.6



GRD-0.6 Photo: From above the river/waterway, looking towards both restoration project sites.



Site Contact

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

General Recycling of WA
Land/Property Owner : Environmental Manager
2069457990

Nearest Address

4260 W Marginal Way SW.
Seattle, WA 98106

Driving Directions

1. From Renton, take I-5 North towards Seattle.
2. At exit 163 take ramp on the right to West Seattle Br / Columbian Way (0.11 miles)
3. At fork keep left on W Seattle Bridge / Spokane St toward Safeco Field / CenturyLink Field (0.14 miles)
4. At fork keep left on West Seattle Bridge (0.28 miles)
5. Bear left on West Seattle Brg (1.46 miles)
6. Take ramp on the right to Delridge Way SW / SW Spokane St toward South Seattle Comm. Coll. (0.21 miles)
7. At fork keep right on SW Spokane St (0.07 miles)
8. Make sharp right on Chelan Ave SW (0.13 miles)
9. Bear right on W Marginal Way SW (0.29 miles)
10. Turn left into fenced area with trees, across tracks, at sign for T-105 Park. (Gate is closed at night.)
11. Proceed to end of road and small parking area.

Herring's House Park (Tualwtx) GRD-1.0

Position - Location:	47° 33.722', -122° 20.977'	47° 33' 43.3", -122° 20' 58.6"	47.56204, -122.34962	Seattle

Strategy Objective: Exclusion : Keep oil out of restored estuary

Implementation: Secure 200ft of boom to shore south of inlet at vegetation, near A. Extend North across inlet and secure other end to shore near B. Pull midpoint of boom SE into Duwamish and secure with anchor. Tie sorbent across inlet at high tide line. Adjust as needed for conditions.

Staging Area: Onsite: Launch from Don Armeni (Alki). Small parking lot 1/8 mile trail walk from site.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Tight area behind barge moorages, shallow mud at low tide. Public park.

Watercourse: River - With Tidal Influence - Duwamish Waterway

Resources at Risk: City Park, Habitat Restoration Site, Marsh, Mud Flat(s), Salmonids, Sensitive Resources



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (18" to 42")
50	Feet	Boom - Sorbent
100	Feet	Line - 3/8" poly line
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Herring's House Park (Tualwtx) GRD-1.0



GRD-1.0 Photo: From A, looking NE across inlet and at back of moored barges. Taken at +6ft tide.



Site Contact

Seattle Parks Duty Officer
Emergency Contact : has key to gates
206 982 4583

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Nearest Address

4540 W Marginal Way SW
Seattle, WA 98106

Driving Directions

1. From Renton, take I-5 North towards Seattle.
2. At exit 163 take ramp on the right to West Seattle Br / Columbian Way (0.11 miles)
3. At fork keep left on W Seattle Bridge / Spokane St toward Safeco Field / CenturyLink Field (0.14 miles)
4. At fork keep left on West Seattle Bridge (0.28 miles)
5. Bear left on West Seattle Brg (1.46 miles)
6. Take ramp on the right to Delridge Way SW / SW Spokane St toward South Seattle Comm. Coll. (0.21 miles)
7. At fork keep right on SW Spokane St (0.07 miles)
8. Make sharp right on Chelan Ave SW (0.13 miles)
9. Bear right on W Marginal Way SW (0.86 miles)
10. Turn left into park (sign for Herring's House Park).
11. If possible park at south end of small parking area.
12. Site is 1/8 mile from parking area, by trail.

Kellogg Island - North GRD-1.1

Position - Location:	47° 33.620', -122° 20.885'	47° 33' 37.2", -122° 20' 53.1"	47.56034, -122.34809	Seattle

Strategy Objective: Exclusion : Keep oil out of side channel west of Kellogg Island

Implementation: Tide must be 4ft high to deploy. Using workboat, secure 1600ft of boom to shore north of side channel, at A. Extend boom east to main waterway and set inline anchor to clear island, at B. Extend boom south and secure with bridle to piling between groups of barges, at C. Secure remaining end to shore above tide mark, at D. Adjust anchor points and use additional anchors as needed for conditions.

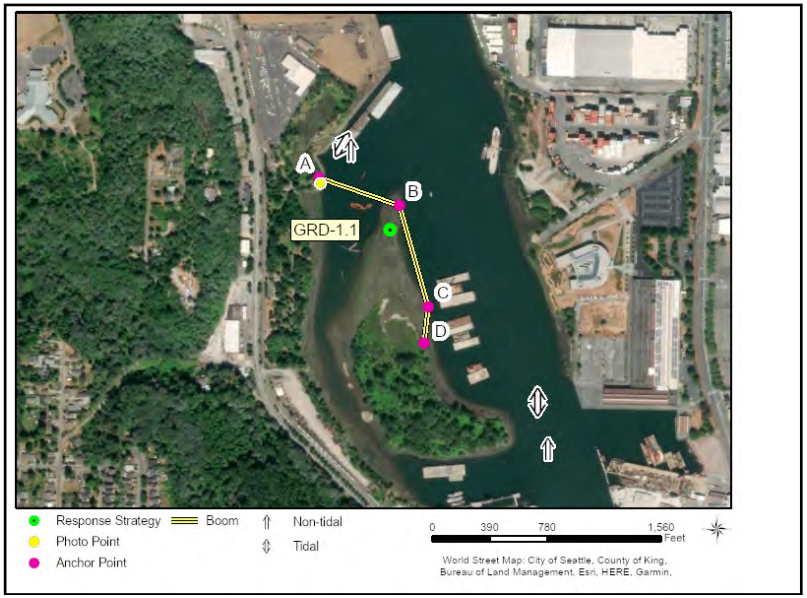
Staging Area: Remote: Stage and launch from ramp under WA-99 bridge.

Site Safety: Boat Traffic; Fishing; Moored Barges; Unstable Banks; Rip Rap; Slips, Trips, Falls; Water Hazard

Field Notes: Tidal influence submerges low-lying areas on north of island. Boom stored in water.

Watercourse: River - With Tidal Influence - Duwamish Waterway

Resources at Risk: City Park, Habitat Restoration Site, Herons, Mud Flat(s), Salmonids, Sensitive Resources, Waterfowl



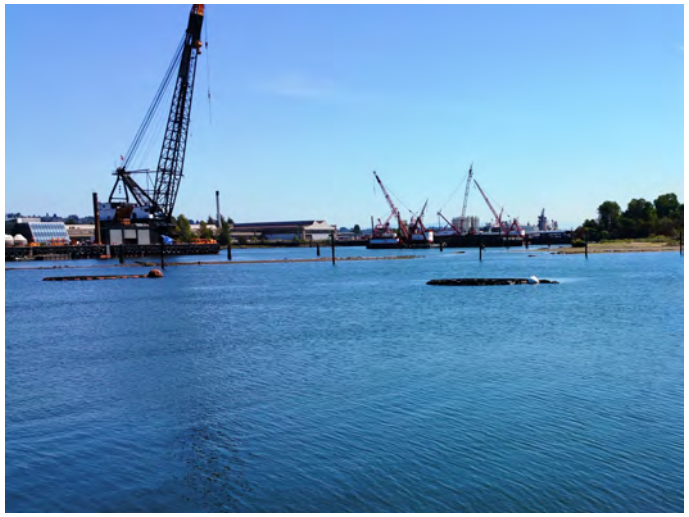
Recommended Equipment

5	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1600	Feet	Boom - B2 (Contractor Boom) or equivalent
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
4	Laborer

Kellogg Island - North GRD-1.1



GRD-1.1 Photo: From park bench on NW bank (A), looking SE at Kellog Island. Taken at +7ft tide.



Site Contact

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Seattle Parks Duty Officer
Land/Property Contact : has key to gates
206 982 4583

Nearest Address

79 South River Street
Seattle, WA 98108

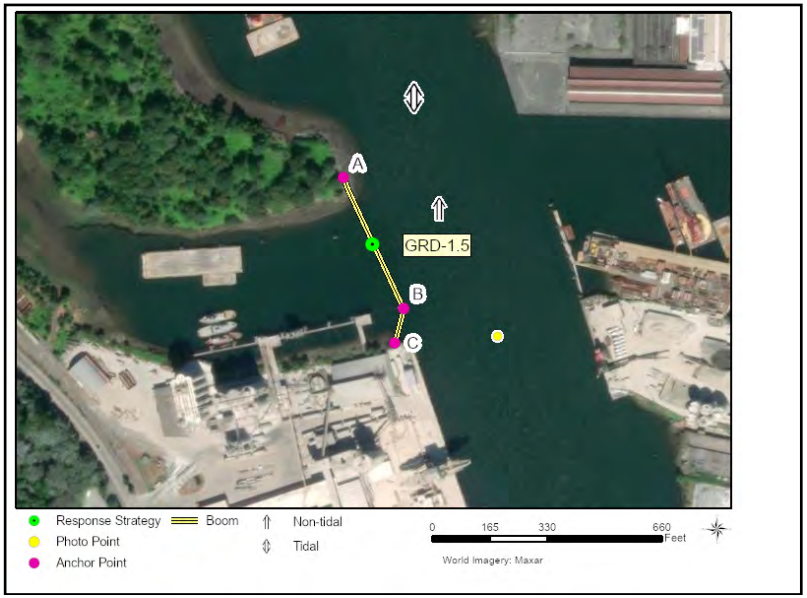
Driving Directions

DIRECTIONS TO BOAT LAUNCH ON DUWAMISH RIVER AT WA-99 BRIDGE:
1. From Tukwila, take I-5 North towards Georgetown/ S Seattle
2. At exit 162 take ramp on the left to Corson Ave toward Michigan St (0.68 miles)
3. Continue on Corson Ave S (0.13 miles)
4. Turn right on S Michigan St (0.59 miles)
5. Turn left on Occidental Ave S (0.07 miles)
6. Turn right on S River St (0.03 miles)
7. Boat launch is on the left, just under the WA-99 bridge.

Kellogg Island - South GRD-1.5

Position - Location:	47° 33.362', -122° 20.661'	47° 33' 21.7", -122° 20' 39.7"	47.55603, -122.34435	Seattle

Strategy Objective:	Exclusion : Keep oil out of side channel west of Kellogg Island
Implementation:	Using workboat, secure 600ft of boom to shore of Kellog Island, at A. Extend boom S and use piling bridle to attach to dolphin or dock, at B. Extend remaining boom to shore and secure at C. Adjust anchor points and use additional anchors as needed for conditions.
Staging Area:	Remote: Stage and launch from ramp under WA-99 bridge
Site Safety:	Commercial Ship Traffic; Fishing; Unstable Banks; Slips, Trips, Falls; Water Hazard
Field Notes:	Tidal influence. Ships/barges may be docked at cement plant (was Ideal, now LaFarge). Tribal fishing nets may also be in area. Usual anchor points may need to be adjusted.
Watercourse:	River - With Tidal Influence - Duwamish Waterway
Resources at Risk:	City Park, Habitat Restoration Site, Herons, Mud Flat(s), Salmonids, Sensitive Resources, Waterfowl



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
600	Feet	Boom - B2 (Contractor Boom) or equivalent
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

Kellogg Island - South GRD-1.5



GRD-1.5 Photo: From Duwamish waterway, looking NW at strategy deployed with extra boom. Taken at +4 ft tide.



Site Contact

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Northwest Seaport Alliance
Land/Property Contact : Port of Seattle and Port of Tacoma
206-787-3000

Nearest Address

79 South River Street
Seattle, WA 98108

Driving Directions

DIRECTIONS TO BOAT LAUNCH ON DUWAMISH RIVER AT WA-99 BRIDGE:
1. From Tukwila, take I-5 North towards Georgetown/ S Seattle
2. At exit 162 take ramp on the left to Corson Ave toward Michigan St (0.68 miles)
3. Continue on Corson Ave S (0.13 miles)
4. Turn right on S Michigan St (0.59 miles)
5. Turn left on Occidental Ave S (0.07 miles)
6. Turn right on S River St (0.03 miles)
7. Boat launch is on the left, just under the WA-99 bridge.

CalPortland Cement Dock GRD-2.0

Position - Location:	47° 32.938', -122° 20.450'	47° 32' 56.3", -122° 20' 27.0"	47.54897, -122.34084	Seattle

Strategy Objective: Exclusion : Keep oil out of marsh behind dock

Implementation: Using workboat, secure 900ft of boom to shore north of cement dock, at A. Extend boom E and set anchor to clear dock, at B. Continue S to clear other end of dock and set anchor at C. Extend remaining boom to shore and secure at D. Adjust anchor points and use additional anchors as needed for conditions.

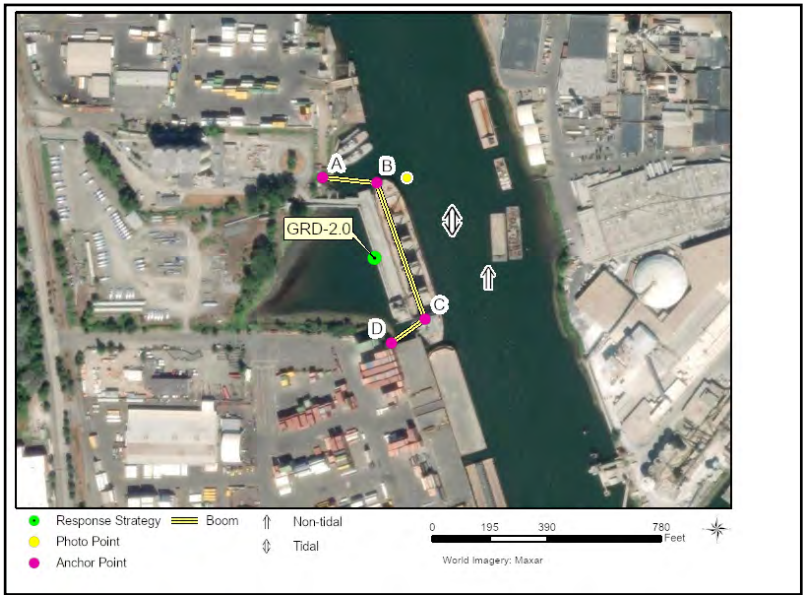
Staging Area: Remote: Stage and launch from Boat Ramp under WA-99 Bridge

Site Safety: Toxic Soils; Active Dock; Commercial Ship Traffic; Fishing; Slips, Trips, Falls; Water Hazard

Field Notes: Loading dock at CalPortland Cement. If ship is at dock may need extra boom to clear. Port of Seattle owns South property (Terminal 115).

Watercourse: River - With Tidal Influence - Duwamish Waterway

Resources at Risk: Habitat Restoration Site, Marsh, Mud Flat(s), Riparian Habitat, Salmonids, Wetlands



Recommended Equipment

3	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
900	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
3	Laborer

CalPortland Cement Dock GRD-2.0



GRD-2.0 Photo: Strategy mid-deployment. Taken at +10ft tide, from boat off northern edge of dock.



Site Contact

CalPortland Seattle Cement Terminal
Land/Property Owner : Dock Owner
206-764-3075

Port of Seattle Duty Officer
Emergency Contact : 24-7 Hotline
206-787-3688

Nearest Address

79 South River Street
Seattle, WA 98108

Driving Directions

DIRECTIONS TO BOAT LAUNCH ON DUWAMISH RIVER AT WA-99 BRIDGE:
1. From Tukwila, take I-5 North towards Georgetown/ S Seattle
2. At exit 162 take ramp on the left to Corson Ave toward Michigan St (0.68 miles)
3. Continue on Corson Ave S (0.13 miles)
4. Turn right on S Michigan St (0.59 miles)
5. Turn left on Occidental Ave S (0.07 miles)
6. Turn right on S River St (0.03 miles)
7. Boat launch is on the left, just under the WA-99 bridge.

Duwamish River People's Park GRD-4.0

Position - Location:	47° 31.583', -122° 18.629'	47° 31' 35.0", -122° 18' 37.8"	47.52638, -122.31049	Seattle

Strategy Objective: Exclusion : Exclusion : Keep oil out of restoration site/park.

Implementation: Transport 800ft of boom to site using a workboat. Secure one end of boom to the piling at Point A. Piling bridles are recommended to ensure effectiveness of the strategy through tidal changes. Extend the boom downstream, anchoring at Point B and Point C using in-line anchors. Extend the boom further downstream towards pier to anchor at Point D using piling bridles or shoreside anchor system, as conditions dictate. Adjust boom and deploy additional anchors as needed, based on conditions.

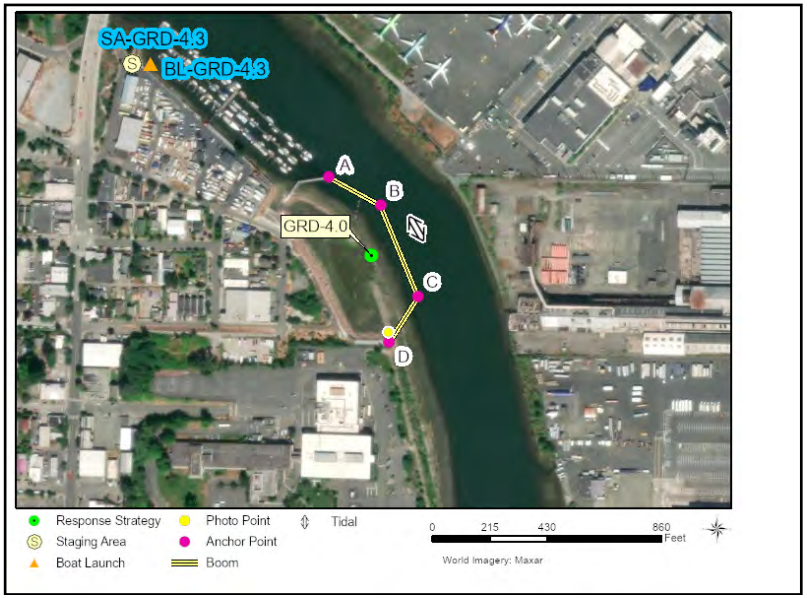
Staging Area: Remote: Stage and launch from ramp under WA-99 bridge. Alternatively, hand launched boats can be put in nearby at S. Thistl

Site Safety: Commercial Vessel Traffic; Water Hazard; Slips, Trips, Falls

Field Notes: Park access

Watercourse: River - With Tidal Influence - Duwamish River

Resources at Risk: Habitat Restoration Site, Recreational Use Area, Resident Fish, Salmonids, Wetlands



Recommended Equipment

2	Each	Anchor - In-Line
800	Feet	Boom - B2 (Contractor Boom) or equivalent
2	Each	Bridle(s) - Piling (appropriately sized for boom)
1	Each	Workboat(s) - of adequate size for type and amount of boom

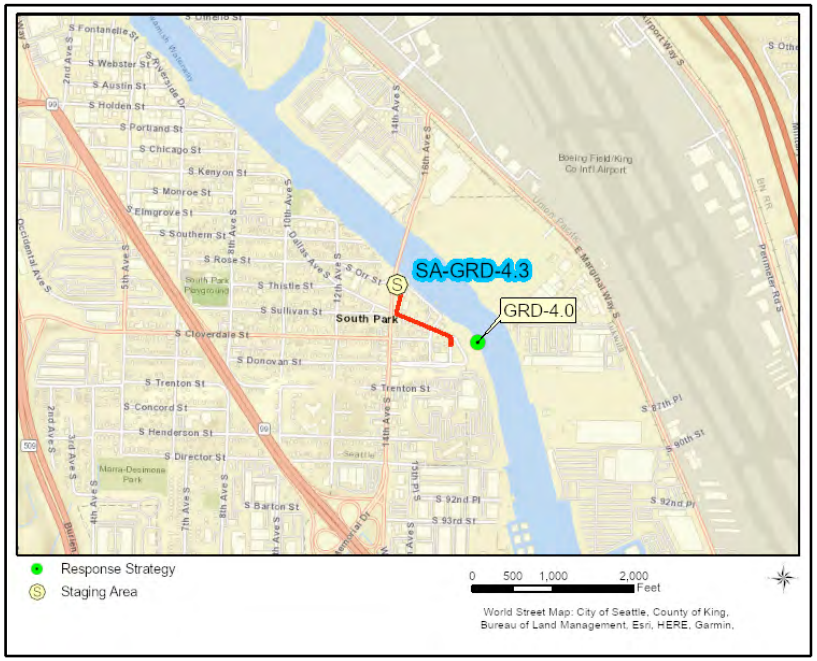
Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Duwamish River People's Park GRD-4.0



GRD-4.0 Photo: Photo taken from structure at anchor Point A looking northwest.



Site Contact

Port of Seattle Duty Officer
Land/Property Contact : 24-7 Hotline

Seattle, WA
206-787-3688

Nearest Address

8700 Dallas Ave S.
Seattle, WA 98108

Driving Directions

1. Start at Location 1
2. Go northwest on S Thistle St (0.01 miles)
3. Turn left to stay on S Thistle St (0.07 miles)
4. At the stop sign, turn left on Dallas Ave S (0.14 miles)
5. Finish at 8700 Dallas Ave S., 98108, on the left

Hamm Creek at Duwamish Waterway GRD-4.9

Position - Location:	47° 30.989', -122° 18.400'	47° 30' 59.4", -122° 18' 24.0"	47.51649, -122.30667	Seattle

Strategy Objective: Exclusion : Keep oil out of Hamm Creek

Implementation: Using workboat, secure 400ft of boom to shore south of inlet at treeline, at A. Extend other end N across inlet, past old pilings, and secure to shore near B. Pull midpoint of boom E into Duwamish and secure with anchor. Tie sorbent across inlet at high tide line. Adjust as needed for conditions.

Staging Area: Remote: Stage and launch from boat ramp at WA-99 bridge. Site is difficult to access from land.

Site Safety: Submerged Pilings; Unstable Banks; Overhead Power Lines; Slips, Trips, Falls; Water Hazard

Field Notes: Very shallow 100ft from banks, with mudflats. Restoration site on public land. Tidal creek marsh.

Watercourse: River - With Tidal Influence - Duwamish Waterway

Resources at Risk: Habitat Restoration Site, Marsh, Mud Flat(s), Salmonids



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
400	Feet	Boom - B3 (River Boom) or equivalent
100	Feet	Boom - Sorbent
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

Hamm Creek at Duwamish Waterway GRD-4.9



GRD-4.9 Photo: From land upstream, looking E towards Duwamish at Hamm Creek mouth. Taken at +7ft tide.



Site Contact

King County Parks and Recreation
Land/Property Contact :
201 S. Jackson Street, # 700
Seattle, WA 98104
206-296-8100

Nearest Address

79 South River Street
Seattle, WA 98108

Driving Directions

DIRECTIONS TO BOAT LAUNCH ON DUWAMISH RIVER AT WA-99 BRIDGE:
1. Start at I-5 N Tukwila
2. Go on I-5 N
3. At exit 162 take ramp on the left to Corson Ave toward Michigan St (0.68 miles)
4. Continue on Corson Ave S (0.13 miles)
5. Turn right on S Michigan St. Get in left lane at Marginal Way to continue straight on Michigan. (0.59 miles)
6. Turn left on Occidental Ave S (0.07 miles)
7. Turn right on S River St (0.03 miles)
8. Boat ramp is on the left just under the WA-99 bridge.

Dockton Park (Maury Island) MAUI-1

Position - Location:	47° 22.285', -122° 27.289'	47° 22' 17.1", -122° 27' 17.4"	47.37142, -122.45482	Vashon

Strategy Objective: Collection : Collect oil at boat ramp at Dockton Park

Implementation: Using workboat, secure 700ft of boom to shore at boat ramp, at A. Extend boom NNE to marina boat dock and secure to piling at B. Use additional anchoring systems as needed for conditions. Collect from boat ramp.

Staging Area: Onsite: Stage onsite at Dockton Park boat ramp/marina.

Site Safety: Shallow at Low Tide; Slips, Trips, Falls; Water Hazard; Vehicle Traffic; Pedestrian Traffic

Field Notes: Notify Vashon Park District prior to implementation; call 206-463-9602. Stage equipment in parking area near boat ramp.

Watercourse: Puget Sound - Quartermaster Harbor

Resources at Risk: Forage Fish, Habitat Restoration Site, Marine Mammals, Recreational Use Area, Salmonids



Recommended Equipment

6	Each	Anchoring System(s) - (anchor, lines, floats)
1	Each	Anchoring System(s)- Shoreside
700	Feet	Boom - B2 (18" to 42")
1	Each	Vac Truck or Skimmer and Storage
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Dockton Park (Maury Island) MAUI-1



MAUI-1 Photo: Looking NE from boat launch toward docks at low tide



Site Contact

King County Parks and Recreation
Land/Property Owner :
206-296-8100

Vashon Park District
Alternate Contact : Maintenance Director
206-463-9602

Nearest Address

9500 SW Dock St
Vashon, WA 98070

Driving Directions

DIRECTIONS TO SITE FROM VASHON FERRY DOCK:
1. Take a ferry to Vashon Island
2. Go south on Vashon Hwy SW toward 103rd Ave SW (7.57 miles)
3. Bear left on Dugway Rd SW (0.26 miles)
4. Bear left on SW Quartermaster Dr (1.12 miles)
5. Turn right on Dockton Rd SW (0.6 miles)
6. Bear right to stay on Dockton Rd SW (2.96 miles)
7. Turn right into parking for Dockton Marina.

Rabbs Lagoon (Maury Island) MAUI-2

Position - Location:	47° 23.507', -122° 26.002'	47° 23' 30.4", -122° 26' .1"	47.39179, -122.43337	Vashon

Strategy Objective: Exclusion : Keep oil out of Rabbs Lagoon

Implementation: Secure one end of 200ft length of boom to shore at wood bulkhead, at A. Walk or use shallow boat to extend boom E across channel and secure to shore 70ft E of other bulkhead, at B (at high tide water will flow on both sides of E bulkhead). At high tide, use boat to set midpoint anchor into harbor to create chevron. Pack interior of inlet with sorbent. Adjust boom and anchors as needed for conditions.

Staging Area: Onsite: Stage equipment at small parking area, gate may be locked afterhours.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: 500ft walk from parking to site. Deployable by foot at low tide. At high tide need hand launch boat to cross inlet and set anchor.

Watercourse: Puget Sound - Quartermaster Harbor

Resources at Risk: Estuary Resources, Forage Fish, Marsh, Recreational Use Area, Waterfowl



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B2 (18" to 42")
100	Feet	Boom - Sorbent
200	Feet	Line - 3/8" poly line
1	Each	Workboat(s) - (hand-launch)

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Rabbs Lagoon (Maury Island) MAUI-2



MAUI-2 Photo: From west bulkhead, looking E across entrance to Rabbs Lagoon at +3ft tide. Quartermaster Harbor on the right.



Site Contact

King County Parks and Recreation
Land/Property Contact :
206-296-8100

Vashon Park District
Alternate Contact : Maintenance Director
206-463-9602

Nearest Address

23605 Kingsbury Rd SW
Vashon, WA 98070

Driving Directions

DIRECTIONS TO SITE ON VASHON ISLAND:

1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Go south on Vashon Hwy SW toward 103rd Ave SW (7.61 miles)
4. Bear left on Dugway Rd SW (0.26 miles)
5. Bear left on SW Quartermaster Dr (1.12 miles)
6. Turn right on Dockton Rd SW (0.3 miles)
7. Turn right on Kingsbury Rd SW (0.63 miles)
8. At end of road, continue straight into turnaround/ parking area for Raabs Lagoon Natural Area

Simpson Restoration Site (Puyallup River) PYLPR-1.2

Position - Location:	47° 15.193', -122° 25.072'	47° 15' 11.6", -122° 25' 4.3"	47.25322, -122.41786	Tacoma

Strategy Objective: Exclusion : Keep oil out of tidal restoration site

Implementation: Using workboat, secure 200ft section of boom to south/upstream side of side channel entrance on river left, at A. Extend boom south across entrance and secure to shore on northern side, at C. Pull boom midpoint West into river channel and set anchor at C to form chevron. Back with sorbent. Adjust anchor points and boom angle as needed for conditions.

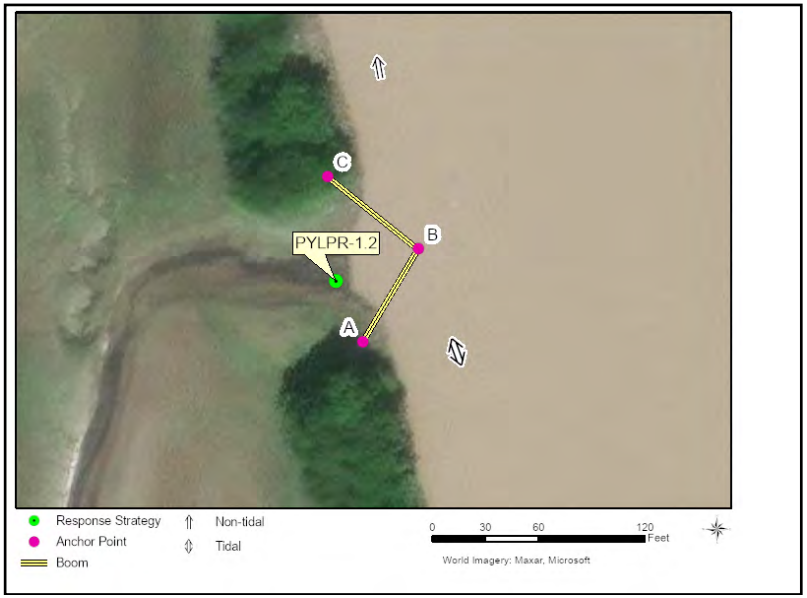
Staging Area: Remote: Stage and launch from Point Defiance

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

Field Notes: Trees for easy anchors. New side channel with small inlet on river left. Large tide change. Army Corps property.

Watercourse: River - With Tidal Influence - Puyallup River - Heavy Tidal Influence

Resources at Risk: Estuary Resources, Habitat Restoration Site, Salmonids, Waterfowl



Recommended Equipment

1	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (18" to 42")
100	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

Simpson Restoration Site (Puyallup River) PYLPR-1.2



PYLPR-1.2 Photo: From levee on river left, looking SE across restoration site towards the Puyallup River. Taken at 11.6 river height, +6 ft tide, 2400 cfs



Site Contact

Puyallup Tribe of Indians
Pre-Notification Required : Chief of Police
253-680-5636

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO BOAT LAUNCH AT POINT DEFIANCE:
1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Trailer parking is past the boat launch on the right.

Gog-le-hi-te Wetland I (Puyallup River) PYLPR-1.6

Position - Location:	47° 14.943', -122° 24.724'	47° 14' 56.6", -122° 24' 43.4"	47.24905, -122.41206	Tacoma

Strategy Objective: Exclusion : Keep oil out of restored wetland area

Implementation: Using workboat, secure 200ft of boom to shore at south side of levee breach, at A. Extend boom 100ft north across entry to wetland and secure to other shore at levee, at C. Drag midpoint of boom east into river channel and set anchor at B to create chevron. Back with sorbent. Adjust anchor points and boom angle as needed for conditions.

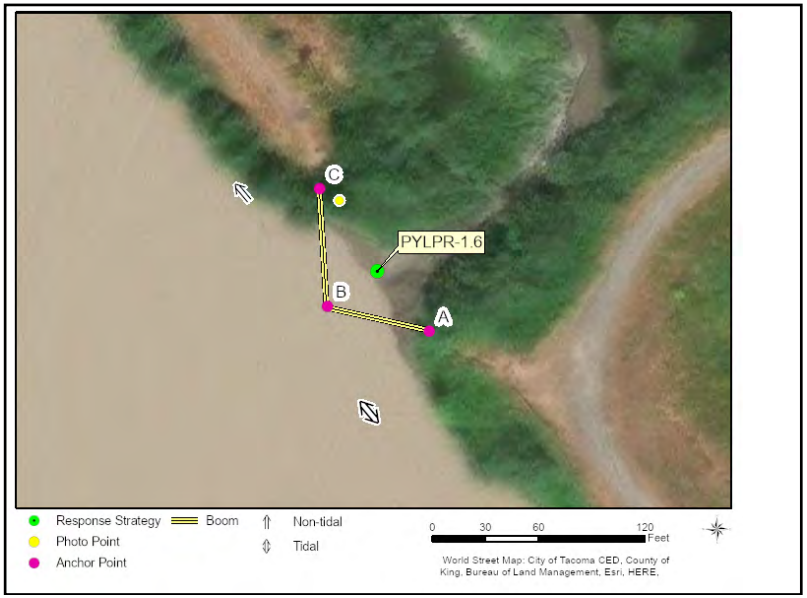
Staging Area: Remote: Stage and launch from Point Defiance

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

Field Notes: USACE levee - call Army Corps Seattle District. Restored wetland and recreation area.

Watercourse: River - With Tidal Influence - Puyallup River

Resources at Risk: Habitat Restoration Site, Salmonids, Waterfowl, Wildlife Refuge



Recommended Equipment

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

Gog-le-hi-te Wetland I (Puyallup River) PYLPR-1.6



PYLPR-1.6 Photo: On Puyallup River right, looking southeast across levee breach into wetland area. Taken at +6 ft tide, 2400 cfs, 11.6 ft height.



Site Contact

Puyallup Tribe of Indians
Pre-Notification Required : Chief of Police
253-680-5636

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH:
1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Trailer parking is just past the boat launch, on the right.

Gog-le-hi-te Wetland II (Puyallup River) PYLPR-1.8

Position - Location:	47° 14.797', -122° 24.526'	47° 14' 47.8", -122° 24' 31.6"	47.24662, -122.40877	Tacoma

Strategy Objective: Exclusion : Keep oil out of restored wetlands

Implementation: Using workboat, secure 200ft of boom to shore at south side of levee breach, at A. Extend boom 100ft north across entry to wetland and secure to other shore at levee, at C. Drag midpoint of boom east into river channel and set anchor at B to create chevron. Back with sorbent. Adjust anchor points and boom angle as needed for conditions.

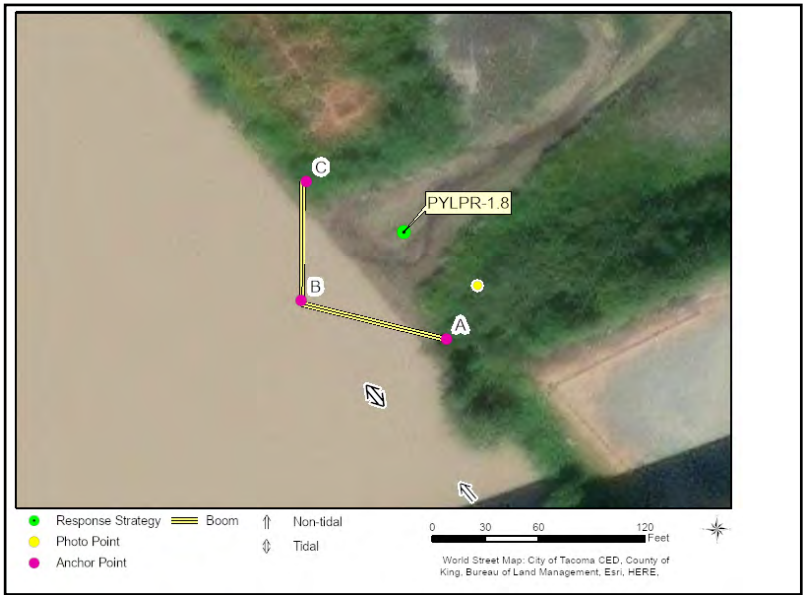
Staging Area: Remote: Stage and launch from Point Defiance

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

Field Notes: Restored wetland with levee breach.

Watercourse: River - With Tidal Influence - Puyallup River

Resources at Risk: Habitat Restoration Site, Salmonids, Waterfowl, Wildlife Refuge



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Gog-le-hi-te Wetland II (Puyallup River) PYLPR-1.8



PYLPR-1.8 Photo: From levee top on river right, near bridge, looking NW across breach into wetland. Taken at +6 ft tide, 2400 cfs, 11.6 ft height.



Site Contact

Northwest Seaport Alliance
Land/Property Contact : Port of Seattle and Port of Tacoma

Seattle, WA 98111
206-787-3000

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

DIRECTIONS TO POINT DEFIANCE BOAT LAUNCH:
1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Trailer parking is just past the boat launch, on the right.

Point Hayer Marsh (Vashon) - Ebb Tide — VI-1e

Position - Location:	47° 25.312', -122° 25.961'	47° 25' 18.7", -122° 25' 57.7"	47.42186, -122.43269	Vashon

Strategy Objective: Exclusion : Keep oil out of Point Hayer marsh

Implementation: Secure one end of 100ft length of boom to shore at bridge, at A. Then extend boom SE along bridge and secure remainder at B. Back with sorbent. Adjust anchor points and angle as needed for conditions.

Staging Area: Onsite: Stage equipment at small parking area on road shoulder.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Walk 200ft down dirt/gravel trail to wooden bridge. Shallow or dry unless at high tide.

Watercourse: Puget Sound - Tidal Marsh

Resources at Risk: Marsh, Recreational Use Area, Salmonids, Shorebirds, Waterfowl



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Point Hayer Marsh (Vashon) - Ebb Tide VI-1e



VI-1e Photo: Looking WNW toward entrance to marsh. Taken at +8ft tide.



Site Contact

Sinclair Broadcast Group
Primary Contact :

WA
202-663-8195

Nearest Address

20336 78th Pl SW
Vashon, WA 98070

Driving Directions

1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Continue on Vashon Hwy SW (4.6 mi)
4. Turn left onto SW Bank Rd (0.5 mi)
5. Turn right onto Beall Rd SW (0.5 mi)
6. Turn left onto SW 184th St (0.2 mi)
7. Turn right onto Ridge Rd SW (1.8 mi)
8. Ridge Rd SW turns slightly left and becomes SW 204th St (0.2 mi)
9. Park on road shoulder. Walk 200ft past gate down pedestrian trail to wooden bridge.

Ellis Marsh (Vashon) - Ebb Tide — VI-2e

Position - Location:	47° 25.038', -122° 26.403'	47° 25' 2.3", -122° 26' 24.2"	47.41730, -122.44005	Vashon

Strategy Objective: Exclusion : Keep oil out of Ellis Creek Natural Area

Implementation: Secure one end of 100ft of boom at A. Extend boom N across culvert and secure other end to roadside at C. Pull boom midpoint into channel to create chevron and set anchor. Pack culvert with sorbent on both sides of road. Adjust anchor points and angle as needed for conditions.

Staging Area: Onsite: Stage equipment at parking area north of site, or small shoulder south of site.

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

Field Notes: May need to close lane for safe deployment. Follow WSDOT guidelines for flaggers and lane closure. Large tide change, no boat access unless at extreme high tide.

Watercourse: Puget Sound - Ellis Creek Salt Marsh

Resources at Risk: Estuary Resources, Marsh, Recreational Use Area, Salmonids



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Ellis Marsh (Vashon) - Ebb Tide VI-2e



VI-2e Photo: On beach, east of road, looking S at entrance to culvert. Taken at +8ft tide.



Site Contact

Vashon Park District
Primary Contact : Maintenance Director

Vashon, WA 98070
206-463-9602

Nearest Address

20882 Dockton Rd SW
Vashon, WA 98070

Driving Directions

1. Start at Vashon Island Ferry Dock WA
2. Go south on Vashon Hwy SW toward 103rd Ave SW (6.54 miles)
3. Turn left on SW 204th St (0.41 miles)
4. Continue forward on SW Ellisport Rd (0.75 miles)
5. Turn left on Chautaugua Beach Rd SW (10 feet)
6. Turn right into the gravel shoulder parking area.
6. The site is 150ft south on Dockton Rd SW, near 20882 Dockton Rd SW, 98070.

Tramp Harbor Dock (Vashon) VI-3

Position - Location:	47° 24.803', -122° 26.216'	47° 24' 48.2", -122° 26' 12.9"	47.41338, -122.43693	Des Moines

Strategy Objective:	Collection : Collect oil from Tramp Harbor
Implementation:	Using workboat, secure end of 700ft of boom to shore, near stairs from parking area, at A. Extend boom NE to create collection pocket and set inline anchor at B. Extend remaining boom NE out into Tramp Harbor, anchoring end at C. Adjust anchor points and boom angle as needed for conditions or spill source. Use additional anchors as needed. Collect from shoreside parking area at A.
Staging Area:	Remote: Stage and launch from Redondo Beach, Des Moines. Parking on site.
Site Safety:	DO NOT USE DOCK - NOT WEIGHT BEARING; Roadway Hazard; Slips, Trips, Falls; Water Hazard
Field Notes:	Dock pilings will not support weight. Slated for demolition. Tramp Harbor dock belongs to Vashon Park District.
Watercourse:	Puget Sound - Tramp Harbor (East Passage)
Resources at Risk:	Crabs, Eelgrass, Recreational Use Area, Salmonids, Waterfowl



Recommended Equipment

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

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Tramp Harbor Dock (Vashon) VI-3



VI-3 Photo: From end of dock, looking SW at parking area and ladder. Taken at +8ft tide.



Site Contact

Vashon Park District
Primary Contact : Maintenance Director

Vashon, WA 98070
206-463-9602

Nearest Address

28315 Redondo Way South
Des Moines, WA 98198

Driving Directions

DIRECTIONS TO SITE FOR VAC TRUCK:
1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Turn left onto SW Cemetery Rd (5.9 mi)
4. SW Cemetery Rd turns right and becomes Vashon Ave (0.6 mi)
5. Continue onto Dockton Rd SW/George Edwards Rd
6. Turn left on SW Ellisport Rd (0.04 mi)
7. Bear right on Dockton Rd SW (0.37 mi)
8. Turn left into parking area for the Tramp Harbor pier.

DIRECTIONS TO REDONDO BOAT LAUNCH:
1. From Tacoma, take I-5 North towards Federal Way.
2. At exit 143 bear right onto ramp to S. 320th St. toward Federal Way (0.3 mi)
3. Turn left on S 320th St (0.8 mi)
4. Turn right on WA-99 (Pacific Hwy S) (1.4 mi)
5. Turn left on WA-509 (S Dash Point Rd) (381 ft)
6. Turn right on Redondo Way S (16th Ave S) (1.0 mi)
7. Turn left into paid parking at 28315 Redondo Way South, 98198. Boat launch is across street.

Judd Creek (Vashon) VI-4f

Position - Location:	47° 24.037', -122° 27.773'	47° 24' 2.2", -122° 27' 46.4"	47.40061, -122.46288	Vashon

Strategy Objective: Exclusion : Keep oil out of Judd Creek

Implementation: At mid to high tide, use workboat to secure one end of 1000ft boom to shore at A. Extend boom W into Quartermaster Harbor and set midpoint anchor in channel, at B. Extend remaining boom N to shore and secure at C. At low tide, walk sorbent boom across narrower part of creek and tie to trees. Adjust boom angle and use anchors as needed for conditions.

Staging Area: Remote: Stage at Jensen Point Park, launch from Tacoma.

Site Safety: Slips, Trips, Falls; Water Hazard; Shallow at Low Tide

Field Notes: May be too shallow to access at low tide. Private Property. Access via boat.

Watercourse: Creek - Quartermaster Harbor - Judd Creek

Resources at Risk: Forage Fish, Marsh, Mud Flat(s), Salmonids, Waterfowl



Recommended Equipment

4	Each	Anchoring System(s) - (anchor, lines, floats)
2	Each	Anchoring System(s)- Shoreside
1000	Feet	Boom - B2 (18" to 42")
300	Feet	Boom - Sorbent
200	Feet	Line - 3/8” poly line
1	Each	Waders
1	Each	Workboat(s) - shallow-water

Recommended Personnel

1	Boat Operator
3	Laborer
1	Supervisor

Judd Creek (Vashon) VI-4f



VI-4f Photo: Looking NE across mouth of Judd Creek at +0 ft tide.



Site Contact

No Information
Private Owner :

Nearest Address

8903 SW Bayview Drive
Vashon, WA 98070

Driving Directions

DIRECTIONS TO JENSEN POINT PARK BOAT LAUNCH, VASHON ISLAND:
1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Continue on Vashon Hwy SW (8.8 miles)
3. Turn left on SW Burton Dr (0.4 miles)
4. Turn right on 97th Ave SW (0.1 miles)
5. Continue on SW Bayview Dr (0.7 miles)
6. Turn right into boat launch and parking area.

Burton Marsh (Vashon) VI-5

Position - Location:	47° 23.109', -122° 27.013'	47° 23' 6.5", -122° 27' .8"	47.38515, -122.45022	Vashon

Strategy Objective: Exclusion : Keep oil out of Burton Marsh

Implementation: Secure one end of 300ft of boom to shore at A. Using workboat, extend boom S across inlet and secure to shore at B. Extend midpoint of boom E into harbor and set anchor to create chevron. String sorbent across neck of inlet. Adjust anchor points, angles, and number of anchors as needed for conditions.

Staging Area: Remote: Stage at Jensen Point Park, launch from Tacoma.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: No vehicle access to beach. Site owned by Camp Burton. At low tide may have to haul boom across gravel beach.

Watercourse: Puget Sound - Quartermaster Harbor

Resources at Risk: Marsh, Wetlands



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
200	Feet	Boom - B2 (18" to 42")
200	Feet	Boom - Sorbent
100	Feet	Line - 3/8" poly line
1	Each	Workboat(s) - of adequate size for type and amount of boom

Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

Burton Marsh (Vashon) VI-5



VI-5 Photo: Looking ENE across Burton Marsh at low tide.



Site Contact

Camp Burton
Primary Contact : Executive Director

Vashon, WA 98070
206-463-2512

Nearest Address

8903 SW Bayview Drive
Vashon, WA 98070

Driving Directions

DIRECTIONS TO JENSEN POINT STAGING (on Vashon Island):
1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Continue on Vashon Hwy SW (8.8 miles)
3. Turn left on SW Burton Dr (0.4 miles)
4. Turn right on 97th Ave SW (0.1 miles)
5. Continue on SW Bayview Dr (0.7 miles)
6. Turn right into Jensen Point Park and Boat Launch parking area.

Shingle Mill Creek (Vashon) - Ebb Tide — VI-6e

Position - Location:	47° 28.802', -122° 28.939'	47° 28' 48.1", -122° 28' 56.3"	47.48003, -122.48231	Vashon

Strategy Objective: Exclusion : Keep oil out of Shingle Mill Creek

Implementation: Secure one end of 100ft length of boom to shore on creek right, at A. Then extend boom SW across mouth of stream and secure at B. Back with sorbent. Use additional anchoring systems as needed to keep boom secure in water.

Staging Area: Onsite: Stage equipment by historic rental house.

Site Safety: Shallow Estuary; Slips, Trips, Falls; Water Hazard; Public Park

Field Notes: Notify Vashon Park District prior to arrival; call 206-463-9602 and ask them to notify any guests at the house. Advise you will cut lock on entry gate. Slight incline down beach from yard, may need waders or shallow boat at high tide.

Watercourse: Puget Sound - Shingle Mill Creek at Fern Cove

Resources at Risk: City Park, Estuary Resources, Marsh, Salmonids



Recommended Equipment

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

Recommended Personnel

2	Laborer
1	Supervisor

Shingle Mill Creek (Vashon) - Ebb Tide VI-6e



VI-6e Photo: Looking SE toward mouth of Shingle Mill Creek. Taken at +1ft tide.



Site Contact

Vashon Park District
Primary Contact : Maintenance Director

Vashon, WA 98070
206-463-9602

Nearest Address

11408 SW Cedarhurst Rd
Vashon, WA 98070

Driving Directions

1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Continue on Vashon Hwy SW (1.0 mi)
4. Bear right on SW Cedarhurst Rd (0.97 miles)
5. Turn left at SW McCormick Pl to stay on SW Cedarhurst Rd (0.09 miles)
6. On the right is a small sign for Fern Cove and a gate may be blocking the drive.
7. Cut the lock on the gate and drive to historic house at end of road. Beach access through front lawn.

Fern Cove Tideflats (Vashon) - Flood Tide VI-6f

Position - Location:	47° 28.846', -122° 28.991'	47° 28' 50.8", -122° 28' 59.4"	47.48077, -122.48318	Vashon

Strategy Objective: Exclusion : Keep oil off of tideflats and shoreline of Fern Cove

Implementation: Using workboat, secure 1000ft of boom to shore north of tideflat at treeline, at A. Extend other end south across estuary and secure to shore near C. Pull midpoint of boom NW into Colvos Passage and secure with anchor. Use additional anchors and adjust boom as needed for conditions.

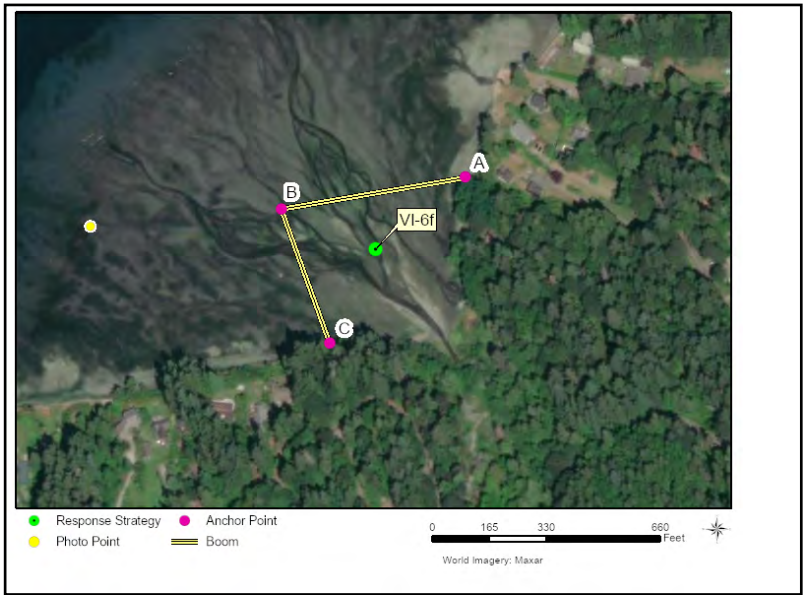
Staging Area: Onsite: Stage and launch from Pomeroy Park, Port Orchard.

Site Safety: Slips, Trips, Falls; Water Hazard

Field Notes: Deploy at mid to high tide only - shallow.

Watercourse: Cove - Shingle Mill Creek at Fern Cove.

Resources at Risk: City Park, Eelgrass, Mud Flat(s), Salmonids, Waterfowl



Recommended Equipment

3	Each	Anchor - Danforth (or other appropriate type)
2	Each	Anchoring System(s)- Shoreside
1000	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
4	Laborer
1	Supervisor

Fern Cove Tideflats (Vashon) - Flood Tide VI-6f



VI-6f Photo: Aerial view of Fern Cove at +5ft tide. Approximate boom placement drawn.



Site Contact

Vashon Park District
Land/Property Contact : Maintenance Director

Vashon, WA 98070
206-463-9602

Nearest Address

11408 SW Cedarhurst Road
Vashon, WA 98070

Driving Directions

1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Continue on Vashon Hwy SW (1.0 mi)
4. Bear right on SW Cedarhurst Rd (0.97 miles)
5. Turn left at SW McCormick Pl to stay on SW Cedarhurst Rd (0.09 miles)
6. On the right is a small sign for Fern Cove and a gate may be blocking the drive.
7. Cut the lock on the gate and drive to historic house at end of road. Beach access through front lawn.

Wapato Creek at Alexander Ave (Blair Waterway) WAPC-0.2

Position - Location:	47° 15.058', -122° 22.346'	47° 15' 3.5", -122° 22' 20.7"	47.25096, -122.37243	Tacoma

Strategy Objective: Collection : Collect oil from Wapato Creek

Implementation: Secure 100ft of boom to shore at roadside, at B. Extend boom across creek and secure to western bank at A. Back with sorbent. Collect from parking area by B. If spill is coming from the north, reverse boom angle by moving B south, and add extra sorbent boom across culvert north of road. Adjust as needed for conditions.

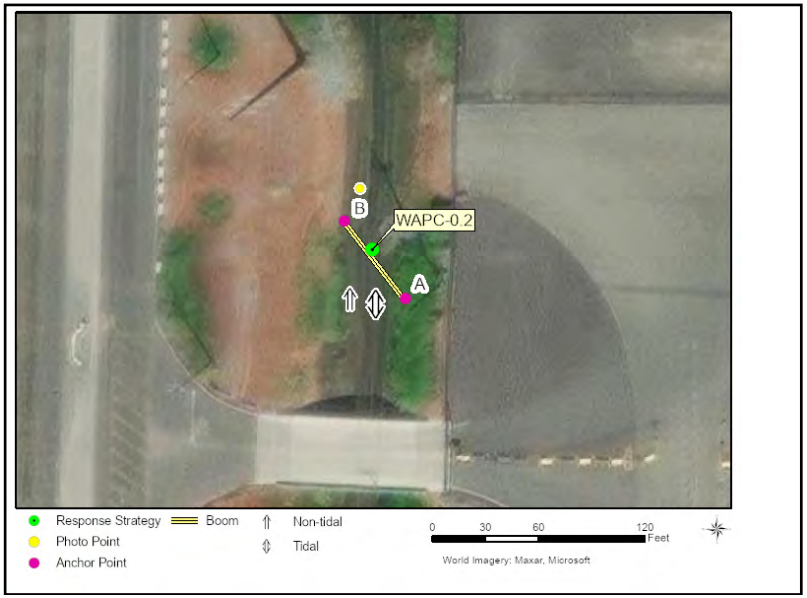
Staging Area: Onsite: Stage at gravel shoulder onsite, east of Alexander Ave.

Site Safety: Roadway Hazard; Steep Banks; Overhead Lines; Vegetation; Slips, Trips, Falls; Water Hazard

Field Notes: Tidal creek connects to Blair Waterway. Steep banks with blackberry. Gravel shoulder parking next to site.

Watercourse: Creek - Wapato Creek - Blair Waterway

Resources at Risk: Habitat Restoration Site, Salmonids, Waterfowl



Recommended Equipment

2	Each	Anchoring System(s)- Shoreside
100	Feet	Boom - B3 (River Boom) or equivalent
60	Feet	Boom - Sorbent
1	Each	Machete(s) - (or other vegetation cutting tool)
1	Each	Vac Truck or Skimmer and Storage
1	Each	Waders

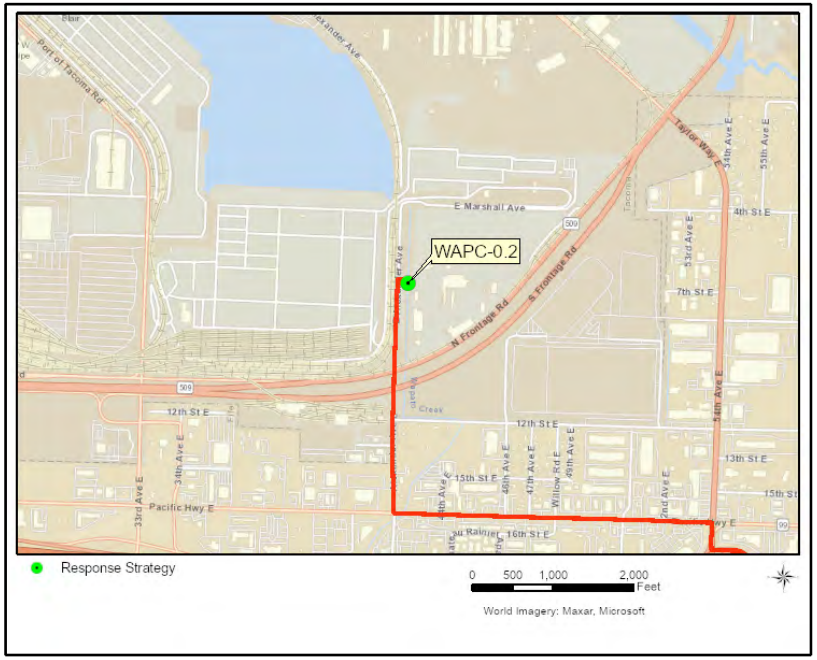
Recommended Personnel

2	Laborer
1	Supervisor

Wapato Creek at Alexander Ave (Blair Waterway) WAPC-0.2



WAPC-0.2 Photo: From entry road, looking S at Wapato Creek.



Site Contact

Port of Tacoma
Emergency Contact : Security Line
253-383-9472

Nearest Address

3813 N Frontage Rd
Tacoma, WA 98421

Driving Directions

1. From Seattle, take I-5 South towards Tacoma.
2. Take the ramp on the right at exit 137 toward Fife (WA-99 N) / Milton (0.27 miles)
3. Turn right on 54th Ave E (0.06 miles)
4. Turn left on Pacific Hwy E (0.75 miles)
5. Turn right on Alexander Ave E (Goldau Rd E) (0.5 miles)
6. Site is at gravel shoulder on the right, just before the first driveway on the right after Frontage Rd intersection.

APPENDIX B

Notification Strategy 2-Pagers

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Willow Creek Tidegate Marina Beach Edmonds — CPS-1-N

Position - Location:	47° 48.296', -122° 23.573'	47° 48' 17.8", -122° 23' 34.4"	47.80494, -122.39288	Edmonds

Strategy Objective: Notification : Notify City of Edmonds so they can close their tidegates

Implementation: Contact City of Edmonds Public Works at 425-771-0235 and inform them about any potentially significant oil spill that may impact either Willow Creek/Edmonds Marsh or Puget Sound near Marina Beach/Edmonds Marina.

Field Notes: Manual tidegate blocks off stormwater vault. Tidal flow between Marina Beach area and Edmonds Marsh via Willow Creek underground pipes. Operated by the City. Spill impacting vault and pipes could come from either Edmonds Marsh / road / rail tracks, or

Watercourse: Creek - Willow Creek / Shellabarger Creek

Resources at Risk: Eelgrass, Herons, Marsh, Raptors, Salmonids



Communication Process and Action:

Contact Edmonds Public Works at 425-771-0235 and inform them about any potentially significant oil spill that may impact the Edmonds Marsh, Willow Creek, Shellabarger Creek, or the waters of Puget Sound near Marina Beach. They will make a determination whether to monitor or close the tidegate at their stormwater vault.

If the main number is unanswered, leave a message and then try the following number:
Port of Edmonds: 425-774-0549
Port of Edmonds Security (afterhours): 425-508-7490

Willow Creek Tidegate Marina Beach Edmonds CPS-1-N



CPS-1-N Photo: Vault access panel at crosswalk near dry dock and Marina Beach parking, looking W.



Site Contact

City of Edmonds Public Works
Primary Contact : Daytime Office
425-771-0235

Port of Edmonds
After Hours and Weekends Contact : Security Afterhours
425-508-7490

Nearest Address

488 Admiral Way
Edmonds, WA 98020

Driving Directions

1. Start at I-5 N Seattle
2. Go on I-5 N toward exit 177 (0.3 miles)
3. At exit 177 bear right onto ramp to WA-104 W toward Edmonds / Lake Forest Park (4.1 miles)
4. At fork keep right to continue on WA-104 W/Kingston Ferry (1.1 miles)
5. Do not enter the ferry lanes
6. Turn left on W Dayton St (0.17 miles)
7. Bear left on Admiral Way (0.32 miles)
8. Turn left at stop sign (towards Dry Storage/Marina Beach Park)
9. Follow signs towards Marina Beach Park.
10. The site is adjacent to a crosswalk, just south of the fenced dry-dock area near the Marina Beach parking area.

Suquamish Tribe Fisheries - Grovers Creek Hatchery CPS-10-N

Position - Location:	47° 46.406', -122° 33.391'	47° 46' 24.3", -122° 33' 23.4"	47.77343, -122.55651	Poulsbo

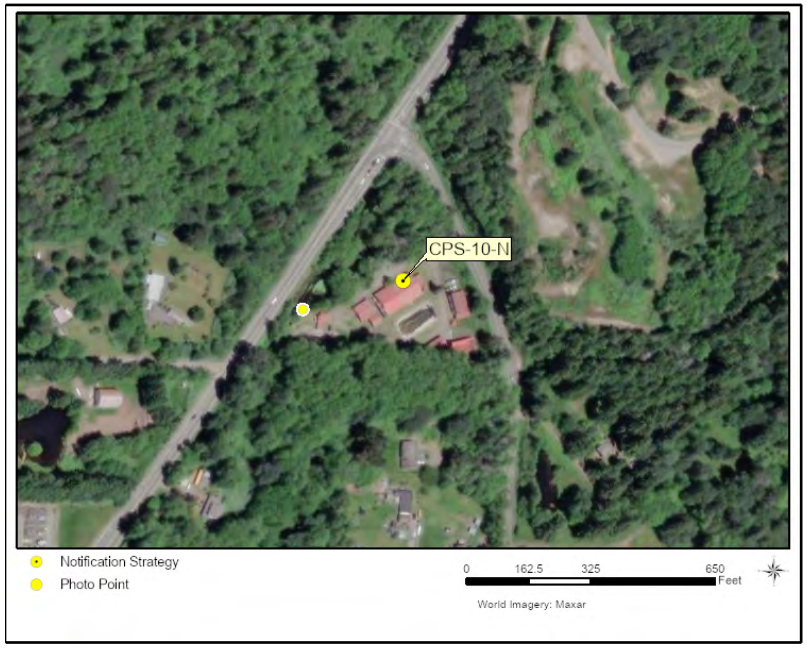
Strategy Objective: Notification : Notify Suquamish Tribe Hatcheries so they can delay salmon releases

Implementation: Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.

Field Notes: Hatchery and intake are located inland. Chinook and Coho released into Miller Bay area.

Watercourse: Creek - Grovers Creek at Miller Bay

Resources at Risk: Economic Resources, Salmonids, Tribal Lands/Resources



Communication Process and Action:

Contact Suquamish Tribe Fisheries Department at (360) 394-8450 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.

If nobody answers, call the following alternate numbers until someone at the Tribe has been notified:

Grover's Creek Hatchery
(360) 394-8530

Emergency Management
(360) 394-8507 (OFFICE)
(360) 271-4403 (CELL)

Tribe Headquarters
(360) 598-3311

Suquamish Tribe Fisheries - Grovers Creek Hatchery CPS-10-N



CPS-10-N Photo: Grover's Creek at Suquamish Tribe salmon hatchery.



Site Contact

Suquamish Tribe
Emergency Contact : Emergency Management
360-271-4403

Suquamish Tribe
Alternate Contact : Fisheries Department
360-598-3142

Nearest Address

23175 Indianola Rd
Poulsbo, WA 98370

Driving Directions

1. Start at WA-3 N Poulsbo
2. Go on WA-3 N (1.37 miles)
3. Take the ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (0.64 miles)
5. Turn left on Bond Rd NE (WA-307) (2.43 miles)
6. Turn right on NE Gunderson Rd (2.3 miles)
7. Turn left on Miller Bay Rd NE (0.27 miles)
8. Turn right on Indianola Rd NE (0.05 miles)
9. Finish at 23175 Indianola Rd, 98370, on the right

Agate Pass Net Pens — CPS-20-N

Position - Location:	47° 42.209', -122° 34.501'	47° 42' 12.6", -122° 34' 30.0"	47.70349, -122.57501	Port Madison

Strategy Objective: Notification : Notify Suquamish Tribe Fisheries so they can take action to protect their net pens

Implementation: Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.

Field Notes: Coho fry reared in middle of Agate Pass south of the bridge. Also shellfish beds in tide zone nearby.

Watercourse: Puget Sound - Agate Pass

Resources at Risk: Net Pens, Salmonids, Shellfish, Tribal Lands/Resources



Communication Process and Action:

Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison, Bainbridge Island, Liberty Bay or Port Orchard.

If nobody answers, call the following alternate numbers until someone at the Suquamish Tribe has been notified:

Emergency Management
(360) 394-8507 (OFFICE)
(360) 271-4403 (CELL)

Grover's Creek Hatchery
(360) 394-8530

Suquamish Tribe Headquarters
(360) 598-3311

Agate Pass Net Pens CPS-20-N



CPS-20-N Photo: Agate Pass net pens (in background), as seen from Suquamish Seafoods.



Site Contact

Suquamish Tribe
Primary Contact : Fisheries Department
360-598-3142

Suquamish Tribe
Alternate Contact : Emergency Management
360-271-4403

Nearest Address

18490 Suquamish Way
Port Madison, WA 98392

Driving Directions

1. Start at WA-3 N Silverdale
2. Go on WA-3 N (5.93 miles)
3. Take the ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (6.26 miles)
5. Turn left on Suquamish Way NE (1.27 miles)
6. Finish at 18490 Suquamish Way, 98392, on the right

SEA Discovery Center Poulsbo — CPS-21-N

Position - Location:	47° 43.985', -122° 38.747'	47° 43' 59.1", -122° 38' 44.8"	47.73309, -122.64578	Poulsbo

Strategy Objective: Notification : Notify aquarium so they can monitor or shut down their water intakes

Implementation: Contact the aquarium at 360-598-4460 and inform them about any potentially significant oil spill that may impact the waters near Liberty Bay

Field Notes: Exchanges once a week, not continuous. Nearshore intake at Port of Poulsbo marina, downtown Poulsbo. Part of Western Washington University.

Watercourse: Bay - Liberty Bay

Resources at Risk: Economic Resources, Public Lands, Water Intakes



Communication Process and Action:

Contact the aquarium at 360-598-4460 and inform them about any potentially significant oil spill that may impact the waters near Liberty Bay. They will make a determination whether to monitor or shut down their saltwater intake. Their tanks are exchanged once per week.

If the main number is unanswered, leave a message and then try the following number:

Aquarium Manager (cell) 360-621-7501

SEA Discovery Center Poulsbo CPS-21-N



CPS-21-N Photo: SEA Discovery Center from the parking lot/ top of boat ramp.



Site Contact

SEA Discovery Center Poulsbo
Primary Contact : Aquarium Water Intake

Poulsbo, WA
360-598-4460

Nearest Address

18743 Front St NE #2318
Poulsbo, WA 98370

Driving Directions

1. Start at WA-3 N Silverdale
2. Take the ramp on the right to Finn Hill Road (0.34 miles)
3. Turn right on NW Finn Hill Rd (0.49 miles)
4. Continue forward on NW Lindvig Way (0.19 miles)
5. Bear right on Front St NE (0.98 miles)
6. Turn right on Young St NE, then turn left on Queen Sonja Vei (0.06 miles)
7. Bear left on Young St NE (0.01 miles)
8. Finish at 18743 Front St NE #2318, 98370, on the right

Hiram Chittenden (Ballard) Locks — CPS-30-N

Position - Location:	47° 39.902', -122° 23.846'	47° 39' 54.1", -122° 23' 50.7"	47.66503, -122.39743	Seattle

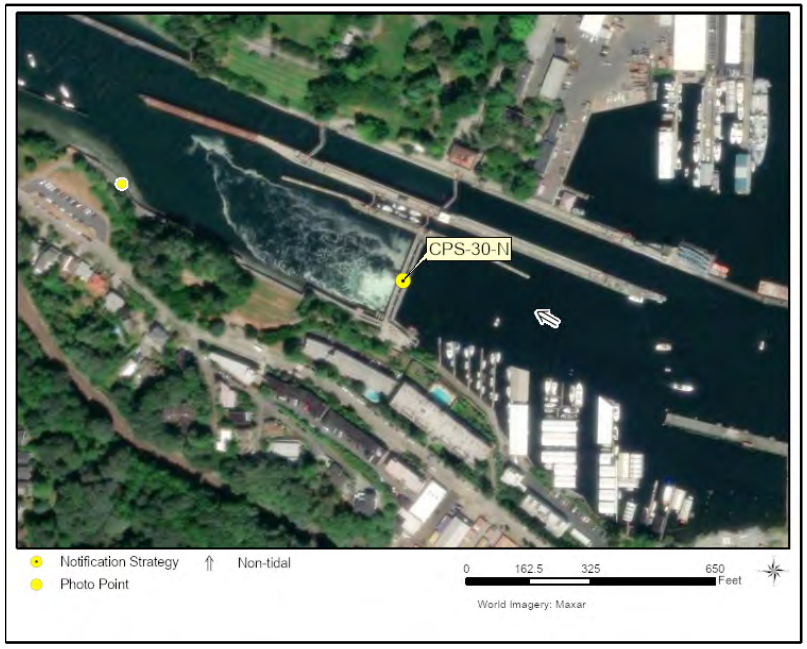
Strategy Objective: Notification : Notify US Army Corps of Engineers so they can adjust the locks or protect their fish ladder

Implementation: Contact the Army Corps Seattle District at 206-764-6702 (daytime) and inform them about any potentially significant oil spill that may impact the waters near Lake Union, Salmon Bay, or Shilshole Bay.

Field Notes: Manages 2 locks in Salmon Bay / Lake Washington Ship Canal. Also has spillway and fish ladder. May be able to adjust locks to assist in response activities.

Watercourse: Bay - Salmon Bay

Resources at Risk: Federal Lands, Fish Ladder(s), Recreational Use Area



Communication Process and Action:

Contact the Army Corps Seattle District at 206-764-6702 (daytime) and inform them about any potentially significant oil spill that may impact the waters near Lake Union, Salmon Bay, or Shilshole Bay. Also advise them about any response activities that may occur in Lake Union or Lake Washington, or near the locks. USACE may be able to assist the response by advising about water levels, adjusting lock operations or ship traffic, or on-water response activities.

If nobody answers the above number, call the following alternate numbers until someone at the Army Corps has been notified:

EOC: 206-764-3406 (24/7)

Locks Control Tower:
206-297-9821 (24/7)

Hiram Chittenden (Ballard) Locks CPS-30-N



CPS-30-N Photo: From downstream at Commodore Park, looking east at Ballard Locks, spillway and fish ladder.



Site Contact

USACE - Seattle District
Primary Contact :
206-764-6910

USACE Seattle District Reservoir Control Center
Alternate Contact :
206-764-6702

Nearest Address

3015 NW 54th St
Seattle, WA 98107

Driving Directions

1. Start at I-5 N Seattle
2. Go on I-5 N (Ship Canal Brg) toward 169 (0.26 miles)
3. Bear right onto the ramp at exit 169 toward NE 45th St / NE 50th St (0.11 miles)
4. Keep left at the fork toward NE 50th St / Seattle Pacific University (0.41 miles)
5. Bear left on 7th Ave NE (0.05 miles)
6. Turn left on NE 50th St (0.91 miles)
7. Bear left on Green Lake Way N (0.36 miles)
8. Bear right to stay on N 46th St (0.42 miles)
9. Continue forward on N Market St (2.08 miles)
10. Bear left on NW 54th St (0.08 miles)
11. Turn left on 30th Ave NW (0.02 miles)
12. Turn right (0.04 miles)
13. Finish at 3015 NW 54th St, 98107, on the left

Elliot Bay Net Pens (Terminal 86) CPS-31-N

Position - Location:	47° 37.332', -122° 22.060'	47° 37' 19.9", -122° 22' 3.6"	47.62220, -122.36767	Seattle

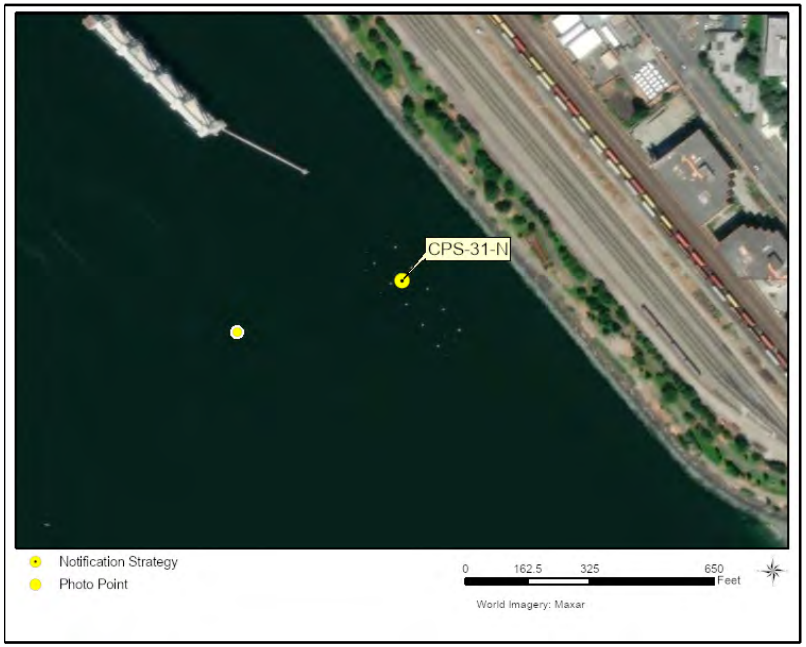
Strategy Objective: Notification : Notify the Muckleshoot and Suquamish Tribes so they can protect their net pens

Implementation: Call Muckleshoot Fisheries and inform them about any potentially significant oil spill that may impact the waters near Elliott Bay or the Green/Duwamish River.

Field Notes: Juvenile coho between March and June, 300k-500k. Joint program with Muckleshoot Tribe, Suquamish Tribe, and WDFW. Near Port of Seattle Terminal 86, grain loading moorage.

Watercourse: Bay - Elliott Bay

Resources at Risk: Economic Resources, Net Pens, Salmonids, Tribal Lands/Resources



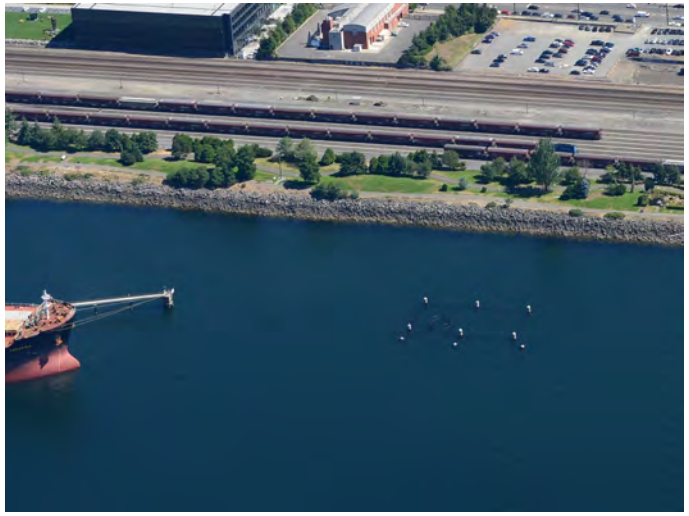
Communication Process and Action:

Call Muckleshoot Fisheries at (253) 876-3109 and inform them about any potentially significant oil spill that may impact the waters near Elliott Bay or the Green/Duwamish River. If nobody answers, call the following alternate numbers until someone at the Muckleshoot or Suquamish Tribe has been notified:
Muckleshoot Tribe Fisheries:
(253) 876-3109
(253) 876-3360
(253) 939-7738
(253) 876-3246
(253) 709-1813

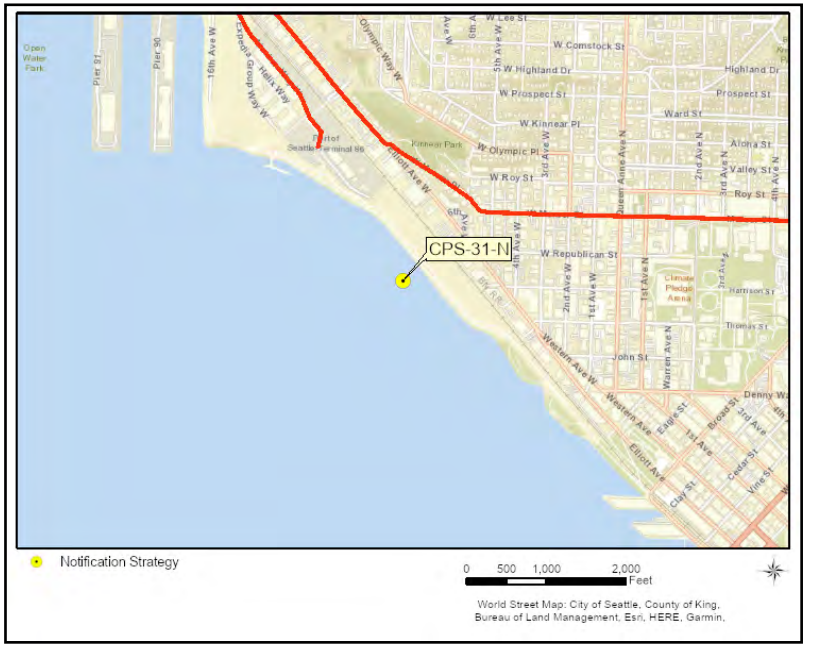
Suquamish Tribe Fisheries Department:
360-394-8438
(360) 598-3142
(360) 204-6180

Suquamish Tribe Emergency Management:
(360) 394-8507
(360) 271-4403

Elliot Bay Net Pens (Terminal 86) CPS-31-N



CPS-31-N Photo: Aerial photo of net pens and Elliott Bay Trail, just south of moorage.



Site Contact

Muckleshoot Indian Tribe Fisheries Department
Primary Contact :
253-876-3109

Suquamish Tribe
Secondary Contact : Fisheries Department
360-394-8438

Nearest Address

919 Alaskan Way W
Seattle, WA 98121

Driving Directions

1. From Shoreline, take I-5 South towards Seattle.
2. Bear right onto the ramp at exit 167 toward Mercer St / Seattle Center (0.55 miles)
3. Continue forward on Mercer St (1.36 miles)
4. Continue forward on W Mercer Pl (0.26 miles)
5. Continue forward on Elliott Ave W (0.46 miles)
6. Make a sharp right toward Terminals 86-91 / Magnolia Bridge / Amgen Court W (0.04 miles)
7. Keep left at the fork toward Terminals 86-91 (0.26 miles)
8. Turn right on Alaskan Way W (0.42 miles)
9. Park in public access parking lot for Centennial Park. Fish pens are visible from Elliot Bay trail, 1/2 mile south of parking lot.

Seattle Aquarium Water Intake — CPS-32-N

Position - Location:	47° 36.436', -122° 20.625'	47° 36' 26.2", -122° 20' 37.5"	47.60727, -122.34375	Seattle

Strategy Objective: Notification : Notify Seattle Aquarium so they can monitor or shut down their water intake

Implementation: Contact Seattle Aquarium's Life Science Team 24/7 cell at 206-386-4359 and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact Elliott Bay or the Duwamish / Green River.

Field Notes: Intake is subsurface and continuous. Limited downtime if shutdown required before impacts to animals. Pier 59 by Waterfront Park and the Great Wheel.

Watercourse: Urban Waterfront - Elliott Bay downtown

Resources at Risk: Economic Resources, Marine Mammals, Water Intakes



Communication Process and Action:

Contact the aquarium at 206-386-4359 and inform them about any potentially significant oil spill that may impact the waters near Elliott Bay or the Green/Duwamish River. They will make a determination whether to monitor or shut down their saltwater intake.

If the main number is unanswered, leave a message and then try the following numbers in order until someone at the Aquarium has been contacted:
Security: 206-693-6119
Front desk: 206-386-4300

Seattle Aquarium Water Intake CPS-32-N



CPS-32-N Photo: From Waterfront Park, looking NW at Aquarium and small water intake building.



Site Contact

Seattle Aquarium
Emergency Contact : Water Intake Owner

Seattle, WA 98101
206-386-4359

Nearest Address

1483 Alaskan Way
Seattle, WA 98101

Driving Directions

1. Start at I-5 N Seattle
2. Go on I-5 N toward 163 (0.29 miles)
3. Take the ramp on the right at exit 163 to West Seattle Br / Columbian Way (0.11 miles)
4. Keep left at the fork onto W Seattle Bridge / Spokane St toward Safeco Field / CenturyLink Field (0.14 miles)
5. Keep left at the fork onto West Seattle Bridge (0.28 miles)
6. Bear left on West Seattle Brg (0.35 miles)
7. Take the ramp on the right to 1st Ave S (0.23 miles)
8. Continue forward on 1st Ave S (1.52 miles)
9. Turn left on S Dearborn St (0.06 miles)
10. Turn right on Alaskan Way S (0.92 miles)
11. Finish at 1483 Alaskan Way, 98101, on the left

Gorst Creek Rearing Ponds (Bremerton) CPS-70-N

Position - Location:	47° 31.795', -122° 42.652'	47° 31' 47.7", -122° 42' 39.1"	47.52992, -122.71087	Bremerton

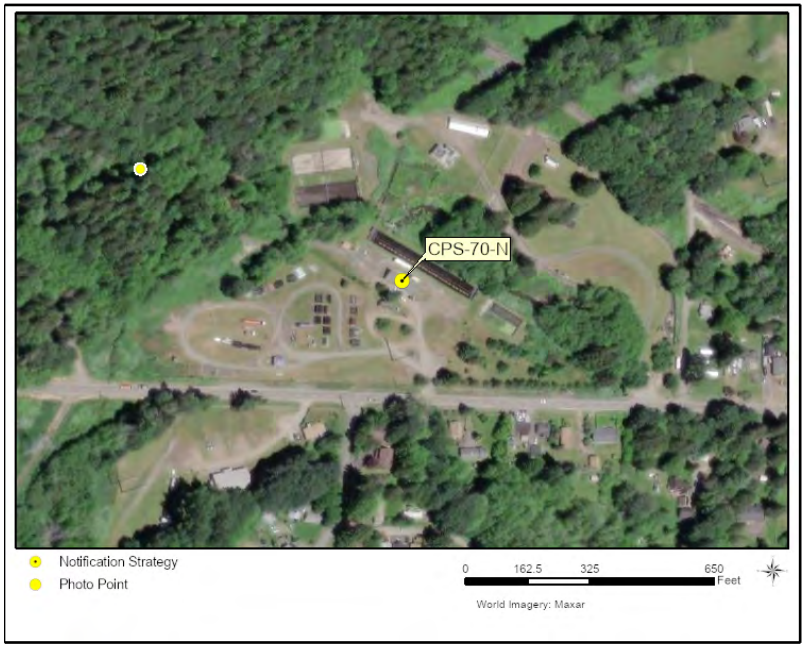
Strategy Objective: Notification : Notify Suquamish Tribe Hatcheries so they can delay salmon releases

Implementation: Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact Gorst Creek or the waters near Sinclair Inlet.

Field Notes: Freshwater intake from Gorst Creek feeds rearing ponds and raceways. Chinook, coho, chum fry. Partnership between Suquamish Tribe, WDFW, City of Bremerton.

Watercourse: Creek - Gorst Creek near Sinclair Inlet

Resources at Risk: Economic Resources, Fish Hatchery, Salmonids, Tribal Lands/Resources, Water Intakes



Communication Process and Action:

Contact Suquamish Tribe Fisheries Department at (360) 394-8450 and inform them about any potentially significant oil spill that may impact Gorst Creek or the waters near Sinclair Inlet.

If nobody answers, call the following alternate numbers until someone at the hatchery has been notified:

WDFW Region 6
360-249-4628

Suquamish Tribe Emergency Management
360-271-4403
360-394-8507

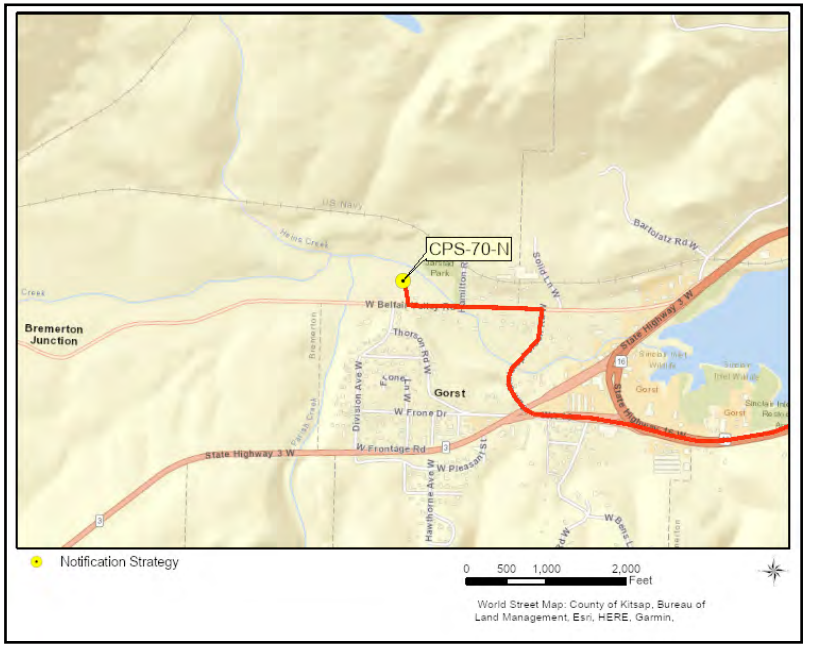
City of Bremerton Parks and Rec
360-478-5305
360-473-5920 (Jarstad Park)

Suquamish Tribe Headquarters
(360) 598-3311

Gorst Creek Rearing Ponds (Bremerton) CPS-70-N



CPS-70-N Photo: Freshwater intake structure on Gorst Creek that feeds hatchery.



Site Contact

Suquamish Tribe
Primary Contact : Fisheries Department
360-598-3142

Washington Department of Fish and Wildlife
Alternate Contact : Region 6
360-249-4628

Nearest Address

4230 West Belfair Valley Road
Bremerton, WA 98312

Driving Directions

1. From TAcoma, take Narrows Bridge towards Port Orchard.
2. Go on WA-16 W (Tacoma Narrows Brg) toward 8 (20.75 miles)
3. Take the ramp on the left at exit 28 toward WA-3 S / Belfair / Shelton (0.37 miles)
4. Continue forward on WA-16 (0.12 miles)
5. Continue forward on Sam Christopherson Rd W (0.27 miles)
6. Turn left on W Belfair Valley Rd (0.35 miles)
7. Finish at 4230 West Belfair Valley Road, 98312, on the right

MaST Center Aquarium Water Intake (Poverty Bay) CPS-110-N

Position - Location:	47° 20.945', -122° 19.513'	47° 20' 56.7", -122° 19' 30.8"	47.34909, -122.32521	Des Moines

Strategy Objective:	Notification : Notify Highline College MaST Center Aquarium so they can monitor or shut down their water intake
Implementation:	Contact the aquarium at 360-592-3135 and inform them about any potentially significant oil spill that may impact the waters near Poverty Bay
Field Notes:	Continuous saltwater intake near Redondo Beach boat launch, feeds 3,000 gallons of tanks. Part of Highline College.
Watercourse:	Bay - Poverty Bay
Resources at Risk:	Economic Resources, Public Lands, Water Intakes



Communication Process and Action:

Contact the Marine Science and Technology Center (MaST) aquarium director's office at 360 -592-3135 and inform them about any potentially significant oil spill that may impact the waters near Poverty Bay. They will make a determination whether to monitor or shut down their saltwater intake.

If the director's office number is unanswered, try the following numbers in order until someone at the Aquarium has been contacted:
Aquarium Manager Cell Phone: 206-715-0576
Highline College Main: 206-878-3710
Highline College Public Safety (24/7): 206-592-3218

MaST Center Aquarium Water Intake (Poverty Bay) CPS-110-N



CPS-110-N Photo: MaST Center Aquarium, with water intake at far left structure on end of dock.



Site Contact

MaST Aquarium (Highline College)
Primary Contact : Water Intake

Des Moines, WA 98198
206-592-3135

Nearest Address

28203 Redondo Beach Drive South
Des Moines, WA 98198

Driving Directions

1. Start at I-5 S, Sea-Tac, WA
2. Go on I-5 S (3.36 miles)
3. Bear right onto the ramp at exit 147 to S. 272nd St. (0.33 miles)
4. Turn right on S 272nd St (0.98 miles)
5. Bear left on Marine View Dr S (0.32 miles)
6. Turn right on 10th Ave S (0.29 miles)
7. Bear right on S 281st St (0.12 miles)
8. Bear left on Redondo Beach Dr S (0.1 miles)
9. Finish at 28203 Redondo Beach Drive South, 98198, on the right

Foss Waterway Seaport Water Intake CPS-160-N

Position - Location:	47° 15.471', -122° 26.223'	47° 15' 28.3", -122° 26' 13.4"	47.25785, -122.43705	Tacoma

Strategy Objective: Notification : Notify Foss Waterway Seaport/Foss Martime Museum so that they can consider closing the water intakes.

Implementation: Notify the Foss Waterway Seaport/Foss Maritime Museum Executive Director at (253) 334-1688. Inform them of any significant spill or potential spill that impacts the Thea Foss Waterway. Once notified, Seaport/Museum staff can make necessary and appropriate actions, such as closing water intakes.

Field Notes:

Watercourse: Puget Sound - Commencement Bay

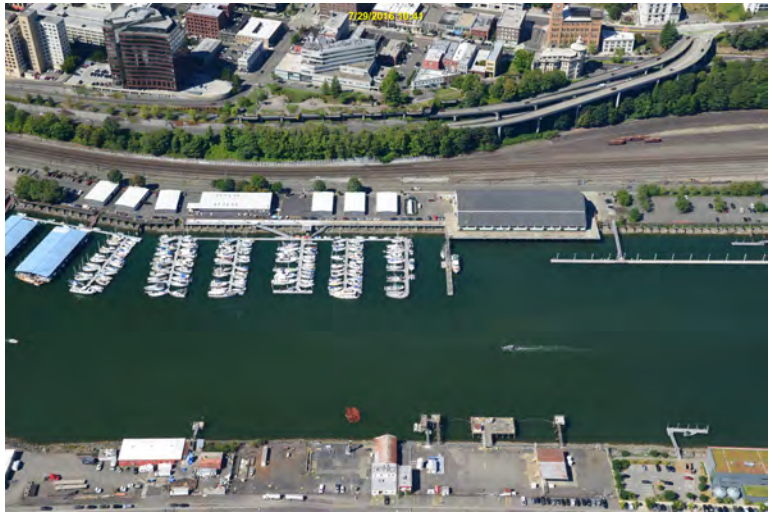
Resources at Risk: Economic Resources, Water Intakes



Communication Process and Action:

Notify the Foss Waterway Seaport/Foss Maritime Museum Executive Director at (253) 334-1688. Inform them of any significant spill or potential spill that impacts the Thea Foss Waterway. Once notified, Seaport/Museum staff can make necessary and appropriate actions, such as closing water intakes, to protect their touch tanks and educational displays.

Foss Waterway Seaport Water Intake — CPS-160-N



CPS-160-N Photo: View of Foss Waterway Seaport and surrounding marinas.



Site Contact

Nearest Address

705 Dock Street
Tacoma, WA 98402

Driving Directions

1. Start at I-5 S Fife
2. Go on I-5 S (2.08 miles)
3. Take exit 133 on the right to I-705 N / WA-7 S (0.16 miles)
4. Keep right at the fork to I-705 N (0.06 miles)
5. Keep left at the fork to merge onto I-705 N toward City Center (1.64 miles)
6. Take the exit on the left to merge onto the highway toward Schuster Pkwy (0.36 miles)
7. At the traffic light, turn right on E Dock St (S 4th St) (0.34 miles)
8. Finish at 705 Dock Street, 98402, on the left

Point Defiance Aquarium Water Intake — CPS-170-N

Position - Location:	47° 18.457', -122° 31.135'	47° 18' 27.4", -122° 31' 8.1"	47.30762, -122.51891	Tacoma

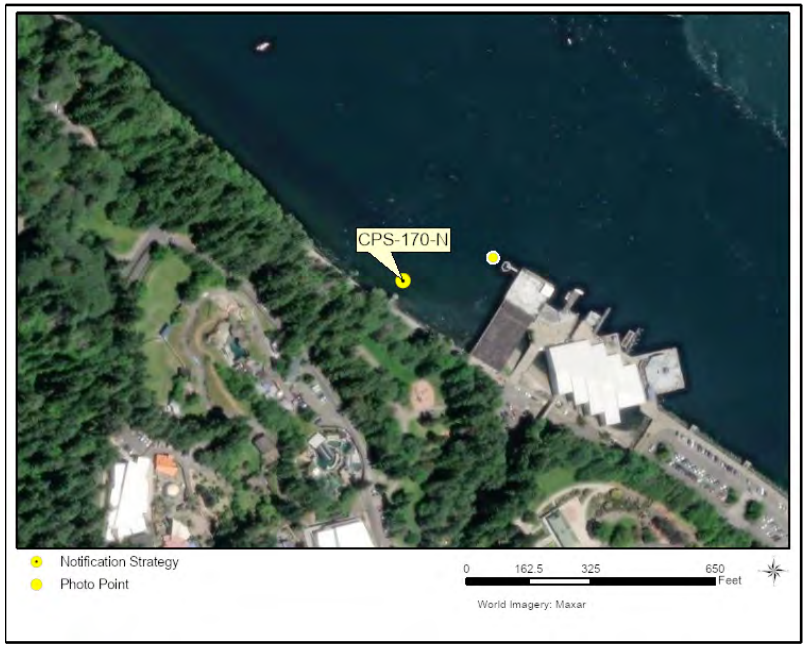
Strategy Objective: Notification : Notify Point Defiance Zoo and Aquarium so they can monitor or shut down their water intakes

Implementation: Contact Point Defiance Zoo and Aquarium at 253-677-7104 (24-hour) and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact marine waters near the intake for the aquarium at this location.

Field Notes: Intake piping extends ~200ft off-shore from pump house.

Watercourse: Puget Sound - Puget Sound - Commencement Bay

Resources at Risk: Economic Resources, Water Intakes



Communication Process and Action:

Call the Point Defiance Zoo and Aquarium at 253-677-7104 (24-hour) and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact marine waters near the seawater intake for the aquarium. Once notified, personnel from the Point Defiance Zoo and Aquarium will follow internal procedures to determine what action(s) they need to take.

Point Defiance Aquarium Water Intake CPS-170-N



CPS-170-N Photo: Point Defiance pump house intake structure as seen from the water at low tide.



Site Contact

Point Defiance Zoo & Aquarium
Primary Contact :

Tacoma, WA 98407
253-677-7104

Nearest Address

5400 N Pearl Street
Tacoma, WA 98407

Driving Directions

1. Head towards Tacoma on I-5
2. Take the exit for Hwy 16 (west) towards Gig Harbor/Bremerton (Exit 132 or 132B)
3. After ~3.1 miles, take Exit 3 to 6th Avenue towards Ruston
4. At the end of the ramp, continue straight onto Bantz Blvd
5. After 0.2 miles, turn right onto N Pearl Street
6. After 3.0 miles, enter Point Defiance Park (N Pearl Street becomes N Waterfront Drive)
7. Continue on N Waterfront Drive for 0.4 miles
8. Follow road to the right, down to the Point Defiance Marina
9. The water intake structure is ~400ft NW of marina parking lot along asphalt walking path.

APPENDIX C

Staging Area 2-Pagers

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Bainbridge City Dock SA-BAI-1

Staging Area

Position - Location:	47° 37.332', -122° 31.071'	47° 37' 19.9", -122° 31' 4.3"	47.62220, -122.51785	Bainbridge Island

Comments: Public dock and launch with additional services for a fee. Adjacent to large city park and community center.



GRP Response Strategies Served:

BAI-6, BAI-3, BAI-7

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	900 ft
Boat Ramp(s)	Concrete, Solid	1 7 degree
Covered Spaces	No	
Estimated Lot Size	Square Feet	4400
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	5 more in park
Parking - Trailer	Marked	5 $8/day
Power	Yes	30A/50A $5/day
Restroom	Restroom - with Showers	4
User Fee	Yes	20 day pass group launch (single is free)
Waste Disposal	Pumpout	1 yellow whalers
Waste Disposal	Trash Receptacle	1
Water (potable)	Yes	

Bainbridge City Dock SA-BAI-1



SA-BAI-1 Photo: Looking S at boat ramp and dock. Photo taken at 5' tide.



Site Contact

City of Bainbridge Island
Land/Property Contact : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

276 Shannon Drive SE
Bainbridge Island, WA 98110

Driving Directions

1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Kingston Cove Marina SA-CPS-10

Staging Area

Position - Location:	47° 47.791', -122° 29.939'	47° 47' 47.5", -122° 29' 56.3"	47.79652, -122.49898	Kingston

Comments: The marina area is west of the ferry terminal parking. There are restaurants nearby. Marina and launch are managed by the Port of Kingston, call 360-297-3545.



GRP Response Strategies Served:

CPS-10f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2 8°
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Small gazebo; ferry terminal
Estimated Lot Size	Square Feet	155000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	250
Parking - Trailer	Marked	50
Power	No	
Restroom	Restroom - Flush	2
User Fee	Yes	10 /12 hrs trailer parking
Waste Disposal	Dump Station	1
Waste Disposal	Pumpout	1
Water (potable)	Yes	

Kingston Cove Marina SA-CPS-10



SA-CPS-10 Photo: From the dock, looking N at the twin ramps and elevated parking area with restroom.



Site Contact

Port of Kingston
Primary Contact :

Kingston, WA 98346
360-297-3545

Nearest Address

25878 Washington Blvd NE
Kingston, WA 98346

Driving Directions

1. Start at WA-3 N Poulsbo
2. Go on WA-3 N (3.41 miles)
3. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (0.64 miles)
5. Turn left on Bond Rd NE (WA-307) (5.25 miles)
6. Continue on WA-104 (Bond Rd NE) (3.91 miles)
7. Turn right on Washington Blvd NE (200 ft)
8. Proceed strait into Port of Kingston parking lot. Boat launch is located at far SW corner.

Charles Lawrence Memorial Boat Ramp SA-CPS-11

Staging Area

Position - Location:	47° 43.740', -122° 33.104'	47° 43' 44.4", -122° 33' 6.3"	47.72900, -122.55174	Suquamish

Comments: Permission from Suquamish Tribe required before using launch. Adjacent to Suquamish Tribe Community Center (House of Awakened Culture). Nearby public parking lot with turnaround, additional parking in front of community center with permission.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 nearby pier
Boat Ramp(s)	Concrete, Solid	1 9 deg
Estimated Lot Size	Square Feet	30000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	20
Parking - Trailer	Not Marked	12 Open asphalt lot
Power	No	
User Fee	No	Permission required
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

GRP Response Strategies Served:

CPS-12, CPS-21, CPS-13, CPS-14, BAI-1, CPS-20

Charles Lawrence Memorial Boat Ramp SA-CPS-11



SA-CPS-11 Photo: From ramp, looking SE towards Agate Point



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

Directions to Suquamish Tribe Boat Ramp/Staging:
1. From Silverdale, take WA-3 N towards Poulsbo
2. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
3. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (4.66 miles)
4. Turn left on NE Totten Rd (2.16 miles)
5. Bear left on Suquamish Way NE (0.93 miles)
6. Continue on NE South St (0.03 miles)
7. Slight right into parking lot/NE Parkway St
8. Entrance to ramp/turnaround at far end of lot next to dock.

Port of Brownsville Marina — SA-CPS-21

Staging Area

Position - Location:	47° 39.119', -122° 36.980'	47° 39' 7.1", -122° 36' 58.8"	47.65198, -122.61633	Bremerton

Comments: Large marina with guest and permanent moorage, full facilities. Adjacent to park. Large parking area across street from marina. Free Wi-Fi, coin laundry and showers.



GRP Response Strategies Served:

CPS-24, BAI-9, BAI-10

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 Small at launch
Boat Ramp(s)	Concrete, Solid	2 9 degree
Covered Spaces	Yes	1 Pavilion for rent
Fuel	Yes	Dock A
Parking - Car	Marked	160
Parking - Trailer	Marked	59
Power	Yes	guest moorage
Restroom	Restroom - with Showers	2 code needed after hours
User Fee	Yes	5 launch
Waste Disposal	Pumpout	2
Waste Disposal	Trash Receptacle	2
Water (potable)	Yes	

Port of Brownsville Marina SA-CPS-21



SA-CPS-21 Photo: From top of boat ramps, looking East at marina and Port Orchard.



Site Contact

Port of Brownsville
Land/Property Contact :

WA
360-692-5498

Nearest Address

9790 Ogle Road NE
Bremerton, WA 98311

Driving Directions

1. Start at WA 16 Port Orchard
2. Go west on WA-16
3. Continue on WA-3
4. At exit 45B take ramp on the right to WA-303 S toward E Bremerton
5. Bear right on WA-303 (NW Waaga Way)
6. Turn left on Brownsville Hwy NE
7. Turn right on Ogle Rd NE
8. Turn right into boat launch area at 9790 Ogle Road NE, 98311
9. Trailer parking is across Ogle Street. Take a right out of the boat launch, then the next left.

Golden Gardens Boat Ramp at Shilshole Marina — SA-CPS-30

Staging Area

Position - Location:	47° 41.211', -122° 24.208'	47° 41' 12.7", -122° 24' 12.5"	47.68685, -122.40347	Seattle

Comments: Eddie Vine Boat Ramp is part of Golden Gardens Park (City of Seattle), next to Shilshole Bay Marina (Port of Seattle). Stage in either marina or park. Very busy in summer and holiday weekends.



GRP Response Strategies Served:

CPS-38, CPS-3, CPS-37, CPS-39, CPS-182

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	3
Boat Ramp(s)	Asphalt	4 2 double-lane
Covered Spaces	Yes	for rent at park or marina
Estimated Lot Size	Square Feet	25000
Fuel	Yes	1 Dock H
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	50
Parking - Trailer	Marked	50
Restroom	Restroom - Flush	2
User Fee	No	7 day use; incl parking
Waste Disposal	Pumpout	2 Marina
Waste Disposal	Trash Receptacle	3 More at marina and park
Water (potable)	Yes	

Golden Gardens Boat Ramp at Shilshole Marina SA-CPS-30



SA-CPS-30 Photo: From top of boat ramp at north end of Shilshole Marina, looking West.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Shilshole Marina
Secondary Contact :
206-787-3006

Nearest Address

8001 Seaview Avenue
Seattle, WA 98117

Driving Directions

1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 169 for NE 50th St (300 ft)
2. Turn left onto NE 50th St (0.9 miles)
3. Bear left on Green Lake Way N (0.36 miles)
4. Bear right on N 46th St (0.42 miles)
5. Continue on N Market St (2.08 miles)
6. Bear left on NW 54th St (0.33 miles)
7. Continue on Seaview Ave NW (NW 54th St) (1.45 miles)
8. Follow Seaview Ave past marina and use left-hand turn lane to turn left to boat ramp. Parking likely to be full on weekends; extremely heavy traffic in the summer.

14th Avenue NW Boat Ramp SA-CPS-31

Staging Area

Position - Location:	47° 39.654', -122° 22.414'	47° 39' 39.2", -122° 22' 24.8"	47.66090, -122.37356	Seattle

Comments: Downtown boat ramp with trailer parking in front of Seattle Maritime Center. Be aware of heavy traffic and RV residents in area.



GRP Response Strategies Served:

CPS-34, CPS-36, CPS-35

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	3
Boat Ramp(s)	Concrete, Plank	2 6 degrees
Covered Spaces	No	
Estimated Lot Size	Square Feet	2000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	50 Street parking metered
Parking - Trailer	Marked	33
Power	No	
Restroom	None	
User Fee	No	
Waste Disposal	Trash Receptacle	2 (206) 684-7249
Water (potable)	No	

14th Avenue NW Boat Ramp SA-CPS-31



SA-CPS-31 Photo: From top of ramps looking S at shipping canal.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

4400 14th Ave Northwest
Seattle, WA 98107

Driving Directions

1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 167 (left exit)
3. At exit 167 bear left onto ramp toward Mercer St / Seattle Center (0.66 miles)
4. Continue on Mercer St (0.19 miles)
5. Turn right on Westlake Ave N (0.17 miles)
6. Turn right on Westlake Ave N (1.48 miles)
8. Turn right on 4th Ave N (0.17 miles)
9. Continue on Fremont Ave N (0.17 miles)
10. Turn left on Fremont Pl N (0.09 miles)
11. Continue on N 36th St (0.4 miles)
12. Continue on Leary Way NW (0.73 miles)
13. Turn left on NW 46th St (0.27 miles)
14. Turn left on 14th Ave NW (0.08 miles)
15. Finish at 4400 14th Ave Northwest, 98107

Sunnyside Avenue North Boat Ramp SA-CPS-32

Staging Area

Position - Location:	47° 39.019', -122° 19.846'	47° 39' 1.1", -122° 19' 50.7"	47.65031, -122.33076	Seattle

Comments: No assigned parking, first come first serve, usually full. Adjacent to busy road, minimal work area.



GRP Response Strategies Served:

CPS-31, CPS-33

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Plank	2 Side-by-side
Covered Spaces	No	
Estimated Lot Size	Square Feet	3000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	Nearby city streets
Parking - Trailer	Gravel	
Power	No	
Restroom	Restroom - Portable	1 Seasonal
User Fee	No	
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

Sunnyside Avenue North Boat Ramp SA-CPS-32



SA-CPS-32 Photo: From top of ramp, looking SE at approach to ship canal.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

2301 N Northlake Way
Seattle, WA 98103

Driving Directions

DIRECTIONS TO SA/BL-CPS-405 (Sunnyside Ave N Boat Ramp):
1. From downtown Seattle, take I-5 N towards Wallingford
2. Take exit 169 and bear right onto ramp toward NE 45th St / NE 50th St (0.11 miles)
3. At fork keep right toward NE 45th St / Univ of Wash (0.38 miles)
4. Turn right on NE 45th St (0.11 miles)
5. Turn right on Roosevelt Way NE (0.26 miles)
6. Turn right on NE 42nd St (0.11 miles)
7. Turn left on 7th Ave NE (0.11 miles)
8. At the 5-way stop, go straight/right onto NE 40th St (0.08 miles)
9. Turn left on 6th Ave NE (0.07 miles)
10. Continue on NE Northlake Way (0.52 miles)
11. Boat ramp is on the left at 2301 N Northlake Way, 98103

Don Armeni Boat Ramp SA-CPS-40

Staging Area

Position - Location:	47° 35.564', -122° 22.949'	47° 35' 33.8", -122° 22' 57.0"	47.59273, -122.38249	Seattle

Comments: Notify Seattle Parks and Recreation prior to implementation; call 206-684-7249.



GRP Response Strategies Served:

DWW-0.0, BLI-1, CPS-40

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2 (206) 684-7249
Boat Ramp(s)	Concrete, Solid	4
Cell Phone Coverage	Yes	4G
Estimated Lot Size	Other	
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	15
Parking - Trailer	Marked	85
Power	No	
Restroom	Restroom - Flush	1
User Fee	Yes	$12/Day
Waste Disposal	None	
Water (potable)	Yes	

Don Armeni Boat Ramp SA-CPS-40



SA-CPS-40 Photo: Looking NE down boat ramp to Elliott Bay



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

1221 Harbor Ave SW
Seattle, WA 98116

Driving Directions

1. From downtown Seattle, take I-5 S towards West Seattle
2. At exit 163A take ramp on the right to W Seattle Br / Columbian Way (0.15 miles)
3. At fork keep right on W Seattle Br toward Spokane St (0.33 miles)
4. Continue on West Seattle Brg (1.93 miles)
5. Take ramp on the right to Harbor Ave / Avalon Way (0.26 miles)
6. Turn right on Harbor Ave SW (1.8 miles)
7. Turn right into Don Armeni Boat Ramp parking lot (just past SW Maryland Pl) and follow lanes back to the boat launch.

Waterfront Park (Silverdale) SA-CPS-50

Staging Area

Position - Location:	47° 38.625', -122° 41.786'	47° 38' 37.5", -122° 41' 47.2"	47.64375, -122.69644	Silverdale

Comments: The boat launch and parking area belongs to Port of Silverdale. For the rest of the park area and shelters, coordinate staging with Kitsap County Parks; call 253-337-5350.



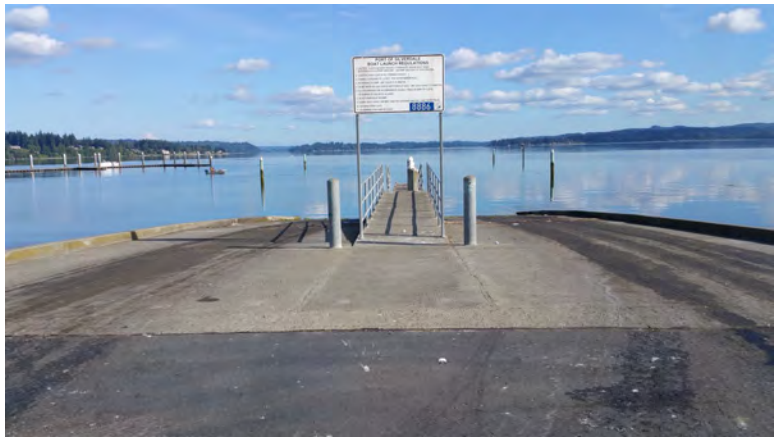
GRP Response Strategies Served:

CPS-54, CPS-52f, CPS-55f, CPS-51

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G
Covered Spaces	Yes	2 Shelter and Gazebo for rent
Estimated Lot Size	Square Feet	46000 Sq Ft
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	60
Parking - Trailer	Marked	38
Power	Yes	
Restroom	Restroom - Flush	2
User Fee	Unknown	
Waste Disposal	Trash Receptacle	2
Water (potable)	Yes	

Waterfront Park (Silverdale) SA-CPS-50



SA-CPS-50 Photo: Looking S down boat ramp from parking area.



Site Contact

Kitsap County Parks Department
Land/Property Contact : Property Managers
360-337-5350

Port of Silverdale
Alternate Contact :
360-698-4918

Nearest Address

3425 NW Byron Street
Silverdale, WA 98383

Driving Directions

1. From Gig Harbor, head North on WA-16 W
2. Go on WA-16 W (State Route 16 NW) (15.5 miles)
3. Continue on WA-3 N (8.64 miles)
4. Take ramp on the right to Newberry Hill Rd (0.35 miles)
5. Turn right on NW Newberry Hill Rd (0.16 miles)
6. At roundabout, take the second exit to proceed on Silverdale Way NW (0.55 miles)
7. Turn right on NW Byron St (0.16 miles)
8. Turn right at the stop sign onto McConnell Ave NW and proceed straight into the boat launch parking lot.

Evergreen Boat Ramp SA-CPS-51

Staging Area

Position - Location:	47° 34.457', -122° 37.678'	47° 34' 27.4", -122° 37' 40.7"	47.57428, -122.62796	Bremerton

Comments: Notify City of Bremerton prior to implementation; call 360-473-5305.



GRP Response Strategies Served:

CPS-70, CPS-53f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G
Covered Spaces	Yes	
Estimated Lot Size	Other	30000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	45
Parking - Trailer	Marked	14
Power	No	
Restroom	Restroom - Flush	2
User Fee	No	
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

Evergreen Boat Ramp SA-CPS-51



SA-CPS-51 Photo: Looking NE down boat launch to Port Washington Narrows



Site Contact

Bremerton Parks and Recreation
Primary Contact :

WA
360-478-5305

Nearest Address

1317 Sheldon Boulevard
Bremerton, WA 98337

Driving Directions

1. Head north on WA-16 W
2. Merge onto WA-3 N (1.3 mi)
3. At exit 36 bear right onto ramp to WA-304 E toward Bremerton(0.3 mi)
4. Continue on WA-304 (Navy Yard Hwy) (1.5 mi)
5. Turn right onto Burwell St (1.0 mi)
6. Turn left onto Warren Ave (0.4 mi)
7. Turn right onto 11th St (0.1 mi)
8. Turn left onto Park Ave (0.2 mi)
9. Finish at Evergreen Rotary Park, on the left

Water Street Boat Launch SA-CPS-70

Staging Area

Position - Location:	47° 32.474', -122° 38.417'	47° 32' 28.5", -122° 38' 25.0"	47.54124, -122.64028	Port Orchard

Comments: Parking area and park owned by Port of Bremerton, notify prior to implementation; call 360-674-2381. Port Orchard Marina owns and manages the boat launch, fuel dock, and pumpout station.



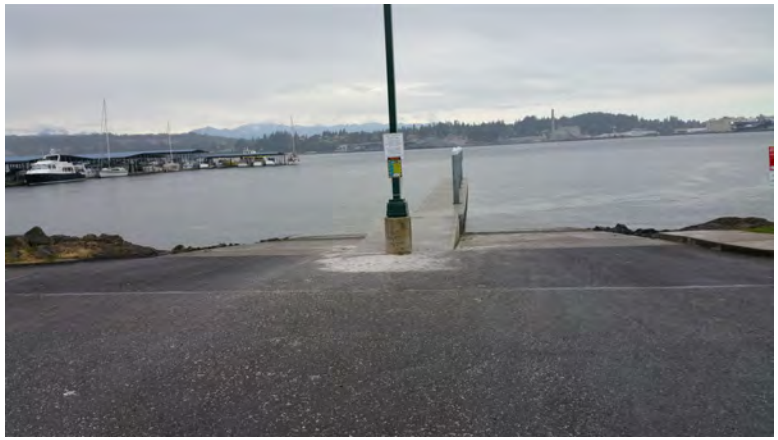
GRP Response Strategies Served:

CPS-83f, CPS-75f, CPS-81f, CPS-74f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	
Covered Spaces	No	
Estimated Lot Size	Other	13000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Not Marked	10
Parking - Trailer	Marked	21
Power	No	
Restroom	Restroom - Flush	2
User Fee	Unknown	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Water Street Boat Launch SA-CPS-70



SA-CPS-70 Photo: Looking NW down boat ramp



Site Contact

Port of Bremerton
Primary Contact :
360-674-2381

Port Orchard Parks and Recreation
Secondary Contact : Boat launch owner
360-876-4991

Nearest Address

525 Bay Street
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor, drive northwest on WA-16 W
2. Take the Tremont St exit toward Old Clifton Rd (0.2 mi)
3. Turn right onto Tremont St W (0.7 mi)
4. Turn left onto Port Orchard Blvd (1.1 mi)
5. Turn right onto Bay St (0.2 mi)
6. Finish at Water Street Boat Launch, on the left.

Pomeroy Park SA-CPS-90

Staging Area

Position - Location:	47° 33.354', -122° 32.616'	47° 33' 21.2", -122° 32' 37.0"	47.55590, -122.54360	Port Orchard

Comments: Pomeroy Park Boat Launch belongs to the Port of Manchester. Coordinate staging with the Port; call 360-871-0500.



GRP Response Strategies Served:

VI-6f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	4G
Estimated Lot Size	Square Feet	19000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	20
Parking - Trailer	Marked	20
Power	No	
Restroom	Restroom - Flush	1
User Fee	Yes	$7/Day
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

Pomeroy Park SA-CPS-90



SA-CPS-90 Photo: Boat launch and docks, taken at high tide.



Site Contact

Port of Manchester
Primary Contact :

WA
360-871-0500

Nearest Address

9003 E Main St
Port Orchard, WA 98366

Driving Directions

1. Head northwest WA-16 W toward Port Orchard
2. Take the Tremont St exit toward Old Clifton Rd
3. Turn right onto Tremont St W (0.9 mi)
4. Continue onto SE Lund Ave (0.7 mi)
5. Turn left onto Bethel Rd SE (1.1 mi)
6. At the traffic circle, take the 1st exit onto Mile Hill Dr (3.6 mi)
7. Turn left onto Colchester Dr SE (1.7 mi)
8. Turn right onto E Main St
9. Finish at Pomeroy Park

Redondo Boat Launch SA-CPS-110

Staging Area

Position - Location:	47° 20.891', -122° 19.509'	47° 20' 53.5", -122° 19' 30.5"	47.34819, -122.32515	Des Moines

Comments: Boardwalk and pier with adjacent parking lot (across street). High traffic in the summer.



GRP Response Strategies Served:

VI-3

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2 6 degrees
Covered Spaces	No	
Estimated Lot Size	Square Feet	78000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	30
Parking - Trailer	Marked	50
Power	No	
Restroom	Restroom - Flush	2
User Fee	Yes	10 daily trailer parking
Waste Disposal	Trash Receptacle	3
Water (potable)	Yes	

Redondo Boat Launch SA-CPS-110



SA-CPS-110 Photo: From top of boat ramp, looking West at Poverty Bay/Puget Sound. 8' tide.



Site Contact

City of Des Moines Marina
Land/Property Contact :

WA
206-824-5700

Nearest Address

28315 Redondo Way South
Des Moines, WA 98198

Driving Directions

1. From Tacoma, take I-5 North towards Federal Way.
2. Take exit 143.
3. At exit 143 bear right onto ramp to S. 320th St. toward Federal Way (0.3 mi)
4. Turn left on S 320th St (0.8 mi)
5. Turn right on WA-99 (Pacific Hwy S) (1.4 mi)
6. Turn left on WA-509 (S Dash Point Rd) (381 ft)
7. Turn right on Redondo Way S (16th Ave S) (1.0 mi)
8. Turn left into paid parking at 28315 Redondo Way South, 98198.
9. Boat launch is across Redondo Beach Drive S. Yield to traffic while launching.

Point Defiance Waterfront SA-CPS-170

Staging Area

Position - Location:	47° 18.305', -122° 30.816'	47° 18' 18.3", -122° 30' 49.0"	47.30508, -122.51360	Tacoma

Comments: Point Defiance Waterfront belongs to Metro Parks Tacoma. Coordinate staging with Metro Parks; call 253-591-5325.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	4
Boat Ramp(s)	Concrete, Solid	8
Cell Phone Coverage	Yes	4 Bars/3G
Covered Spaces	No	
Estimated Lot Size	Other	46000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	20
Parking - Trailer	Marked	10
Restroom	Restroom - Flush	2
User Fee	Yes	
Waste Disposal	Trash Receptacle	2
Water (potable)	No	

GRP Response Strategies Served:

CPS-180, CPS-142, CPS-135, CPS-143, PYLPR-1.6, CPS-161, CPS-181, CPS-144, CPS-130, CPS-141a, PYLPR-1.8, PYLPR-1.2, CPS-134

Point Defiance Waterfront SA-CPS-170



SA-CPS-170 Photo: Looking N toward boat ramp and docks, with the Pt. Defiance Ferry Terminal to the W.



Site Contact

Point Defiance Marina
Land/Property Contact :
253-591-5325

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Duwamish River Boat Ramp SA-GRD-2.5

Staging Area

Position - Location:	47° 32.579', -122° 20.019'	47° 32' 34.8", -122° 20' 1.1"	47.54299, -122.33365	Seattle

Comments: Limited parking. Gravel shoulder at site and unmarked street parking nearby. No facilities.



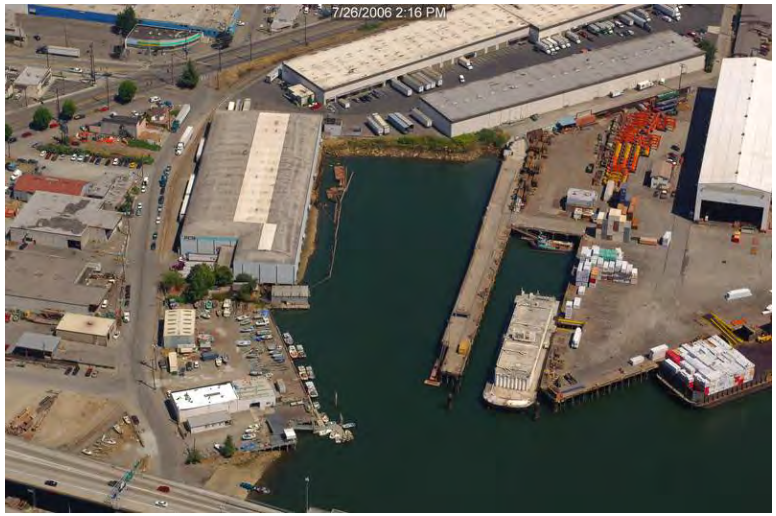
Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	2 side-by-side
Covered Spaces	Yes	underneath bridge
Estimated Lot Size	Square Feet	4000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Gravel	3
Parking - Trailer	Gravel	3
Restroom	None	
User Fee	No	
Waste Disposal	None	
Water (potable)	No	

GRP Response Strategies Served:

GRD-2.0, GRD-4.9, GRD-1.1, GRD-1.5

Duwamish River Boat Ramp SA-GRD-2.5



SA-GRD-2.5 Photo: From shoulder of boat launch, looking South at Duwamish River, pointed upstream.



Site Contact

Seattle Department of Transportation
Land/Property Owner :

Seattle, WA
206-684-7623

Nearest Address

79 South River Street
Seattle, WA 98108

Driving Directions

1. Start at I 5 Seattle
2. Go northwest on I-5 toward 162
3. At exit 162 take ramp on the left to Corson Ave toward Michigan St
4. Continue on Corson Ave S
5. Turn right on S Michigan St
6. Turn left on 4th Ave S
7. Turn left on E Marginal Way S
8. Make sharp right on S River St
9. Continue down S River St until you see the boat ramp

Jensen Point Park SA-VI-1

Staging Area

Position - Location:	47° 23.405', -122° 26.835'	47° 23' 24.3", -122° 26' 50.1"	47.39009, -122.44725	Vashon

Comments: Jensen Point Park belongs to Vashon Park District. Coordinate staging with park staff; call 206-463-9602.



GRP Response Strategies Served:

VI-4f, VI-5

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	4G/LTE
Covered Spaces	No	
Estimated Lot Size	Other	22000 sq ft
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	15
Parking - Trailer	Not Marked	5
Power	No	
Restroom	None	
User Fee	No	
Waste Disposal	None	
Water (potable)	No	

Jensen Point Park SA-VI-1



SA-VI-1 Photo: From parking area looking N at asphalt boat launch, low tide.



Site Contact

Vashon Park District
Land/Property Contact : Maintenance Director

Vashon, WA 98070
206-463-9602

Nearest Address

8903 SW Bayview Drive
Vashon, WA 98070

Driving Directions

1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Continue on Vashon Hwy SW (8.8 miles)
3. Turn left on SW Burton Dr (0.4 miles)
4. Turn right on 97th Ave SW (0.1 miles)
5. Continue on SW Bayview Dr (0.7 miles)
6. Finish at 8903 SW Bayview Drive, 98070, on the left

APPENDIX D

Boat Launch 2-Pagers

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Willow Creek Tidegate Marina Beach Edmonds — CPS-1-N

Position - Location:	47° 48.296', -122° 23.573'	47° 48' 17.8", -122° 23' 34.4"	47.80494, -122.39288	Edmonds

Strategy Objective: Notification : Notify City of Edmonds so they can close their tidegates

Implementation: Contact City of Edmonds Public Works at 425-771-0235 and inform them about any potentially significant oil spill that may impact either Willow Creek/Edmonds Marsh or Puget Sound near Marina Beach/Edmonds Marina.

Field Notes: Manual tidegate blocks off stormwater vault. Tidal flow between Marina Beach area and Edmonds Marsh via Willow Creek underground pipes. Operated by the City. Spill impacting vault and pipes could come from either Edmonds Marsh / road / rail tracks, or

Watercourse: Creek - Willow Creek / Shellabarger Creek

Resources at Risk: Eelgrass, Herons, Marsh, Raptors, Salmonids



Communication Process and Action:

Contact Edmonds Public Works at 425-771-0235 and inform them about any potentially significant oil spill that may impact the Edmonds Marsh, Willow Creek, Shellabarger Creek, or the waters of Puget Sound near Marina Beach. They will make a determination whether to monitor or close the tidegate at their stormwater vault.

If the main number is unanswered, leave a message and then try the following number:
Port of Edmonds: 425-774-0549
Port of Edmonds Security (afterhours): 425-508-7490

Willow Creek Tidegate Marina Beach Edmonds CPS-1-N



CPS-1-N Photo: Vault access panel at crosswalk near dry dock and Marina Beach parking, looking W.



Site Contact

City of Edmonds Public Works
Primary Contact : Daytime Office
425-771-0235

Port of Edmonds
After Hours and Weekends Contact : Security Afterhours
425-508-7490

Nearest Address

488 Admiral Way
Edmonds, WA 98020

Driving Directions

1. Start at I-5 N Seattle
2. Go on I-5 N toward exit 177 (0.3 miles)
3. At exit 177 bear right onto ramp to WA-104 W toward Edmonds / Lake Forest Park (4.1 miles)
4. At fork keep right to continue on WA-104 W/Kingston Ferry (1.1 miles)
5. Do not enter the ferry lanes
6. Turn left on W Dayton St (0.17 miles)
7. Bear left on Admiral Way (0.32 miles)
8. Turn left at stop sign (towards Dry Storage/Marina Beach Park)
9. Follow signs towards Marina Beach Park.
10. The site is adjacent to a crosswalk, just south of the fenced dry-dock area near the Marina Beach parking area.

Suquamish Tribe Fisheries - Grovers Creek Hatchery CPS-10-N

Position - Location:	47° 46.406', -122° 33.391'	47° 46' 24.3", -122° 33' 23.4"	47.77343, -122.55651	Poulsbo

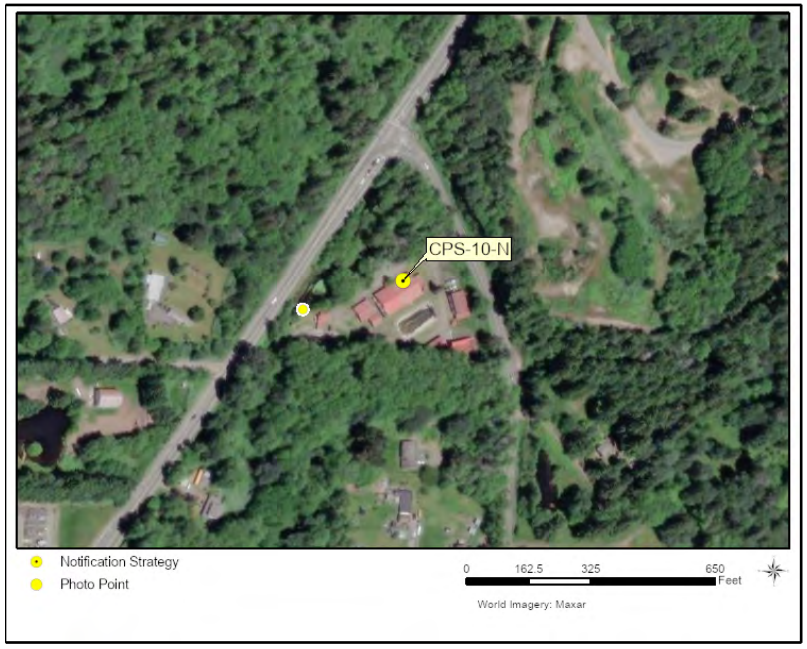
Strategy Objective: Notification : Notify Suquamish Tribe Hatcheries so they can delay salmon releases

Implementation: Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.

Field Notes: Hatchery and intake are located inland. Chinook and Coho released into Miller Bay area.

Watercourse: Creek - Grovers Creek at Miller Bay

Resources at Risk: Economic Resources, Salmonids, Tribal Lands/Resources



Communication Process and Action:

Contact Suquamish Tribe Fisheries Department at (360) 394-8450 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.

If nobody answers, call the following alternate numbers until someone at the Tribe has been notified:

Grover's Creek Hatchery
(360) 394-8530

Emergency Management
(360) 394-8507 (OFFICE)
(360) 271-4403 (CELL)

Tribe Headquarters
(360) 598-3311

Suquamish Tribe Fisheries - Grovers Creek Hatchery CPS-10-N



CPS-10-N Photo: Grover's Creek at Suquamish Tribe salmon hatchery.



Site Contact

Suquamish Tribe
Emergency Contact : Emergency Management
360-271-4403

Suquamish Tribe
Alternate Contact : Fisheries Department
360-598-3142

Nearest Address

23175 Indianola Rd
Poulsbo, WA 98370

Driving Directions

1. Start at WA-3 N Poulsbo
2. Go on WA-3 N (1.37 miles)
3. Take the ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (0.64 miles)
5. Turn left on Bond Rd NE (WA-307) (2.43 miles)
6. Turn right on NE Gunderson Rd (2.3 miles)
7. Turn left on Miller Bay Rd NE (0.27 miles)
8. Turn right on Indianola Rd NE (0.05 miles)
9. Finish at 23175 Indianola Rd, 98370, on the right

Agate Pass Net Pens — CPS-20-N

Position - Location:	47° 42.209', -122° 34.501'	47° 42' 12.6", -122° 34' 30.0"	47.70349, -122.57501	Port Madison

Strategy Objective: Notification : Notify Suquamish Tribe Fisheries so they can take action to protect their net pens

Implementation: Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison.

Field Notes: Coho fry reared in middle of Agate Pass south of the bridge. Also shellfish beds in tide zone nearby.

Watercourse: Puget Sound - Agate Pass

Resources at Risk: Net Pens, Salmonids, Shellfish, Tribal Lands/Resources



Communication Process and Action:

Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact the waters near Port Madison, Bainbridge Island, Liberty Bay or Port Orchard.

If nobody answers, call the following alternate numbers until someone at the Suquamish Tribe has been notified:

Emergency Management
(360) 394-8507 (OFFICE)
(360) 271-4403 (CELL)

Grover's Creek Hatchery
(360) 394-8530

Suquamish Tribe Headquarters
(360) 598-3311

Agate Pass Net Pens CPS-20-N



CPS-20-N Photo: Agate Pass net pens (in background), as seen from Suquamish Seafoods.



Site Contact

Suquamish Tribe
Primary Contact : Fisheries Department
360-598-3142

Suquamish Tribe
Alternate Contact : Emergency Management
360-271-4403

Nearest Address

18490 Suquamish Way
Port Madison, WA 98392

Driving Directions

1. Start at WA-3 N Silverdale
2. Go on WA-3 N (5.93 miles)
3. Take the ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (6.26 miles)
5. Turn left on Suquamish Way NE (1.27 miles)
6. Finish at 18490 Suquamish Way, 98392, on the right

SEA Discovery Center Poulsbo — CPS-21-N

Position - Location:	47° 43.985', -122° 38.747'	47° 43' 59.1", -122° 38' 44.8"	47.73309, -122.64578	Poulsbo

Strategy Objective: Notification : Notify aquarium so they can monitor or shut down their water intakes

Implementation: Contact the aquarium at 360-598-4460 and inform them about any potentially significant oil spill that may impact the waters near Liberty Bay

Field Notes: Exchanges once a week, not continuous. Nearshore intake at Port of Poulsbo marina, downtown Poulsbo. Part of Western Washington University.

Watercourse: Bay - Liberty Bay

Resources at Risk: Economic Resources, Public Lands, Water Intakes



Communication Process and Action:

Contact the aquarium at 360-598-4460 and inform them about any potentially significant oil spill that may impact the waters near Liberty Bay. They will make a determination whether to monitor or shut down their saltwater intake. Their tanks are exchanged once per week.

If the main number is unanswered, leave a message and then try the following number:

Aquarium Manager (cell) 360-621-7501

SEA Discovery Center Poulsbo CPS-21-N



CPS-21-N Photo: SEA Discovery Center from the parking lot/ top of boat ramp.



Site Contact

SEA Discovery Center Poulsbo
Primary Contact : Aquarium Water Intake

Poulsbo, WA
360-598-4460

Nearest Address

18743 Front St NE #2318
Poulsbo, WA 98370

Driving Directions

1. Start at WA-3 N Silverdale
2. Take the ramp on the right to Finn Hill Road (0.34 miles)
3. Turn right on NW Finn Hill Rd (0.49 miles)
4. Continue forward on NW Lindvig Way (0.19 miles)
5. Bear right on Front St NE (0.98 miles)
6. Turn right on Young St NE, then turn left on Queen Sonja Vei (0.06 miles)
7. Bear left on Young St NE (0.01 miles)
8. Finish at 18743 Front St NE #2318, 98370, on the right

Hiram Chittenden (Ballard) Locks — CPS-30-N

Position - Location:	47° 39.902', -122° 23.846'	47° 39' 54.1", -122° 23' 50.7"	47.66503, -122.39743	Seattle

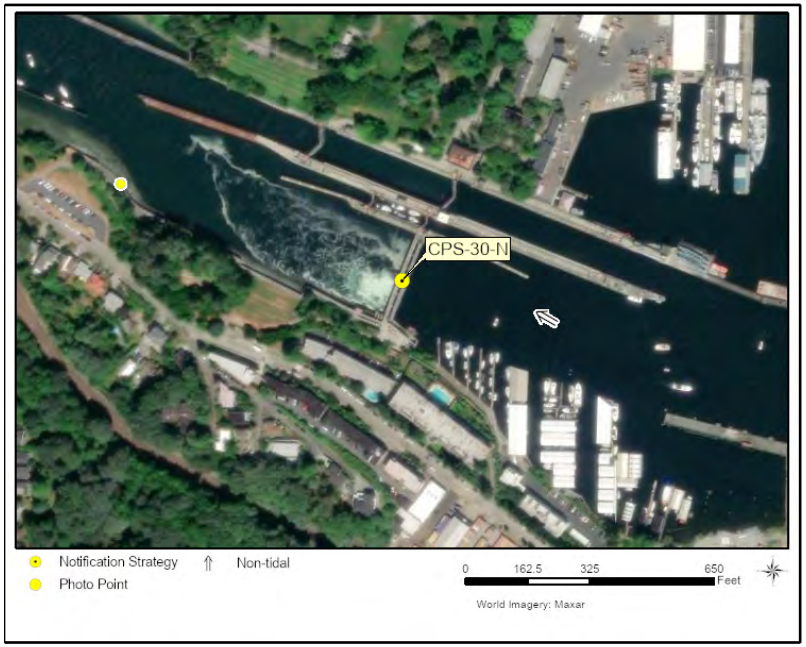
Strategy Objective: Notification : Notify US Army Corps of Engineers so they can adjust the locks or protect their fish ladder

Implementation: Contact the Army Corps Seattle District at 206-764-3750 and inform them about any potentially significant oil spill that may impact the waters near Lake Union, Salmon Bay, or Shilshole Bay.

Field Notes: Manages 2 locks in Salmon Bay / Lake Washington Ship Canal. Also has spillway and fish ladder. May be able to adjust locks to assist in response activities.

Watercourse: Bay - Salmon Bay

Resources at Risk: Federal Lands, Fish Ladder(s), Recreational Use Area



Communication Process and Action:

Contact the Army Corps Seattle District at 206-764-3750 (daytime) and inform them about any potentially significant oil spill that may impact the waters near Lake Union, Salmon Bay, or Shilshole Bay. Also advise them about any response activities that may occur in Lake Union or Lake Washington, or near the locks. USACE may be able to assist the response by advising about water levels, adjusting lock operations or ship traffic, or on-water response activities.

If nobody answers the above number, call the following alternate numbers until someone at the Army Corps has been notified:

Environmental Operations Center: 206-764-3406

Reservoir Control Center:
206-764-6702

Hiram Chittenden (Ballard) Locks CPS-30-N



CPS-30-N Photo: From downstream at Commodore Park, looking east at Ballard Locks, spillway and fish ladder.



Site Contact

USACE - Seattle District
Primary Contact :
206-764-6910

USACE Seattle District Reservoir Control Center
Alternate Contact :
206-764-6702

Nearest Address

3015 NW 54th St
Seattle, WA 98107

Driving Directions

1. Start at I-5 N Seattle
2. Go on I-5 N (Ship Canal Brg) toward 169 (0.26 miles)
3. Bear right onto the ramp at exit 169 toward NE 45th St / NE 50th St (0.11 miles)
4. Keep left at the fork toward NE 50th St / Seattle Pacific University (0.41 miles)
5. Bear left on 7th Ave NE (0.05 miles)
6. Turn left on NE 50th St (0.91 miles)
7. Bear left on Green Lake Way N (0.36 miles)
8. Bear right to stay on N 46th St (0.42 miles)
9. Continue forward on N Market St (2.08 miles)
10. Bear left on NW 54th St (0.08 miles)
11. Turn left on 30th Ave NW (0.02 miles)
12. Turn right (0.04 miles)
13. Finish at 3015 NW 54th St, 98107, on the left

Elliot Bay Net Pens (Terminal 86) CPS-31-N

Position - Location:	47° 37.332', -122° 22.060'	47° 37' 19.9", -122° 22' 3.6"	47.62220, -122.36767	Seattle

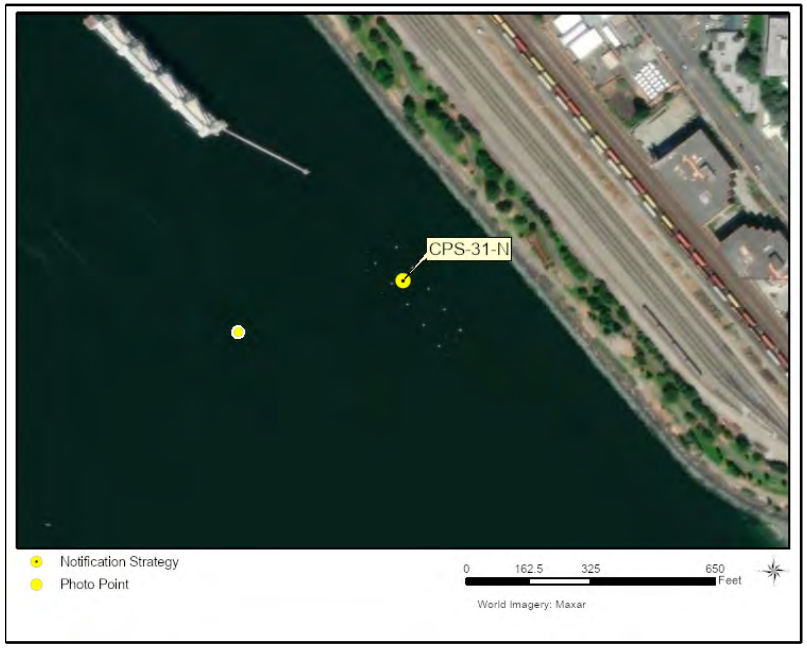
Strategy Objective: Notification : Notify the Muckleshoot and Suquamish Tribes so they can protect their net pens

Implementation: Call Muckleshoot and Suquamish Fisheries and inform them about any potentially significant oil spill that may impact the waters near Elliott Bay or the Green/Duwamish River.

Field Notes: Juvenile coho between March and June, 300k-500k. Joint program with Muckleshoot Tribe, Suquamish Tribe, and WDFW. Near Port of Seattle Terminal 86, grain loading moorage.

Watercourse: Bay - Elliott Bay

Resources at Risk: Economic Resources, Net Pens, Salmonids, Tribal Lands/Resources



Communication Process and Action:

Call Muckleshoot Fisheries at (253) 876-3109 and inform them about any potentially significant oil spill that may impact the waters near Elliott Bay or the Green/Duwamish River.

If nobody answers, call the following alternate numbers until someone at the Muckleshoot or Suquamish Tribe has been notified:

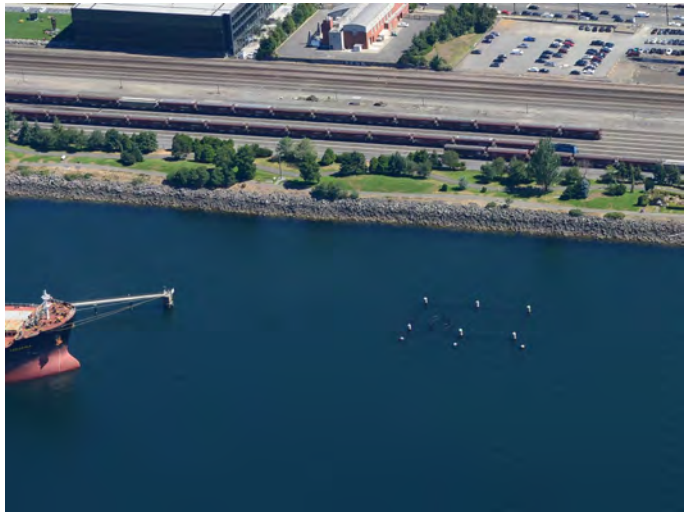
Muckleshoot Tribe Fisheries:
(253) 876-3109

(253) 876-3360
(253) 939-7738
(253) 876-3246
(253) 709-1813

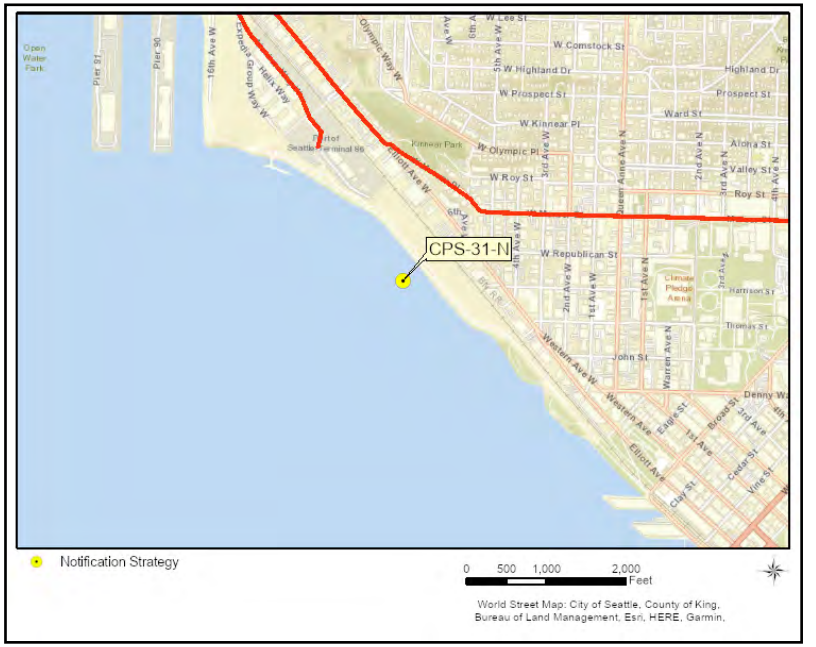
Suquamish Tribe Fisheries Department:
(360) 394-8438
(360) 204-6180

Suquamish Tribe Emergency Management:
(360) 394-8507
(360) 271-4403

Elliot Bay Net Pens (Terminal 86) CPS-31-N



CPS-31-N Photo: Aerial photo of net pens and Elliott Bay Trail, just south of moorage.



Site Contact

Muckleshoot Indian Tribe Fisheries Department
Primary Contact :
(253) 876-3109

Suquamish Tribe
Secondary Contact : Fisheries Department
(360) 394-8438

Nearest Address

919 Alaskan Way W
Seattle, WA 98121

Driving Directions

1. From Shoreline, take I-5 South towards Seattle.
2. Bear right onto the ramp at exit 167 toward Mercer St / Seattle Center (0.55 miles)
3. Continue forward on Mercer St (1.36 miles)
4. Continue forward on W Mercer Pl (0.26 miles)
5. Continue forward on Elliott Ave W (0.46 miles)
6. Make a sharp right toward Terminals 86-91 / Magnolia Bridge / Amgen Court W (0.04 miles)
7. Keep left at the fork toward Terminals 86-91 (0.26 miles)
8. Turn right on Alaskan Way W (0.42 miles)
9. Park in public access parking lot for Centennial Park. Fish pens are visible from Elliot Bay trail, 1/2 mile south of parking lot.

Seattle Aquarium Water Intake — CPS-32-N

Position - Location:	47° 36.436', -122° 20.625'	47° 36' 26.2", -122° 20' 37.5"	47.60727, -122.34375	Seattle

Strategy Objective: Notification : Notify Seattle Aquarium so they can monitor or shut down their water intake

Implementation: Contact Seattle Aquarium's Life Science Team 24/7 cell at 206-386-4359 and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact Elliott Bay or the Duwamish / Green River.

Field Notes: Intake is subsurface and continuous. Limited downtime if shutdown required before impacts to animals. Pier 59 by Waterfront Park and the Great Wheel.

Watercourse: Urban Waterfront - Elliott Bay downtown

Resources at Risk: Economic Resources, Marine Mammals, Water Intakes



Communication Process and Action:

Contact the aquarium at 206-386-4359 and inform them about any potentially significant oil spill that may impact the waters near Elliott Bay or the Green/Duwamish River. They will make a determination whether to monitor or shut down their saltwater intake.

If the main number is unanswered, leave a message and then try the following numbers in order until someone at the Aquarium has been contacted:
Security: 206-693-6119
Front desk: 206-386-4300

Seattle Aquarium Water Intake CPS-32-N



CPS-32-N Photo: From Waterfront Park, looking NW at Aquarium and small water intake building.



Site Contact

Seattle Aquarium
Emergency Contact : Water Intake Owner

Seattle, WA 98101
206-386-4359

Nearest Address

1483 Alaskan Way
Seattle, WA 98101

Driving Directions

1. Start at I-5 N Seattle
2. Go on I-5 N toward 163 (0.29 miles)
3. Take the ramp on the right at exit 163 to West Seattle Br / Columbian Way (0.11 miles)
4. Keep left at the fork onto W Seattle Bridge / Spokane St toward Safeco Field / CenturyLink Field (0.14 miles)
5. Keep left at the fork onto West Seattle Bridge (0.28 miles)
6. Bear left on West Seattle Brg (0.35 miles)
7. Take the ramp on the right to 1st Ave S (0.23 miles)
8. Continue forward on 1st Ave S (1.52 miles)
9. Turn left on S Dearborn St (0.06 miles)
10. Turn right on Alaskan Way S (0.92 miles)
11. Finish at 1483 Alaskan Way, 98101, on the left

Gorst Creek Rearing Ponds (Bremerton) CPS-70-N

Position - Location:	47° 31.795', -122° 42.652'	47° 31' 47.7", -122° 42' 39.1"	47.52992, -122.71087	Bremerton

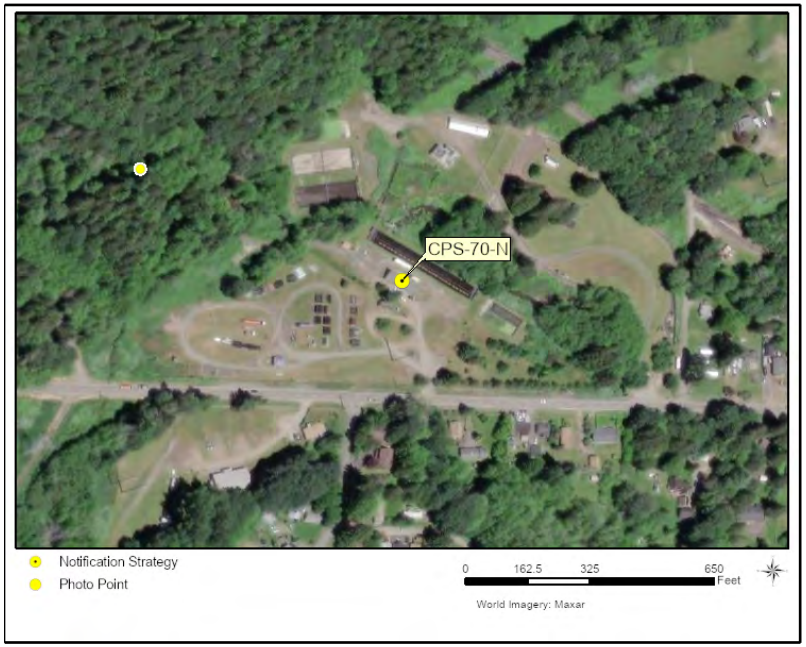
Strategy Objective: Notification : Notify Suquamish Tribe Hatcheries so they can delay salmon releases

Implementation: Contact Suquamish Tribe Fisheries Department at (360) 598-3142 and inform them about any potentially significant oil spill that may impact Gorst Creek or the waters near Sinclair Inlet.

Field Notes: Freshwater intake from Gorst Creek feeds rearing ponds and raceways. Chinook, coho, chum fry. Partnership between Suquamish Tribe, WDFW, City of Bremerton.

Watercourse: Creek - Gorst Creek near Sinclair Inlet

Resources at Risk: Economic Resources, Fish Hatchery, Salmonids, Tribal Lands/Resources, Water Intakes



Communication Process and Action:

Contact Suquamish Tribe Fisheries Department at (360) 394-8450 and inform them about any potentially significant oil spill that may impact Gorst Creek or the waters near Sinclair Inlet.

If nobody answers, call the following alternate numbers until someone at the hatchery has been notified:

WDFW Region 6
360-249-4628

Suquamish Tribe Emergency Management
360-271-4403
360-394-8507

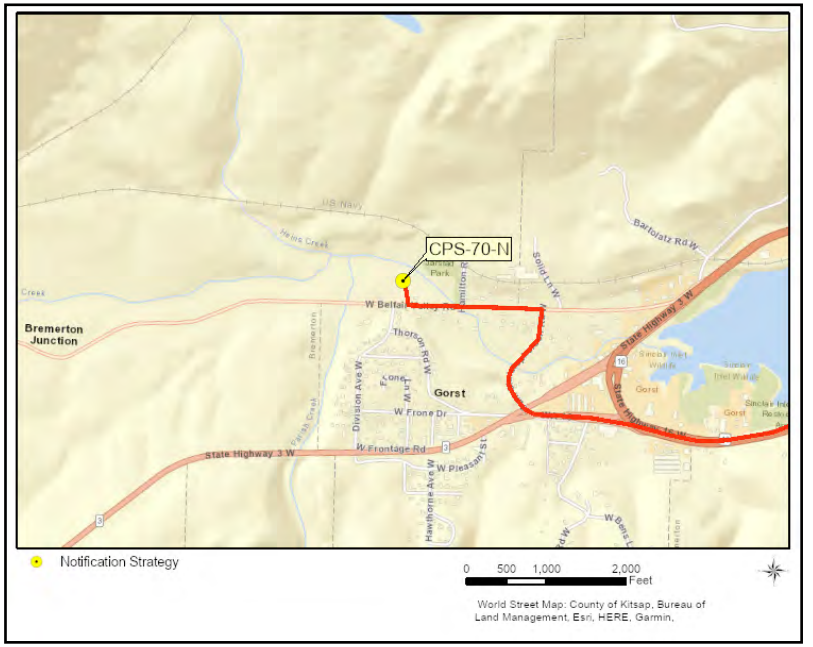
City of Bremerton Parks and Rec
360-478-5305
360-473-5920 (Jarstad Park)

Suquamish Tribe Headquarters
(360) 598-3311

Gorst Creek Rearing Ponds (Bremerton) CPS-70-N



CPS-70-N Photo: Freshwater intake structure on Gorst Creek that feeds hatchery.



Site Contact

Suquamish Tribe
Primary Contact : Fisheries Department
360-598-3142

Washington Department of Fish and Wildlife
Alternate Contact : Region 6
360-249-4628

Nearest Address

4230 West Belfair Valley Road
Bremerton, WA 98312

Driving Directions

1. From TAcoma, take Narrows Bridge towards Port Orchard.
2. Go on WA-16 W (Tacoma Narrows Brg) toward 8 (20.75 miles)
3. Take the ramp on the left at exit 28 toward WA-3 S / Belfair / Shelton (0.37 miles)
4. Continue forward on WA-16 (0.12 miles)
5. Continue forward on Sam Christopherson Rd W (0.27 miles)
6. Turn left on W Belfair Valley Rd (0.35 miles)
7. Finish at 4230 West Belfair Valley Road, 98312, on the right

MaST Center Aquarium Water Intake (Poverty Bay) CPS-110-N

Position - Location:	47° 20.945', -122° 19.513'	47° 20' 56.7", -122° 19' 30.8"	47.34909, -122.32521	Des Moines

Strategy Objective:	Notification : Notify Highline College MaST Center Aquarium so they can monitor or shut down their water intake
Implementation:	Contact the aquarium at 360-592-3135 and inform them about any potentially significant oil spill that may impact the waters near Poverty Bay
Field Notes:	Continuous saltwater intake near Redondo Beach boat launch, feeds 3,000 gallons of tanks. Part of Highline College.
Watercourse:	Bay - Poverty Bay
Resources at Risk:	Economic Resources, Public Lands, Water Intakes



Communication Process and Action:

Contact the Marine Science and Technology Center (MaST) aquarium director's office at 360 -592-3135 and inform them about any potentially significant oil spill that may impact the waters near Poverty Bay. They will make a determination whether to monitor or shut down their saltwater intake.

If the director's office number is unanswered, try the following numbers in order until someone at the Aquarium has been contacted:
Aquarium Manager Cell Phone: 206-715-0576
Highline College Main: 206-878-3710
Highline College Public Safety (24/7): 206-592-3218

MaST Center Aquarium Water Intake (Poverty Bay) CPS-110-N



CPS-110-N Photo: MaST Center Aquarium, with water intake at far left structure on end of dock.



Site Contact

MaST Aquarium (Highline College)
Primary Contact : Water Intake

Des Moines, WA 98198
206-592-3135

Nearest Address

28203 Redondo Beach Drive South
Des Moines, WA 98198

Driving Directions

1. Start at I-5 S, Sea-Tac, WA
2. Go on I-5 S (3.36 miles)
3. Bear right onto the ramp at exit 147 to S. 272nd St. (0.33 miles)
4. Turn right on S 272nd St (0.98 miles)
5. Bear left on Marine View Dr S (0.32 miles)
6. Turn right on 10th Ave S (0.29 miles)
7. Bear right on S 281st St (0.12 miles)
8. Bear left on Redondo Beach Dr S (0.1 miles)
9. Finish at 28203 Redondo Beach Drive South, 98198, on the right

Foss Waterway Seaport Water Intake — CPS-160-N

Position - Location:	47° 15.471', -122° 26.223'	47° 15' 28.3", -122° 26' 13.4"	47.25785, -122.43705	Tacoma

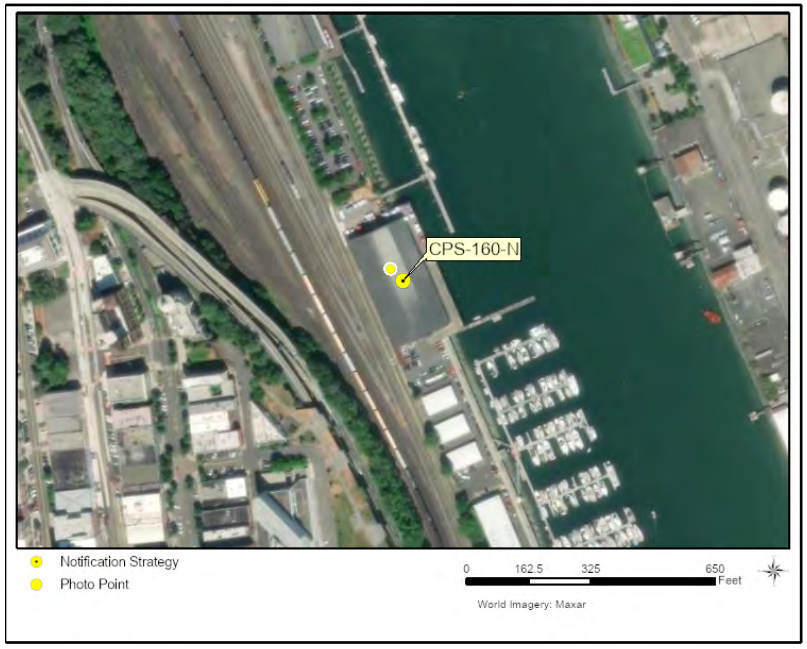
Strategy Objective: Notification : Notify Foss Waterway Seaport/Foss Martime Museum so that they can consider closing the water intakes.

Implementation: Notify the Foss Waterway Seaport/Foss Maritime Museum Executive Director at (253) 334-1688. Inform them of any significant spill or potential spill that impacts the Thea Foss Waterway. Once notified, Seaport/Museum staff can make necessary and appropriate actions, such as closing water intakes.

Field Notes:

Watercourse: Puget Sound - Commencement Bay

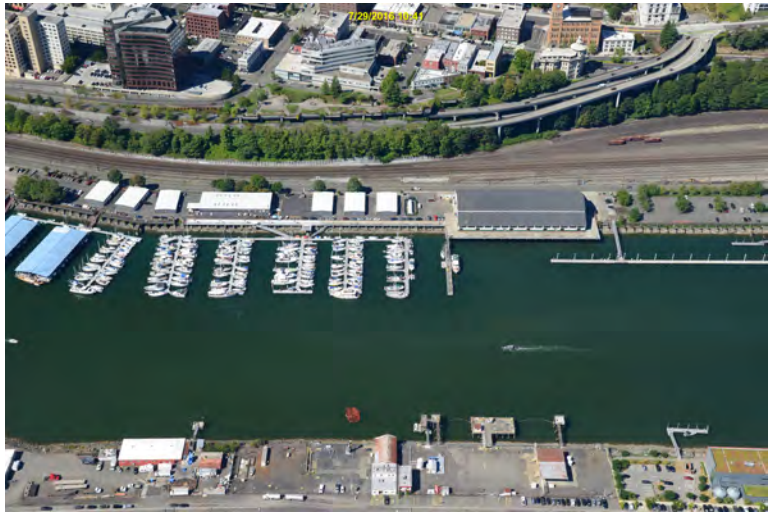
Resources at Risk: Economic Resources, Water Intakes



Communication Process and Action:

Notify the Foss Waterway Seaport/Foss Maritime Museum Executive Director at (253) 334-1688. Inform them of any significant spill or potential spill that impacts the Thea Foss Waterway. Once notified, Seaport/Museum staff can make necessary and appropriate actions, such as closing water intakes, to protect their touch tanks and educational displays.

Foss Waterway Seaport Water Intake — CPS-160-N



CPS-160-N Photo: View of Foss Waterway Seaport and surrounding marinas.



Site Contact

Nearest Address

705 Dock Street
Tacoma, WA 98402

Driving Directions

1. Start at I-5 S Fife
2. Go on I-5 S (2.08 miles)
3. Take exit 133 on the right to I-705 N / WA-7 S (0.16 miles)
4. Keep right at the fork to I-705 N (0.06 miles)
5. Keep left at the fork to merge onto I-705 N toward City Center (1.64 miles)
6. Take the exit on the left to merge onto the highway toward Schuster Pkwy (0.36 miles)
7. At the traffic light, turn right on E Dock St (S 4th St) (0.34 miles)
8. Finish at 705 Dock Street, 98402, on the left

Point Defiance Aquarium Water Intake — CPS-170-N

Position - Location:	47° 18.457', -122° 31.135'	47° 18' 27.4", -122° 31' 8.1"	47.30762, -122.51891	Tacoma

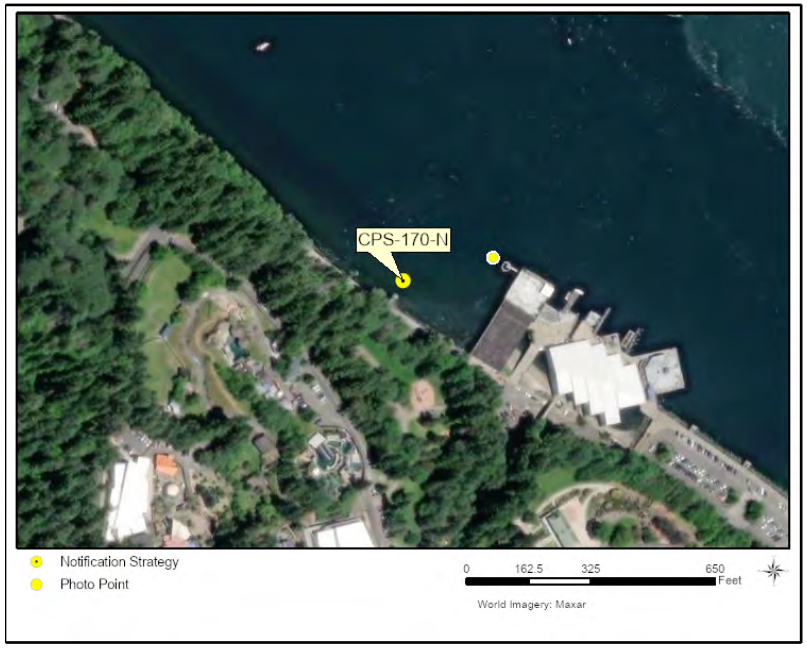
Strategy Objective: Notification : Notify Point Defiance Zoo and Aquarium so they can monitor or shut down their water intakes

Implementation: Contact Point Defiance Zoo and Aquarium at 253-677-7104 (24-hour) and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact marine waters near the intake for the aquarium at this location.

Field Notes: Intake piping extends ~200ft off-shore from pump house.

Watercourse: Puget Sound - Puget Sound - Commencement Bay

Resources at Risk: Economic Resources, Water Intakes



Communication Process and Action:

Call the Point Defiance Zoo and Aquarium at 253-677-7104 (24-hour) and inform them about any significant oil spill or potential spill in the area that impacts or threatens to impact marine waters near the seawater intake for the aquarium. Once notified, personnel from the Point Defiance Zoo and Aquarium will follow internal procedures to determine what action(s) they need to take.

Point Defiance Aquarium Water Intake CPS-170-N



CPS-170-N Photo: Point Defiance pump house intake structure as seen from the water at low tide.



Site Contact

Point Defiance Zoo & Aquarium
Primary Contact :

Tacoma, WA 98407
253-677-7104

Nearest Address

5400 N Pearl Street
Tacoma, WA 98407

Driving Directions

1. Head towards Tacoma on I-5
2. Take the exit for Hwy 16 (west) towards Gig Harbor/Bremerton (Exit 132 or 132B)
3. After ~3.1 miles, take Exit 3 to 6th Avenue towards Ruston
4. At the end of the ramp, continue straight onto Bantz Blvd
5. After 0.2 miles, turn right onto N Pearl Street
6. After 3.0 miles, enter Point Defiance Park (N Pearl Street becomes N Waterfront Drive)
7. Continue on N Waterfront Drive for 0.4 miles
8. Follow road to the right, down to the Point Defiance Marina
9. The water intake structure is ~400ft NW of marina parking lot along asphalt walking path.

APPENDIX C

Staging Area 2-Pagers

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Bainbridge City Dock — SA-BAI-1

Staging Area

Position - Location:	47° 37.332', -122° 31.071'	47° 37' 19.9", -122° 31' 4.3"	47.62220, -122.51785	Bainbridge Island

Comments: Public dock and launch with additional services for a fee. Adjacent to large city park and community center.



GRP Response Strategies Served:

BAI-6, BAI-3, BAI-7

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	900 ft
Boat Ramp(s)	Concrete, Solid	1 7 degree
Covered Spaces	No	
Estimated Lot Size	Square Feet	4400
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	5 more in park
Parking - Trailer	Marked	5 $8/day
Power	Yes	30A/50A $5/day
Restroom	Restroom - with Showers	4
User Fee	Yes	20 day pass group launch (single is free)
Waste Disposal	Pumpout	1 yellow whalers
Waste Disposal	Trash Receptacle	1
Water (potable)	Yes	

Bainbridge City Dock SA-BAI-1



SA-BAI-1 Photo: Looking S at boat ramp and dock. Photo taken at 5' tide.



Site Contact

City of Bainbridge Island
Land/Property Contact : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

276 Shannon Drive SE
Bainbridge Island, WA 98110

Driving Directions

1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Kingston Cove Marina SA-CPS-10

Staging Area

Position - Location:	47° 47.791', -122° 29.939'	47° 47' 47.5", -122° 29' 56.3"	47.79652, -122.49898	Kingston

Comments: The marina area is west of the ferry terminal parking. There are restaurants nearby. Marina and launch are managed by the Port of Kingston, call 360-297-3545.



GRP Response Strategies Served:

CPS-10f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2 8°
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Small gazebo; ferry terminal
Estimated Lot Size	Square Feet	155000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	250
Parking - Trailer	Marked	50
Power	No	
Restroom	Restroom - Flush	2
User Fee	Yes	10 /12 hrs trailer parking
Waste Disposal	Dump Station	1
Waste Disposal	Pumpout	1
Water (potable)	Yes	

Kingston Cove Marina SA-CPS-10



SA-CPS-10 Photo: From the dock, looking N at the twin ramps and elevated parking area with restroom.



Site Contact

Port of Kingston
Primary Contact :

Kingston, WA 98346
360-297-3545

Nearest Address

25878 Washington Blvd NE
Kingston, WA 98346

Driving Directions

1. Start at WA-3 N Poulsbo
2. Go on WA-3 N (3.41 miles)
3. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (0.64 miles)
5. Turn left on Bond Rd NE (WA-307) (5.25 miles)
6. Continue on WA-104 (Bond Rd NE) (3.91 miles)
7. Turn right on Washington Blvd NE (200 ft)
8. Proceed strait into Port of Kingston parking lot. Boat launch is located at far SW corner.

Charles Lawrence Memorial Boat Ramp SA-CPS-11

Staging Area

Position - Location:	47° 43.740', -122° 33.104'	47° 43' 44.4", -122° 33' 6.3"	47.72900, -122.55174	Suquamish

Comments: Permission from Suquamish Tribe required before using launch. Adjacent to Suquamish Tribe Community Center (House of Awakened Culture). Nearby public parking lot with turnaround, additional parking in front of community center with permission.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 nearby pier
Boat Ramp(s)	Concrete, Solid	1 9 deg
Estimated Lot Size	Square Feet	30000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	20
Parking - Trailer	Not Marked	12 Open asphalt lot
Power	No	
User Fee	No	Permission required
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

GRP Response Strategies Served:

CPS-12, CPS-21, CPS-13, CPS-14, BAI-1, CPS-20

Charles Lawrence Memorial Boat Ramp SA-CPS-11



SA-CPS-11 Photo: From ramp, looking SE towards Agate Point



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

Directions to Suquamish Tribe Boat Ramp/Staging:
1. From Silverdale, take WA-3 N towards Poulsbo
2. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
3. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (4.66 miles)
4. Turn left on NE Totten Rd (2.16 miles)
5. Bear left on Suquamish Way NE (0.93 miles)
6. Continue on NE South St (0.03 miles)
7. Slight right into parking lot/NE Parkway St
8. Entrance to ramp/turnaround at far end of lot next to dock.

Port of Brownsville Marina — SA-CPS-21

Staging Area

Position - Location:	47° 39.119', -122° 36.980'	47° 39' 7.1", -122° 36' 58.8"	47.65198, -122.61633	Bremerton

Comments: Large marina with guest and permanent moorage, full facilities. Adjacent to park. Large parking area across street from marina. Free Wi-Fi, coin laundry and showers.



GRP Response Strategies Served:

CPS-24, BAI-9, BAI-10

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 Small at launch
Boat Ramp(s)	Concrete, Solid	2 9 degree
Covered Spaces	Yes	1 Pavilion for rent
Fuel	Yes	Dock A
Parking - Car	Marked	160
Parking - Trailer	Marked	59
Power	Yes	guest moorage
Restroom	Restroom - with Showers	2 code needed after hours
User Fee	Yes	5 launch
Waste Disposal	Pumpout	2
Waste Disposal	Trash Receptacle	2
Water (potable)	Yes	

Port of Brownsville Marina SA-CPS-21



SA-CPS-21 Photo: From top of boat ramps, looking East at marina and Port Orchard.



Site Contact

Port of Brownsville
Land/Property Contact :

WA
360-692-5498

Nearest Address

9790 Ogle Road NE
Bremerton, WA 98311

Driving Directions

1. Start at WA 16 Port Orchard
2. Go west on WA-16
3. Continue on WA-3
4. At exit 45B take ramp on the right to WA-303 S toward E Bremerton
5. Bear right on WA-303 (NW Waaga Way)
6. Turn left on Brownsville Hwy NE
7. Turn right on Ogle Rd NE
8. Turn right into boat launch area at 9790 Ogle Road NE, 98311
9. Trailer parking is across Ogle Street. Take a right out of the boat launch, then the next left.

Golden Gardens Boat Ramp at Shilshole Marina — SA-CPS-30

Staging Area

Position - Location:	47° 41.211', -122° 24.208'	47° 41' 12.7", -122° 24' 12.5"	47.68685, -122.40347	Seattle

Comments: Eddie Vine Boat Ramp is part of Golden Gardens Park (City of Seattle), next to Shilshole Bay Marina (Port of Seattle). Stage in either marina or park. Very busy in summer and holiday weekends.



GRP Response Strategies Served:

CPS-38, CPS-3, CPS-37, CPS-39, CPS-182

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	3
Boat Ramp(s)	Asphalt	4 2 double-lane
Covered Spaces	Yes	for rent at park or marina
Estimated Lot Size	Square Feet	25000
Fuel	Yes	1 Dock H
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	50
Parking - Trailer	Marked	50
Restroom	Restroom - Flush	2
User Fee	No	7 day use; incl parking
Waste Disposal	Pumpout	2 Marina
Waste Disposal	Trash Receptacle	3 More at marina and park
Water (potable)	Yes	

Golden Gardens Boat Ramp at Shilshole Marina SA-CPS-30



SA-CPS-30 Photo: From top of boat ramp at north end of Shilshole Marina, looking West.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Shilshole Marina
Secondary Contact :
206-787-3006

Nearest Address

8001 Seaview Avenue
Seattle, WA 98117

Driving Directions

1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 169 for NE 50th St (300 ft)
2. Turn left onto NE 50th St (0.9 miles)
3. Bear left on Green Lake Way N (0.36 miles)
4. Bear right on N 46th St (0.42 miles)
5. Continue on N Market St (2.08 miles)
6. Bear left on NW 54th St (0.33 miles)
7. Continue on Seaview Ave NW (NW 54th St) (1.45 miles)
8. Follow Seaview Ave past marina and use left-hand turn lane to turn left to boat ramp. Parking likely to be full on weekends; extremely heavy traffic in the summer.

14th Avenue NW Boat Ramp SA-CPS-31

Staging Area

Position - Location:	47° 39.654', -122° 22.414'	47° 39' 39.2", -122° 22' 24.8"	47.66090, -122.37356	Seattle

Comments: Downtown boat ramp with trailer parking in front of Seattle Maritime Center. Be aware of heavy traffic and RV residents in area.



GRP Response Strategies Served:

CPS-34, CPS-36, CPS-35

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	3
Boat Ramp(s)	Concrete, Plank	2 6 degrees
Covered Spaces	No	
Estimated Lot Size	Square Feet	2000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	50 Street parking metered
Parking - Trailer	Marked	33
Power	No	
Restroom	None	
User Fee	No	
Waste Disposal	Trash Receptacle	2 (206) 684-7249
Water (potable)	No	

14th Avenue NW Boat Ramp SA-CPS-31



SA-CPS-31 Photo: From top of ramps looking S at shipping canal.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

4400 14th Ave Northwest
Seattle, WA 98107

Driving Directions

1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 167 (left exit)
3. At exit 167 bear left onto ramp toward Mercer St / Seattle Center (0.66 miles)
4. Continue on Mercer St (0.19 miles)
5. Turn right on Westlake Ave N (0.17 miles)
6. Turn right on Westlake Ave N (1.48 miles)
8. Turn right on 4th Ave N (0.17 miles)
9. Continue on Fremont Ave N (0.17 miles)
10. Turn left on Fremont Pl N (0.09 miles)
11. Continue on N 36th St (0.4 miles)
12. Continue on Leary Way NW (0.73 miles)
13. Turn left on NW 46th St (0.27 miles)
14. Turn left on 14th Ave NW (0.08 miles)
15. Finish at 4400 14th Ave Northwest, 98107

Sunnyside Avenue North Boat Ramp SA-CPS-32

Staging Area

Position - Location:	47° 39.019', -122° 19.846'	47° 39' 1.1", -122° 19' 50.7"	47.65031, -122.33076	Seattle

Comments: No assigned parking, first come first serve, usually full. Adjacent to busy road, minimal work area.



GRP Response Strategies Served:

CPS-31, CPS-33

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Plank	2 Side-by-side
Covered Spaces	No	
Estimated Lot Size	Square Feet	3000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	Nearby city streets
Parking - Trailer	Gravel	
Power	No	
Restroom	Restroom - Portable	1 Seasonal
User Fee	No	
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

Sunnyside Avenue North Boat Ramp SA-CPS-32



SA-CPS-32 Photo: From top of ramp, looking SE at approach to ship canal.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

2301 N Northlake Way
Seattle, WA 98103

Driving Directions

DIRECTIONS TO SA/BL-CPS-405 (Sunnyside Ave N Boat Ramp):
1. From downtown Seattle, take I-5 N towards Wallingford
2. Take exit 169 and bear right onto ramp toward NE 45th St / NE 50th St (0.11 miles)
3. At fork keep right toward NE 45th St / Univ of Wash (0.38 miles)
4. Turn right on NE 45th St (0.11 miles)
5. Turn right on Roosevelt Way NE (0.26 miles)
6. Turn right on NE 42nd St (0.11 miles)
7. Turn left on 7th Ave NE (0.11 miles)
8. At the 5-way stop, go straight/right onto NE 40th St (0.08 miles)
9. Turn left on 6th Ave NE (0.07 miles)
10. Continue on NE Northlake Way (0.52 miles)
11. Boat ramp is on the left at 2301 N Northlake Way, 98103

Don Armeni Boat Ramp SA-CPS-40

Staging Area

Position - Location:	47° 35.564', -122° 22.949'	47° 35' 33.8", -122° 22' 57.0"	47.59273, -122.38249	Seattle

Comments: Notify Seattle Parks and Recreation prior to implementation; call 206-684-7249.



GRP Response Strategies Served:

DWW-0.0, BLI-1, CPS-40

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2 (206) 684-7249
Boat Ramp(s)	Concrete, Solid	4
Cell Phone Coverage	Yes	4G
Estimated Lot Size	Other	
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	15
Parking - Trailer	Marked	85
Power	No	
Restroom	Restroom - Flush	1
User Fee	Yes	$12/Day
Waste Disposal	None	
Water (potable)	Yes	

Don Armeni Boat Ramp SA-CPS-40



SA-CPS-40 Photo: Looking NE down boat ramp to Elliott Bay



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

1221 Harbor Ave SW
Seattle, WA 98116

Driving Directions

1. From downtown Seattle, take I-5 S towards West Seattle
2. At exit 163A take ramp on the right to W Seattle Br / Columbian Way (0.15 miles)
3. At fork keep right on W Seattle Br toward Spokane St (0.33 miles)
4. Continue on West Seattle Brg (1.93 miles)
5. Take ramp on the right to Harbor Ave / Avalon Way (0.26 miles)
6. Turn right on Harbor Ave SW (1.8 miles)
7. Turn right into Don Armeni Boat Ramp parking lot (just past SW Maryland Pl) and follow lanes back to the boat launch.

Waterfront Park (Silverdale) SA-CPS-50

Staging Area

Position - Location:	47° 38.625', -122° 41.786'	47° 38' 37.5", -122° 41' 47.2"	47.64375, -122.69644	Silverdale

Comments: The boat launch and parking area belongs to Port of Silverdale. For the rest of the park area and shelters, coordinate staging with Kitsap County Parks; call 253-337-5350.



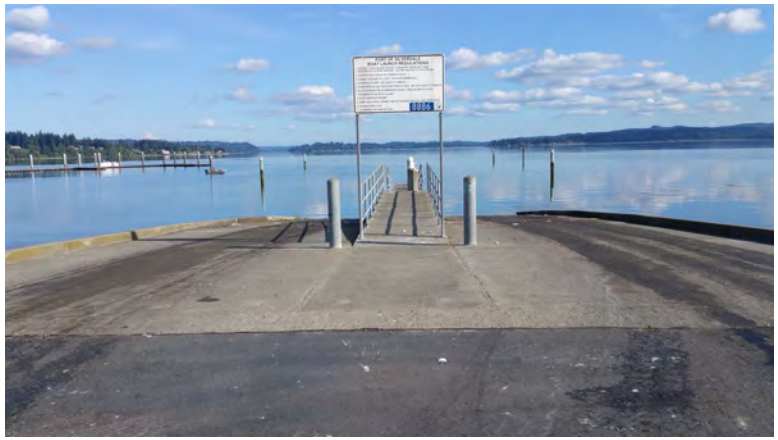
GRP Response Strategies Served:

CPS-54, CPS-52f, CPS-55f, CPS-51

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G
Covered Spaces	Yes	2 Shelter and Gazebo for rent
Estimated Lot Size	Square Feet	46000 Sq Ft
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	60
Parking - Trailer	Marked	38
Power	Yes	
Restroom	Restroom - Flush	2
User Fee	Unknown	
Waste Disposal	Trash Receptacle	2
Water (potable)	Yes	

Waterfront Park (Silverdale) SA-CPS-50



SA-CPS-50 Photo: Looking S down boat ramp from parking area.



Site Contact

Kitsap County Parks Department
Land/Property Contact : Property Managers
360-337-5350

Port of Silverdale
Alternate Contact :
360-698-4918

Nearest Address

3425 NW Byron Street
Silverdale, WA 98383

Driving Directions

1. From Gig Harbor, head North on WA-16 W
2. Go on WA-16 W (State Route 16 NW) (15.5 miles)
3. Continue on WA-3 N (8.64 miles)
4. Take ramp on the right to Newberry Hill Rd (0.35 miles)
5. Turn right on NW Newberry Hill Rd (0.16 miles)
6. At roundabout, take the second exit to proceed on Silverdale Way NW (0.55 miles)
7. Turn right on NW Byron St (0.16 miles)
8. Turn right at the stop sign onto McConnell Ave NW and proceed straight into the boat launch parking lot.

Evergreen Boat Ramp SA-CPS-51

Staging Area

Position - Location:	47° 34.457', -122° 37.678'	47° 34' 27.4", -122° 37' 40.7"	47.57428, -122.62796	Bremerton

Comments: Notify City of Bremerton prior to implementation; call 360-473-5305.



GRP Response Strategies Served:

CPS-70, CPS-53f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G
Covered Spaces	Yes	
Estimated Lot Size	Other	30000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	45
Parking - Trailer	Marked	14
Power	No	
Restroom	Restroom - Flush	2
User Fee	No	
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

Evergreen Boat Ramp SA-CPS-51



SA-CPS-51 Photo: Looking NE down boat launch to Port Washington Narrows



Site Contact

Bremerton Parks and Recreation
Primary Contact :

WA
360-478-5305

Nearest Address

1317 Sheldon Boulevard
Bremerton, WA 98337

Driving Directions

1. Head north on WA-16 W
2. Merge onto WA-3 N (1.3 mi)
3. At exit 36 bear right onto ramp to WA-304 E toward Bremerton(0.3 mi)
4. Continue on WA-304 (Navy Yard Hwy) (1.5 mi)
5. Turn right onto Burwell St (1.0 mi)
6. Turn left onto Warren Ave (0.4 mi)
7. Turn right onto 11th St (0.1 mi)
8. Turn left onto Park Ave (0.2 mi)
9. Finish at Evergreen Rotary Park, on the left

Water Street Boat Launch SA-CPS-70

Staging Area

Position - Location:	47° 32.474', -122° 38.417'	47° 32' 28.5", -122° 38' 25.0"	47.54124, -122.64028	Port Orchard

Comments: Parking area and park owned by Port of Bremerton, notify prior to implementation; call 360-674-2381. Port Orchard Marina owns and manages the boat launch, fuel dock, and pumpout station.



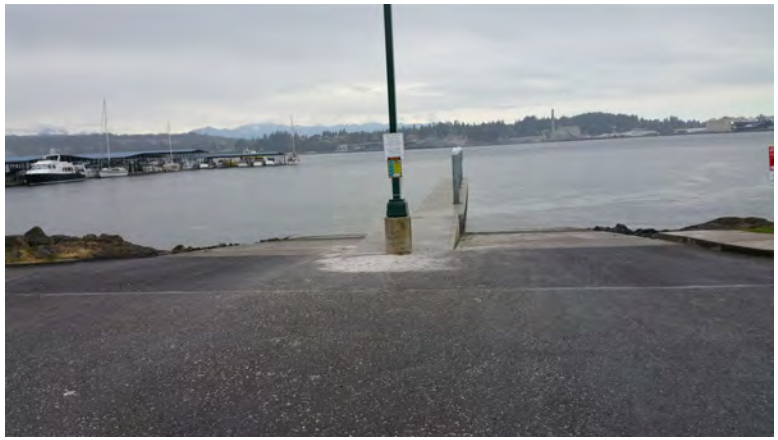
GRP Response Strategies Served:

CPS-83f, CPS-75f, CPS-81f, CPS-74f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	
Covered Spaces	No	
Estimated Lot Size	Other	13000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Not Marked	10
Parking - Trailer	Marked	21
Power	No	
Restroom	Restroom - Flush	2
User Fee	Unknown	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Water Street Boat Launch SA-CPS-70



SA-CPS-70 Photo: Looking NW down boat ramp



Site Contact

Port of Bremerton
Primary Contact :
360-674-2381

Port Orchard Parks and Recreation
Secondary Contact : Boat launch owner
360-876-4991

Nearest Address

525 Bay Street
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor, drive northwest on WA-16 W
2. Take the Tremont St exit toward Old Clifton Rd (0.2 mi)
3. Turn right onto Tremont St W (0.7 mi)
4. Turn left onto Port Orchard Blvd (1.1 mi)
5. Turn right onto Bay St (0.2 mi)
6. Finish at Water Street Boat Launch, on the left.

Pomeroy Park SA-CPS-90

Staging Area

Position - Location:	47° 33.354', -122° 32.616'	47° 33' 21.2", -122° 32' 37.0"	47.55590, -122.54360	Port Orchard

Comments: Pomeroy Park Boat Launch belongs to the Port of Manchester. Coordinate staging with the Port; call 360-871-0500.



GRP Response Strategies Served:

VI-6f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	4G
Estimated Lot Size	Square Feet	19000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	20
Parking - Trailer	Marked	20
Power	No	
Restroom	Restroom - Flush	1
User Fee	Yes	$7/Day
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

Pomeroy Park SA-CPS-90



SA-CPS-90 Photo: Boat launch and docks, taken at high tide.



Site Contact

Port of Manchester
Primary Contact :

WA
360-871-0500

Nearest Address

9003 E Main St
Port Orchard, WA 98366

Driving Directions

1. Head northwest WA-16 W toward Port Orchard
2. Take the Tremont St exit toward Old Clifton Rd
3. Turn right onto Tremont St W (0.9 mi)
4. Continue onto SE Lund Ave (0.7 mi)
5. Turn left onto Bethel Rd SE (1.1 mi)
6. At the traffic circle, take the 1st exit onto Mile Hill Dr (3.6 mi)
7. Turn left onto Colchester Dr SE (1.7 mi)
8. Turn right onto E Main St
9. Finish at Pomeroy Park

Redondo Boat Launch SA-CPS-110

Staging Area

Position - Location:	47° 20.891', -122° 19.509'	47° 20' 53.5", -122° 19' 30.5"	47.34819, -122.32515	Des Moines

Comments: Boardwalk and pier with adjacent parking lot (across street). High traffic in the summer.



GRP Response Strategies Served:

VI-3

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2 6 degrees
Covered Spaces	No	
Estimated Lot Size	Square Feet	78000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	30
Parking - Trailer	Marked	50
Power	No	
Restroom	Restroom - Flush	2
User Fee	Yes	10 daily trailer parking
Waste Disposal	Trash Receptacle	3
Water (potable)	Yes	

Redondo Boat Launch SA-CPS-110



SA-CPS-110 Photo: From top of boat ramp, looking West at Poverty Bay/Puget Sound. 8' tide.



Site Contact

City of Des Moines Marina
Land/Property Contact :

WA
206-824-5700

Nearest Address

28315 Redondo Way South
Des Moines, WA 98198

Driving Directions

1. From Tacoma, take I-5 North towards Federal Way.
2. Take exit 143.
3. At exit 143 bear right onto ramp to S. 320th St. toward Federal Way (0.3 mi)
4. Turn left on S 320th St (0.8 mi)
5. Turn right on WA-99 (Pacific Hwy S) (1.4 mi)
6. Turn left on WA-509 (S Dash Point Rd) (381 ft)
7. Turn right on Redondo Way S (16th Ave S) (1.0 mi)
8. Turn left into paid parking at 28315 Redondo Way South, 98198.
9. Boat launch is across Redondo Beach Drive S. Yield to traffic while launching.

Point Defiance Waterfront SA-CPS-170

Staging Area

Position - Location:	47° 18.305', -122° 30.816'	47° 18' 18.3", -122° 30' 49.0"	47.30508, -122.51360	Tacoma

Comments: Point Defiance Waterfront belongs to Metro Parks Tacoma. Coordinate staging with Metro Parks; call 253-591-5325.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	4
Boat Ramp(s)	Concrete, Solid	8
Cell Phone Coverage	Yes	4 Bars/3G
Covered Spaces	No	
Estimated Lot Size	Other	46000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	20
Parking - Trailer	Marked	10
Restroom	Restroom - Flush	2
User Fee	Yes	
Waste Disposal	Trash Receptacle	2
Water (potable)	No	

GRP Response Strategies Served:

CPS-180, CPS-142, CPS-135, CPS-143, PYLPR-1.6, CPS-161, CPS-181, CPS-144, CPS-130, CPS-141a, PYLPR-1.8, PYLPR-1.2, CPS-134

Point Defiance Waterfront SA-CPS-170



SA-CPS-170 Photo: Looking N toward boat ramp and docks, with the Pt. Defiance Ferry Terminal to the W.



Site Contact

Point Defiance Marina
Land/Property Contact :
253-591-5325

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Duwamish River Boat Ramp SA-GRD-2.5

Staging Area

Position - Location:	47° 32.579', -122° 20.019'	47° 32' 34.8", -122° 20' 1.1"	47.54299, -122.33365	Seattle

Comments: Limited parking. Gravel shoulder at site and unmarked street parking nearby. No facilities.



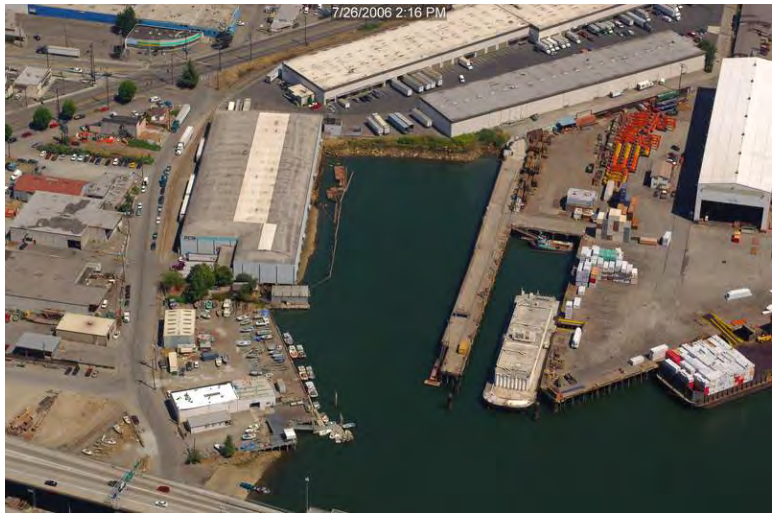
Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	2 side-by-side
Covered Spaces	Yes	underneath bridge
Estimated Lot Size	Square Feet	4000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Gravel	3
Parking - Trailer	Gravel	3
Restroom	None	
User Fee	No	
Waste Disposal	None	
Water (potable)	No	

GRP Response Strategies Served:

GRD-2.0, GRD-4.9, GRD-1.1, GRD-1.5

Duwamish River Boat Ramp SA-GRD-2.5



SA-GRD-2.5 Photo: From shoulder of boat launch, looking South at Duwamish River, pointed upstream.



Site Contact

Seattle Department of Transportation
Land/Property Owner :

Seattle, WA
206-684-7623

Nearest Address

79 South River Street
Seattle, WA 98108

Driving Directions

1. Start at I 5 Seattle
2. Go northwest on I-5 toward 162
3. At exit 162 take ramp on the left to Corson Ave toward Michigan St
4. Continue on Corson Ave S
5. Turn right on S Michigan St
6. Turn left on 4th Ave S
7. Turn left on E Marginal Way S
8. Make sharp right on S River St
9. Continue down S River St until you see the boat ramp

Jensen Point Park SA-VI-1

Staging Area

Position - Location:	47° 23.405', -122° 26.835'	47° 23' 24.3", -122° 26' 50.1"	47.39009, -122.44725	Vashon

Comments: Jensen Point Park belongs to Vashon Park District. Coordinate staging with park staff; call 206-463-9602.



GRP Response Strategies Served:

VI-4f, VI-5

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	4G/LTE
Covered Spaces	No	
Estimated Lot Size	Other	22000 sq ft
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	15
Parking - Trailer	Not Marked	5
Power	No	
Restroom	None	
User Fee	No	
Waste Disposal	None	
Water (potable)	No	

Jensen Point Park SA-VI-1



SA-VI-1 Photo: From parking area looking N at asphalt boat launch, low tide.



Site Contact

Vashon Park District
Land/Property Contact : Maintenance Director

Vashon, WA 98070
206-463-9602

Nearest Address

8903 SW Bayview Drive
Vashon, WA 98070

Driving Directions

1. Take Washington State Ferry from Fauntleroy (West Seattle) to Vashon (Vashon Island).
2. After exiting the ferry on Vashon Island, bear left onto Vashon Hwy SW
3. Continue on Vashon Hwy SW (8.8 miles)
3. Turn left on SW Burton Dr (0.4 miles)
4. Turn right on 97th Ave SW (0.1 miles)
5. Continue on SW Bayview Dr (0.7 miles)
6. Finish at 8903 SW Bayview Drive, 98070, on the left

APPENDIX D

Boat Launch 2-Pagers

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Bainbridge City Dock BL-BAI-1

Boat Launch Location

Position - Location:	47° 37.332', -122° 31.071'	47° 37' 19.9", -122° 31' 4.3"	47.62220, -122.51785	Bainbridge Island

Comments:	Newly renovated dock and launch. Heavy recreational boat traffic and near ferry dock. Access to Eagle Harbor.



GRP Response Strategies Served:

BAI-6, BAI-5, BAI-3, BAI-7, BAI-4

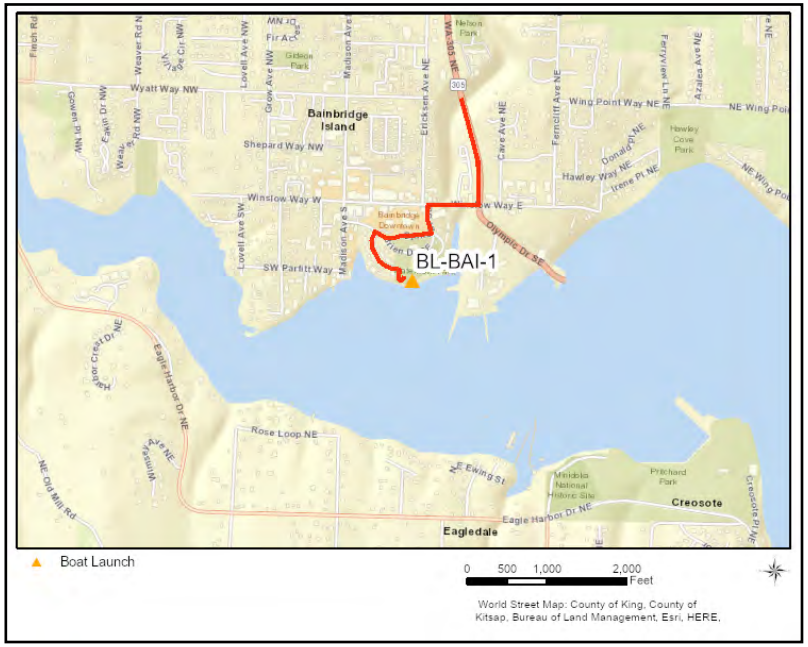
Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	900 ft
Boat Ramp(s)	Concrete, Solid	1 7 degree
Covered Spaces	No	
Estimated Lot Size	Square Feet	4400
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	5 more in park
Parking - Trailer	Marked	5 $8/day
Power	Yes	30A/50A $5/day
Restroom	Restroom - with Showers	4
User Fee	Yes	20 day pass group launch (single is free)
Waste Disposal	Pumpout	1 yellow whalers
Waste Disposal	Trash Receptacle	1
Water (potable)	Yes	

Bainbridge City Dock BL-BAI-1



SA-BAI-1 Photo: Looking S at boat ramp and dock. Photo taken at 5' tide.



Site Contact

City of Bainbridge Island
Land/Property Contact : Parks & Rec After Hours Emergency

WA
206-887-8329

Nearest Address

276 Shannon Drive SE
Bainbridge Island, WA 98110

Driving Directions

1. From Poulsbo, take WA 305 South towards Bainbridge Island, crossing Agate Passage Bridge.
2. Turn right on Winslow Way E (0.1 miles)
3. Turn left on Bjune Dr SE (0.1 miles)
4. Turn right to stay on Bjune Dr SE (0.11 miles)
5. Turn left onto Shannon Dr SE
6. Road ends at parking area and boat launch, 301 Shannon Drive SE, 98110

Kingston Cove Marina — BL-CPS-10

Boat Launch Location

Position - Location:	47° 47.791', -122° 29.939'	47° 47' 47.5", -122° 29' 56.3"	47.79652, -122.49898	Kingston

Comments: Appletree Cove. The launch is near a large tidal bay and adjacent to a large Marina with full slips. Be aware of both the state ferry and recreational boat traffic. Marina and launch are managed by the Port of Kingston, call 360-297-3545.



GRP Response Strategies Served:

CPS-10f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2 8°
Cell Phone Coverage	Yes	
Covered Spaces	Yes	Small gazebo; ferry terminal
Estimated Lot Size	Square Feet	155000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	250
Parking - Trailer	Marked	50
Power	No	
Restroom	Restroom - Flush	2
User Fee	Yes	10 /12 hrs trailer parking
Waste Disposal	Dump Station	1
Waste Disposal	Pumpout	1
Water (potable)	Yes	

Kingston Cove Marina BL-CPS-10



SA-CPS-10 Photo: From the dock, looking N at the twin ramps and elevated parking area with restroom.



Site Contact

Port of Kingston
Primary Contact :

Kingston, WA 98346
360-297-3545

Nearest Address

25878 Washington Blvd NE
Kingston, WA 98346

Driving Directions

1. Start at WA-3 N Poulsbo
2. Go on WA-3 N (3.41 miles)
3. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
4. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (0.64 miles)
5. Turn left on Bond Rd NE (WA-307) (5.25 miles)
6. Continue on WA-104 (Bond Rd NE) (3.91 miles)
7. Turn right on Washington Blvd NE (200 ft)
8. Proceed strait into Port of Kingston parking lot. Boat launch is located at far SW corner.

Charles Lawrence Memorial Boat Ramp BL-CPS-11

Boat Launch Location

Position - Location:	47° 43.740', -122° 33.104'	47° 43' 44.4", -122° 33' 6.3"	47.72900, -122.55174	Suquamish

Comments:	Tribally owned ramp behind Suquamish Community House. Permission from tribe required before using launch. Not useable at low tide. Nearby public parking lot with turnaround, additional parking in front of community center with permission. Port Madison



GRP Response Strategies Served:

CPS-12, CPS-21, BAI-2, CPS-13, CPS-14, BAI-1, CPS-20

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 nearby pier
Boat Ramp(s)	Concrete, Solid	1 9 deg
Estimated Lot Size	Square Feet	30000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	20
Parking - Trailer	Not Marked	12 Open asphalt lot
Power	No	
User Fee	No	Permission required
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

Charles Lawrence Memorial Boat Ramp BL-CPS-11



SA-CPS-11 Photo: From ramp, looking SE towards Agate Point



Site Contact

Suquamish Tribe
Pre-Notification Required : Fisheries Department

WA
360-598-3142

Nearest Address

7222 NE Parkway
Suquamish, WA 98392

Driving Directions

Directions to Suquamish Tribe Boat Ramp/Staging:
1. From Silverdale, take WA-3 N towards Poulsbo
2. Take ramp on the right to WA-305 S toward Poulsbo / Bainbridge Island (0.33 miles)
3. Turn right on WA-305 toward Poulsbo / Bainbridge Island / Kingston (4.66 miles)
4. Turn left on NE Totten Rd (2.16 miles)
5. Bear left on Suquamish Way NE (0.93 miles)
6. Continue on NE South St (0.03 miles)
7. Slight right into parking lot/NE Parkway St
8. Entrance to ramp/turnaround at far end of lot next to dock.

Keyport Boat Ramp BL-CPS-20

Boat Launch Location

Position - Location:	47° 42.256', -122° 37.450'	47° 42' 15.4", -122° 37' 27.0"	47.70427, -122.62417	Keyport

Comments:	Small recreational ramp next to pier with dock and moorage. Liberty Bay



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	250 feet - nearby at marina
Boat Ramp(s)	Concrete, Solid	1 7 degrees
Estimated Lot Size	Square Feet	3000
Lot Cover (Primary)	Asphalt	
Parking - Car	Not Marked	5
Parking - Trailer	Marked	3
Power	Yes	
Restroom	Restroom - Portable	1
User Fee	No	only for moorage
Waste Disposal	Trash Receptacle	1
Water (potable)	Yes	

GRP Response Strategies Served:

CPS-23

Keyport Boat Ramp BL-CPS-20



Photo: From top of ramp, with pier and moorage visible. Taken at 1' tide.



Site Contact

Port of Keyport
Land/Property Contact :

WA
360-627-0594

Nearest Address

15499 Washington Avenue NE
Keyport, WA 98345

Driving Directions

1. Start at WA 16 Port Orchard
2. Go west on WA-16
3. Continue on WA-3
4. Take ramp on the right to WA-308 E toward Keyport/Naval Base Kitsap/Bangor/Keyport
5. Turn right on WA-308 (NW Luoto Rd)
6. At fork keep left on WA-308
7. Turn left on Washington Ave NE
8. Continue straight to small parking area adjacent to marina office and dock.

Port of Brownsville Marina — BL-CPS-21

Boat Launch Location

Position - Location:	47° 39.119', -122° 36.980'	47° 39' 7.1", -122° 36' 58.8"	47.65198, -122.61633	Bremerton

Comments:	Ramp usable to -2 ft tide. Recently upgraded dual boat ramp. Guest moorage and full marina facilities available first-come, first serve. Breakwater dock can be reserved. Brown's Bay/Port Orchard.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1 Small at launch
Boat Ramp(s)	Concrete, Solid	2 9 degree
Covered Spaces	Yes	1 Pavilion for rent
Fuel	Yes	Dock A
Parking - Car	Marked	160
Parking - Trailer	Marked	59
Power	Yes	guest moorage
Restroom	Restroom - with Showers	2 code needed after hours
User Fee	Yes	5 launch
Waste Disposal	Pumpout	2
Waste Disposal	Trash Receptacle	2
Water (potable)	Yes	

GRP Response Strategies Served:

CPS-24, BAI-9, BAI-10

Port of Brownsville Marina BL-CPS-21



SA-CPS-21 Photo: From top of boat ramps, looking East at marina and Port Orchard.



Site Contact

Port of Brownsville
Land/Property Contact :

WA
360-692-5498

Nearest Address

9790 Ogle Road NE
Bremerton, WA 98311

Driving Directions

1. Start at WA 16 Port Orchard
2. Go west on WA-16
3. Continue on WA-3
4. At exit 45B take ramp on the right to WA-303 S toward E Bremerton
5. Bear right on WA-303 (NW Waaga Way)
6. Turn left on Brownsville Hwy NE
7. Turn right on Ogle Rd NE
8. Turn right into boat launch area at 9790 Ogle Road NE, 98311
9. Trailer parking is across Ogle Street. Take a right out of the boat launch, then the next left.

Golden Gardens Boat Ramp at Shilshole Marina BL-CPS-30

Boat Launch Location

Position - Location:	47° 41.211', -122° 24.208'	47° 41' 12.7", -122° 24' 12.5"	47.68685, -122.40347	Seattle

Comments:	Eddie Vine Boat Ramp is part of Golden Gardens Park (City of Seattle), next to Shilshole Bay Marina (Port of Seattle). Marina has full facilities.



GRP Response Strategies Served:

CPS-38, CPS-3, CPS-37, CPS-39, CPS-182

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	3
Boat Ramp(s)	Asphalt	4 2 double-lane
Covered Spaces	Yes	for rent at park or marina
Estimated Lot Size	Square Feet	25000
Fuel	Yes	1 Dock H
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	50
Parking - Trailer	Marked	50
Restroom	Restroom - Flush	2
User Fee	No	7 day use; incl parking
Waste Disposal	Pumpout	2 Marina
Waste Disposal	Trash Receptacle	3 More at marina and park
Water (potable)	Yes	

Golden Gardens Boat Ramp at Shilshole Marina BL-CPS-30



SA-CPS-30 Photo: From top of boat ramp at north end of Shilshole Marina, looking West.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Shilshole Marina
Secondary Contact :
206-787-3006

Nearest Address

8001 Seaview Avenue
Seattle, WA 98117

Driving Directions

1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 169 for NE 50th St (300 ft)
2. Turn left onto NE 50th St (0.9 miles)
3. Bear left on Green Lake Way N (0.36 miles)
4. Bear right on N 46th St (0.42 miles)
5. Continue on N Market St (2.08 miles)
6. Bear left on NW 54th St (0.33 miles)
7. Continue on Seaview Ave NW (NW 54th St) (1.45 miles)
8. Follow Seaview Ave past marina and use left-hand turn lane to turn left to boat ramp. Parking likely to be full on weekends; extremely heavy traffic in the summer.

14th Avenue NW Boat Ramp BL-CPS-31

Boat Launch Location

Position - Location:	47° 39.654', -122° 22.414'	47° 39' 39.2", -122° 22' 24.8"	47.66090, -122.37356	Seattle

Comments:	Public ramp leading into shipping canal adjacent to Aurora bridge, east of the locks. Access to Salmon Bay/Lake Union.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	3
Boat Ramp(s)	Concrete, Plank	2 6 degrees
Covered Spaces	No	
Estimated Lot Size	Square Feet	2000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	50 Street parking metered
Parking - Trailer	Marked	33
Power	No	
Restroom	None	
User Fee	No	
Waste Disposal	Trash Receptacle	2 (206) 684-7249
Water (potable)	No	

GRP Response Strategies Served:

CPS-34, CPS-36, CPS-35

14th Avenue NW Boat Ramp BL-CPS-31



SA-CPS-31 Photo: From top of ramps looking S at shipping canal.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

4400 14th Ave Northwest
Seattle, WA 98107

Driving Directions

1. From downtown Seattle, take I-5 N towards Ballard
2. Take exit 167 (left exit)
3. At exit 167 bear left onto ramp toward Mercer St / Seattle Center (0.66 miles)
4. Continue on Mercer St (0.19 miles)
5. Turn right on Westlake Ave N (0.17 miles)
6. Turn right on Westlake Ave N (1.48 miles)
8. Turn right on 4th Ave N (0.17 miles)
9. Continue on Fremont Ave N (0.17 miles)
10. Turn left on Fremont Pl N (0.09 miles)
11. Continue on N 36th St (0.4 miles)
12. Continue on Leary Way NW (0.73 miles)
13. Turn left on NW 46th St (0.27 miles)
14. Turn left on 14th Ave NW (0.08 miles)
15. Finish at 4400 14th Ave Northwest, 98107

Sunnyside Avenue North Boat Ramp BL-CPS-32

Boat Launch Location

Position - Location:	47° 39.019', -122° 19.846'	47° 39' 1.1", -122° 19' 50.7"	47.65031, -122.33076	Seattle

Comments: Public launch near Gas Works Park. Adjacent to liveaboards, floating homes, Puget Sound Yacht Club. Access to Ship Canal/Lake Union/Portage Bay.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Plank	2 Side-by-side
Covered Spaces	No	
Estimated Lot Size	Square Feet	3000
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	Nearby city streets
Parking - Trailer	Gravel	
Power	No	
Restroom	Restroom - Portable	1 Seasonal
User Fee	No	
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

GRP Response Strategies Served:

CPS-31, CPS-33, CPS-32

Sunnyside Avenue North Boat Ramp BL-CPS-32



SA-CPS-32 Photo: From top of ramp, looking SE at approach to ship canal.



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

2301 N Northlake Way
Seattle, WA 98103

Driving Directions

DIRECTIONS TO SA/BL-CPS-405 (Sunnyside Ave N Boat Ramp):
1. From downtown Seattle, take I-5 N towards Wallingford
2. Take exit 169 and bear right onto ramp toward NE 45th St / NE 50th St (0.11 miles)
3. At fork keep right toward NE 45th St / Univ of Wash (0.38 miles)
4. Turn right on NE 45th St (0.11 miles)
5. Turn right on Roosevelt Way NE (0.26 miles)
6. Turn right on NE 42nd St (0.11 miles)
7. Turn left on 7th Ave NE (0.11 miles)
8. At the 5-way stop, go straight/right onto NE 40th St (0.08 miles)
9. Turn left on 6th Ave NE (0.07 miles)
10. Continue on NE Northlake Way (0.52 miles)
11. Boat ramp is on the left at 2301 N Northlake Way, 98103

Don Armeni Boat Ramp BL-CPS-40

Boat Launch Location

Position - Location:	47° 35.564', -122° 22.949'	47° 35' 33.8", -122° 22' 57.0"	47.59273, -122.38249	Seattle

Comments: Notify Seattle Parks and Recreation prior to implementation; call 206-684-7249.



GRP Response Strategies Served:

DEW-1.3, CPS-41, GRD-0.6, DWW-0.8, DWW-0.0, DWW-1.1, BLI-1, CPS-40, GRD-1.0

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2 (206) 684-7249
Boat Ramp(s)	Concrete, Solid	4
Cell Phone Coverage	Yes	4G
Estimated Lot Size	Other	
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	15
Parking - Trailer	Marked	85
Power	No	
Restroom	Restroom - Flush	1
User Fee	Yes	$12/Day
Waste Disposal	None	
Water (potable)	Yes	

Don Armeni Boat Ramp BL-CPS-40



SA-CPS-40 Photo: Looking NE down boat ramp to Elliott Bay



Site Contact

Seattle Parks Duty Officer
After Hours and Weekends Contact : has key to gates
206 982 4583

Seattle Parks and Recreation
Land/Property Contact : General line
206-684-4075

Nearest Address

1221 Harbor Ave SW
Seattle, WA 98116

Driving Directions

1. From downtown Seattle, take I-5 S towards West Seattle
2. At exit 163A take ramp on the right to W Seattle Br / Columbian Way (0.15 miles)
3. At fork keep right on W Seattle Br toward Spokane St (0.33 miles)
4. Continue on West Seattle Brg (1.93 miles)
5. Take ramp on the right to Harbor Ave / Avalon Way (0.26 miles)
6. Turn right on Harbor Ave SW (1.8 miles)
7. Turn right into Don Armeni Boat Ramp parking lot (just past SW Maryland Pl) and follow lanes back to the boat launch.

Waterfront Park (Silverdale) BL-CPS-50

Boat Launch Location

Position - Location:	47° 38.625', -122° 41.786'	47° 38' 37.5", -122° 41' 47.2"	47.64375, -122.69644	Silverdale

Comments:	Waterfront Park Boat Launch belongs to Port of Silverdale. Coordinate staging with Kitsap County Parks; call 253-337-5350.



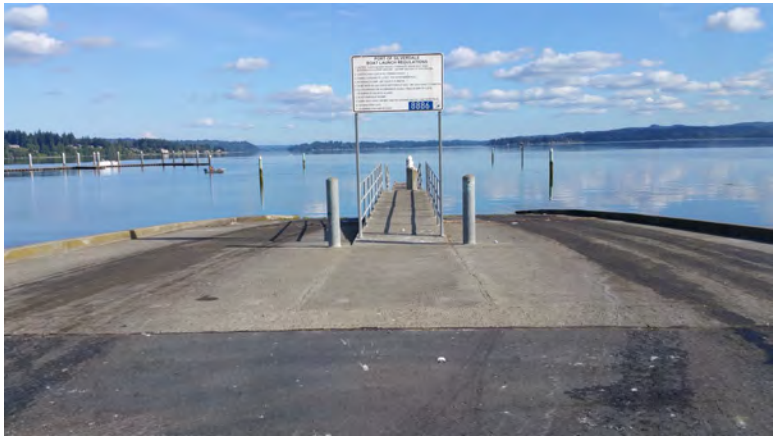
GRP Response Strategies Served:

CPS-54, CPS-52f, CPS-55f, CPS-51

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G
Covered Spaces	Yes	2 Shelter and Gazebo for rent
Estimated Lot Size	Square Feet	46000 Sq Ft
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	60
Parking - Trailer	Marked	38
Power	Yes	
Restroom	Restroom - Flush	2
User Fee	Unknown	
Waste Disposal	Trash Receptacle	2
Water (potable)	Yes	

Waterfront Park (Silverdale) BL-CPS-50



SA-CPS-50 Photo: Looking S down boat ramp from parking area.



Site Contact

Kitsap County Parks Department
Land/Property Contact : Property Managers
360-337-5350

Port of Silverdale
Alternate Contact :
360-698-4918

Nearest Address

3425 NW Byron Street
Silverdale, WA 98383

Driving Directions

1. From Gig Harbor, head North on WA-16 W
2. Go on WA-16 W (State Route 16 NW) (15.5 miles)
3. Continue on WA-3 N (8.64 miles)
4. Take ramp on the right to Newberry Hill Rd (0.35 miles)
5. Turn right on NW Newberry Hill Rd (0.16 miles)
6. At roundabout, take the second exit to proceed on Silverdale Way NW (0.55 miles)
7. Turn right on NW Byron St (0.16 miles)
8. Turn right at the stop sign onto McConnell Ave NW and proceed straight into the boat launch parking lot.

Evergreen Boat Ramp BL-CPS-51

Boat Launch Location

Position - Location:	47° 34.457', -122° 37.678'	47° 34' 27.4", -122° 37' 40.7"	47.57428, -122.62796	Bremerton

Comments:	Notify City of Bremerton prior to implementation; call 360-473-5305.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	4G
Covered Spaces	Yes	
Estimated Lot Size	Other	30000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	45
Parking - Trailer	Marked	14
Power	No	
Restroom	Restroom - Flush	2
User Fee	No	
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

GRP Response Strategies Served:

CPS-72, CPS-70, CPS-53f

Evergreen Boat Ramp BL-CPS-51



SA-CPS-51 Photo: Looking NE down boat launch to Port Washington Narrows



Site Contact

Bremerton Parks and Recreation
Primary Contact :

WA
360-478-5305

Nearest Address

1317 Sheldon Boulevard
Bremerton, WA 98337

Driving Directions

1. Head north on WA-16 W
2. Merge onto WA-3 N (1.3 mi)
3. At exit 36 bear right onto ramp to WA-304 E toward Bremerton(0.3 mi)
4. Continue on WA-304 (Navy Yard Hwy) (1.5 mi)
5. Turn right onto Burwell St (1.0 mi)
6. Turn left onto Warren Ave (0.4 mi)
7. Turn right onto 11th St (0.1 mi)
8. Turn left onto Park Ave (0.2 mi)
9. Finish at Evergreen Rotary Park, on the left

Water Street Boat Launch BL-CPS-70

Boat Launch Location

Position - Location:	47° 32.474', -122° 38.417'	47° 32' 28.5", -122° 38' 25.0"	47.54124, -122.64028	Port Orchard

Comments:	Parking area and park owned by Port of Bremerton, notify prior to implementation; call 360-674-2381. Port Orchard Marina owns and manages the boat launch, fuel dock, and pumpout station.



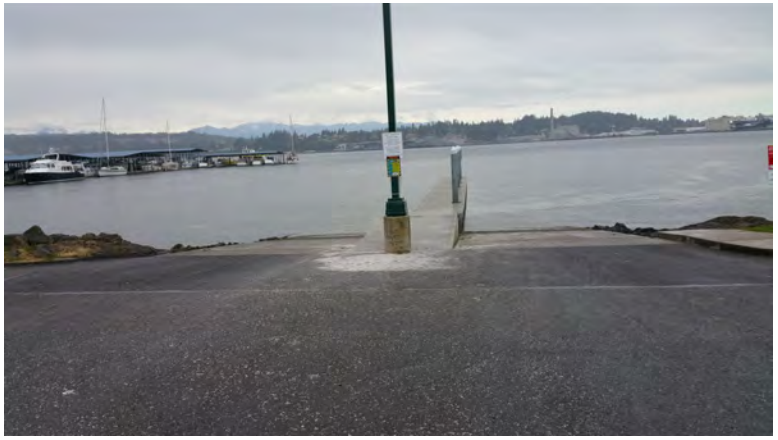
GRP Response Strategies Served:

CPS-84, CPS-83f, CPS-75f, CPS-71, CPS-79f, CPS-81f, CPS-77f, CPS-78f, CPS-74f

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	2
Cell Phone Coverage	Yes	
Covered Spaces	No	
Estimated Lot Size	Other	13000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Not Marked	10
Parking - Trailer	Marked	21
Power	No	
Restroom	Restroom - Flush	2
User Fee	Unknown	
Waste Disposal	Trash Receptacle	
Water (potable)	No	

Water Street Boat Launch BL-CPS-70



SA-CPS-70 Photo: Looking NW down boat ramp



Site Contact

Port of Bremerton
Primary Contact :
360-674-2381

Port Orchard Parks and Recreation
Secondary Contact : Boat launch owner
360-876-4991

Nearest Address

525 Bay Street
Port Orchard, WA 98366

Driving Directions

1. From Gig Harbor, drive northwest on WA-16 W
2. Take the Tremont St exit toward Old Clifton Rd (0.2 mi)
3. Turn right onto Tremont St W (0.7 mi)
4. Turn left onto Port Orchard Blvd (1.1 mi)
5. Turn right onto Bay St (0.2 mi)
6. Finish at Water Street Boat Launch, on the left.

Pomeroy Park BL-CPS-90

Boat Launch Location

Position - Location:	47° 33.354', -122° 32.616'	47° 33' 21.2", -122° 32' 37.0"	47.55590, -122.54360	Port Orchard

Comments:	Pomeroy Park Boat Launch belongs to the Port of Manchester. Coordinate staging with the Port; call 360-871-0500.



Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	1
Boat Ramp(s)	Concrete, Solid	1
Cell Phone Coverage	Yes	4G
Estimated Lot Size	Square Feet	19000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	20
Parking - Trailer	Marked	20
Power	No	
Restroom	Restroom - Flush	1
User Fee	Yes	$7/Day
Waste Disposal	Trash Receptacle	1
Water (potable)	No	

GRP Response Strategies Served:

CPS-90, CPS-93f, CPS-92, CPS-91f, CPS-91e, VI-6f

Pomeroy Park BL-CPS-90



SA-CPS-90 Photo: Boat launch and docks, taken at high tide.



Site Contact

Port of Manchester
Primary Contact :

WA
360-871-0500

Nearest Address

9003 E Main St
Port Orchard, WA 98366

Driving Directions

1. Head northwest WA-16 W toward Port Orchard
2. Take the Tremont St exit toward Old Clifton Rd
3. Turn right onto Tremont St W (0.9 mi)
4. Continue onto SE Lund Ave (0.7 mi)
5. Turn left onto Bethel Rd SE (1.1 mi)
6. At the traffic circle, take the 1st exit onto Mile Hill Dr (3.6 mi)
7. Turn left onto Colchester Dr SE (1.7 mi)
8. Turn right onto E Main St
9. Finish at Pomeroy Park

Redondo Boat Launch BL-CPS-110

Boat Launch Location

Position - Location:	47° 20.891', -122° 19.509'	47° 20' 53.5", -122° 19' 30.5"	47.34819, -122.32515	Des Moines

Comments:	Trailer parking is across the street, crossing the road to launch may require flaggers during high traffic season. Poverty Bay



GRP Response Strategies Served:

CPS-114, CPS-111, VI-3

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	2
Boat Ramp(s)	Concrete, Solid	2 6 degrees
Covered Spaces	No	
Estimated Lot Size	Square Feet	78000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Marked	30
Parking - Trailer	Marked	50
Power	No	
Restroom	Restroom - Flush	2
User Fee	Yes	10 daily trailer parking
Waste Disposal	Trash Receptacle	3
Water (potable)	Yes	

Redondo Boat Launch BL-CPS-110



SA-CPS-110 Photo: From top of boat ramp, looking West at Poverty Bay/Puget Sound. 8' tide.



Site Contact

City of Des Moines Marina
Land/Property Contact :

WA
206-824-5700

Nearest Address

28315 Redondo Way South
Des Moines, WA 98198

Driving Directions

1. From Tacoma, take I-5 North towards Federal Way.
2. Take exit 143.
3. At exit 143 bear right onto ramp to S. 320th St. toward Federal Way (0.3 mi)
4. Turn left on S 320th St (0.8 mi)
5. Turn right on WA-99 (Pacific Hwy S) (1.4 mi)
6. Turn left on WA-509 (S Dash Point Rd) (381 ft)
7. Turn right on Redondo Way S (16th Ave S) (1.0 mi)
8. Turn left into paid parking at 28315 Redondo Way South, 98198.
9. Boat launch is across Redondo Beach Drive S. Yield to traffic while launching.

Point Defiance Waterfront BL-CPS-170

Boat Launch Location

Position - Location:	47° 18.305', -122° 30.816'	47° 18' 18.3", -122° 30' 49.0"	47.30508, -122.51360	Tacoma

Comments:	Point Defiance Waterfront belongs to Metro Parks Tacoma. Coordinate staging with Metro Parks; call 253-591-5325.



GRP Response Strategies Served:

CPS-180, CPS-142, CPS-113f, CPS-145, CPS-141b, CPS-162, CPS-133, CPS-135, CPS-131, CPS-150, CPS-140, CPS-143, PYLPR-1.6, CPS-120f, VI-4f, CPS-160a, CPS-161, CPS-181, CPS-144, CPS-130, CPS-141a, PYLPR-1.8, VI-5, CPS-132b, PYLPR-1.2, CPS-134, CPS-160b

Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	Yes	4
Boat Ramp(s)	Concrete, Solid	8
Cell Phone Coverage	Yes	4 Bars/3G
Covered Spaces	No	
Estimated Lot Size	Other	46000 sq ft
Lot Cover (Primary)	Asphalt	100%
Parking - Car	Marked	20
Parking - Trailer	Marked	10
Restroom	Restroom - Flush	2
User Fee	Yes	
Waste Disposal	Trash Receptacle	2
Water (potable)	No	

Point Defiance Waterfront BL-CPS-170



SA-CPS-170 Photo: Looking N toward boat ramp and docks, with the Pt. Defiance Ferry Terminal to the W.



Site Contact

Point Defiance Marina
Land/Property Contact :
253-591-5325

Nearest Address

5501 N Pearl Street
Tacoma, WA 98407

Driving Directions

1. From Olympia, drive north on I-5 N
2. At exit 132, bear right onto ramp to WA-16 W/S 38th St toward Gig Harbor/Bremerton (1.0 mile)
3. At exit 3, take ramp on the right to 6th Ave toward Ruston/N (0.3 miles)
4. Continue on Bantz Blvd (0.2 miles)
5. Turn right on N Pearl St (WA-163) (3.0 miles)
6. At complex intersection / entrance to Point Defiance Park, stay towards the right onto Ferry Crossing Landing Rd (sign for Anthony's). Do not enter the ferry-only lanes further down the road. (0.3 miles)
7. Turn right at green sign for Breakwater Marina Boat Launch.
8. Finish at 5501 N Pearl Street, 98407, on the right

Duwamish River Boat Ramp BL-GRD-2.5

Boat Launch Location

Position - Location:	47° 32.579', -122° 20.019'	47° 32' 34.8", -122° 20' 1.1"	47.54299, -122.33365	Seattle

Comments:	Boat launch is owned by SDOT. Neighbors are Muckleshoot Tribe. Duwamish River at 1st Avenue Bridge.



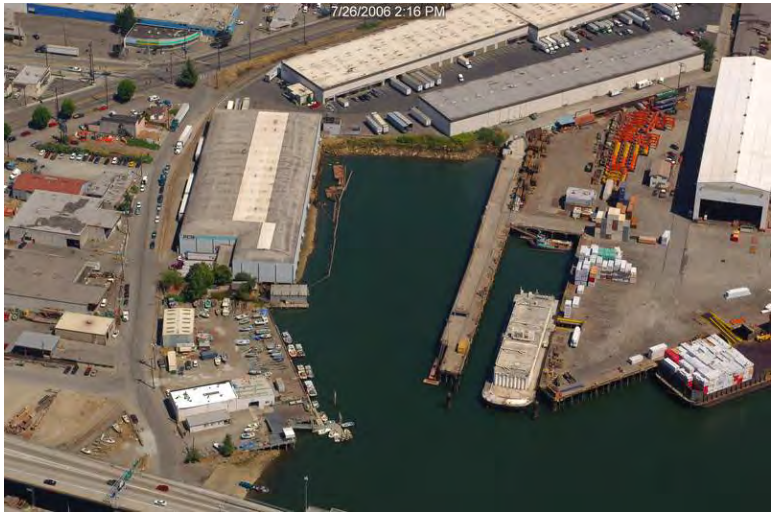
Location Information

Asset	Type/Status	Amount/Number
Boat Dock(s)	No	
Boat Ramp(s)	Concrete, Solid	2 side-by-side
Covered Spaces	Yes	underneath bridge
Estimated Lot Size	Square Feet	4000
Fuel	No	
Lot Cover (Primary)	Asphalt	
Parking - Car	Gravel	3
Parking - Trailer	Gravel	3
Restroom	None	
User Fee	No	
Waste Disposal	None	
Water (potable)	No	

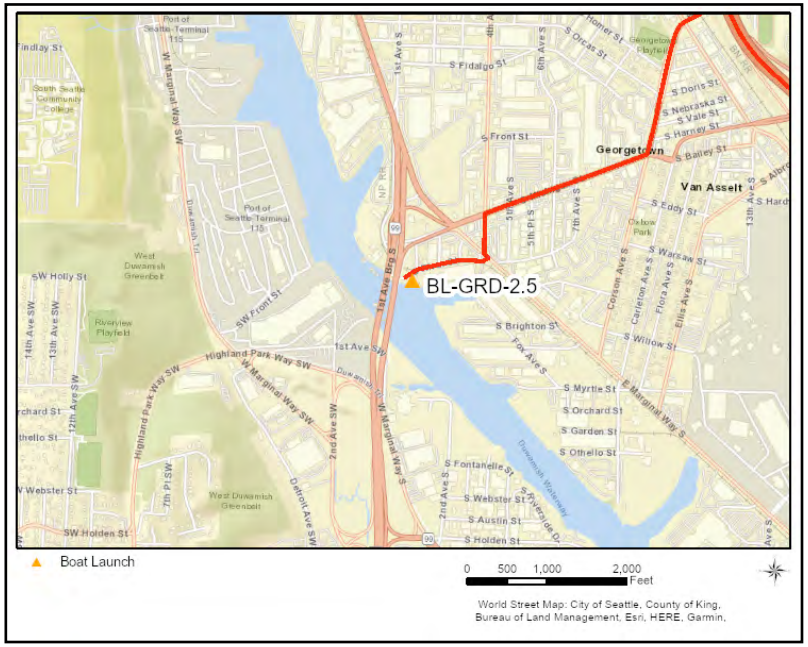
GRP Response Strategies Served:

GRD-2.0, GRD-4.9, GRD-1.1, GRD-1.5

Duwamish River Boat Ramp BL-GRD-2.5



SA-GRD-2.5 Photo: From shoulder of boat launch, looking South at Duwamish River, pointed upstream.



Site Contact

Seattle Department of Transportation
Land/Property Owner :

Seattle, WA
206-684-7623

Nearest Address

79 South River Street
Seattle, WA 98108

Driving Directions

1. Start at I 5 Seattle
2. Go northwest on I-5 toward 162
3. At exit 162 take ramp on the left to Corson Ave toward Michigan St
4. Continue on Corson Ave S
5. Turn right on S Michigan St
6. Turn left on 4th Ave S
7. Turn left on E Marginal Way S
8. Make sharp right on S River St
9. Continue down S River St until you see the boat ramp