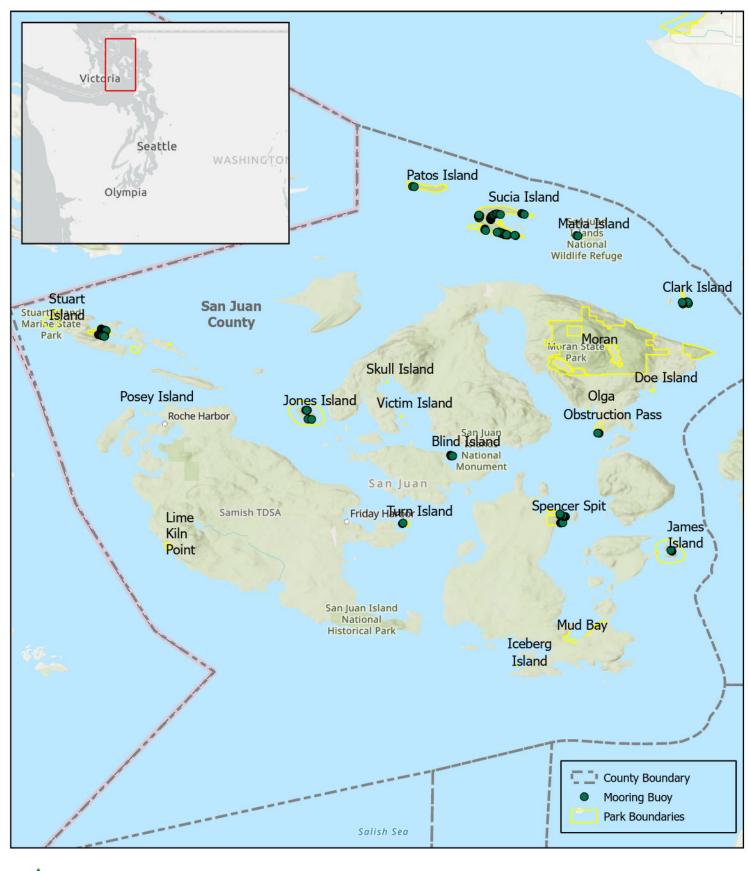
# Attachment A – Map of buoys overview



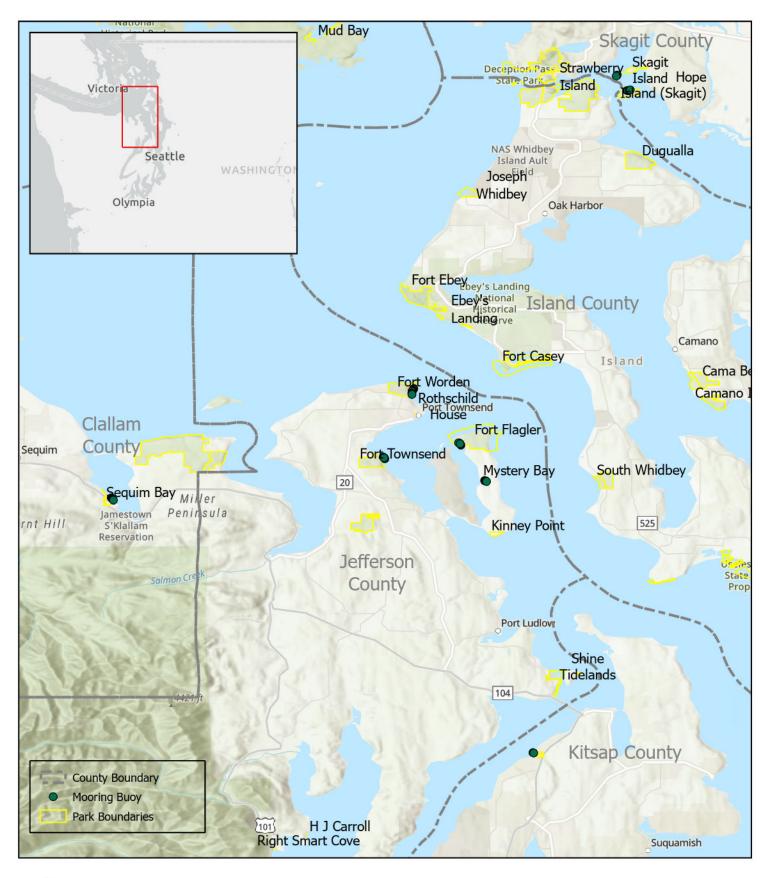


San Juan County Mooring Buoy Overview Map



0 7 14 Miles

NAD83 HARN Washington State Plane South Data in these maps were compiled for cartographic purposes. Due to the variability of the source information, the Washington State Parks & Recreation Commission cannot accept responsibility for errors or omissions, and, therefore, there are no warranties which accompany this material.

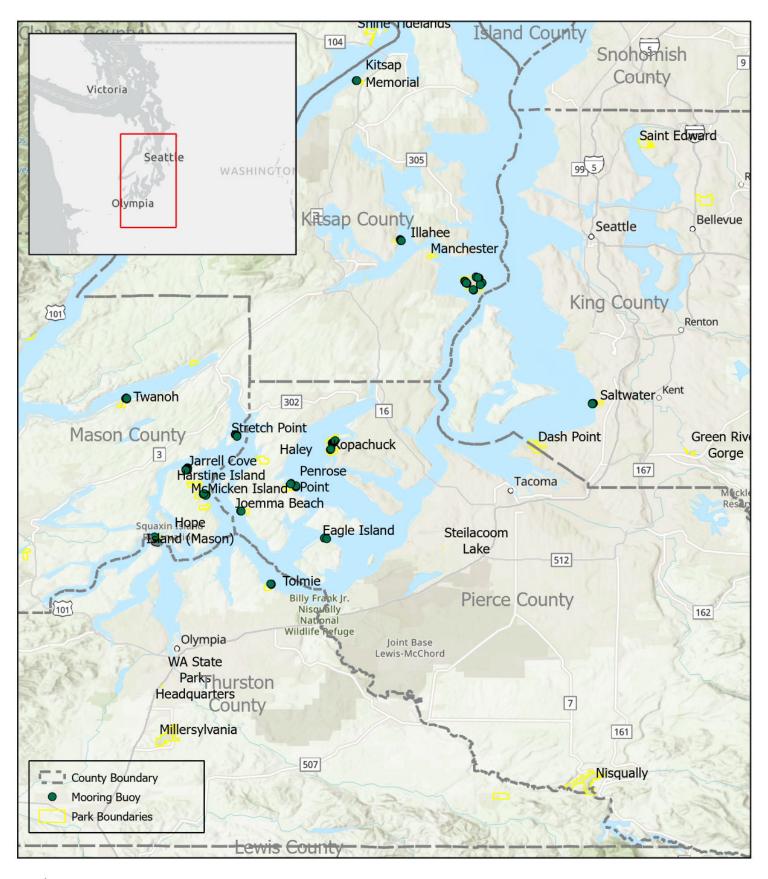




Skagit, Clallam, Island, Jefferson and Kitsap County Mooring Buoy Overview Map



NAD83 HARN Washington State Plane South Data in these maps were compiled for cartographic purposes. Due to the variability of the source information, the Washington State Parks & Recreation Commission cannot accept responsibility for errors or omissions, and, therefore, there are no warranties which accompany this material.





Kitsap, King, Pierce, Mason and Thurston County Mooring Buoy Overview Map

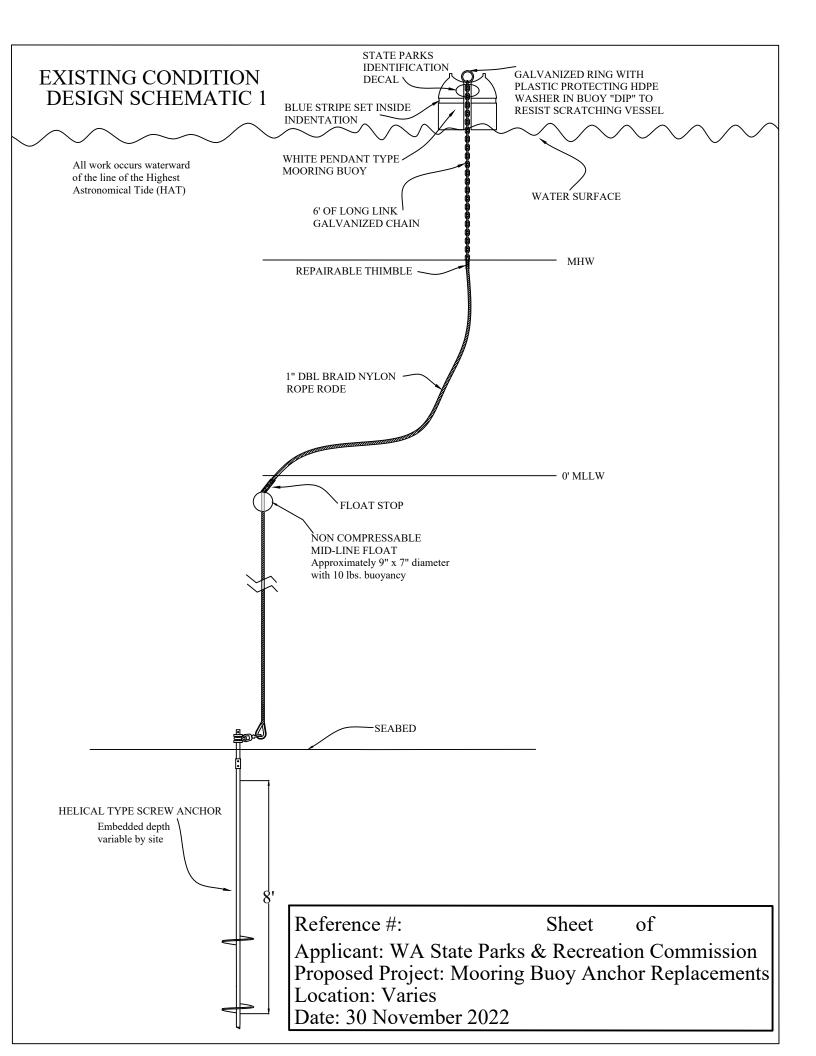


0 13 26 Miles

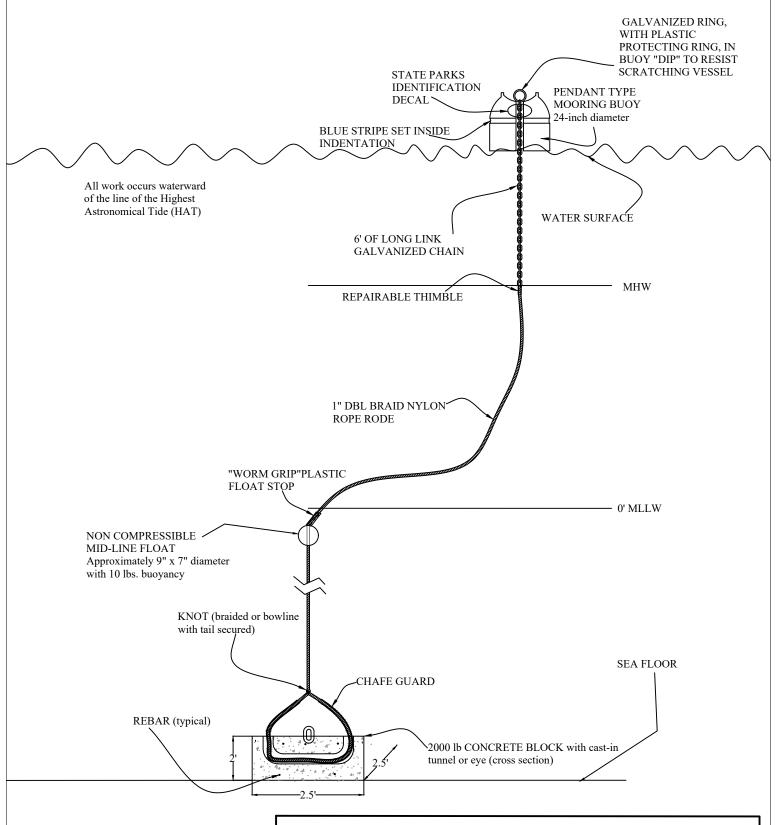
NAD83 HARN Washington State Plane South Data in these maps were compiled for cartographic purposes. Due to the variability of the source information, the Washington State Parks & Recreation Commission cannot accept responsibility for errors or omissions, and, therefore, there are no warranties which accompany this material.

## Attachment B -

Design of existing and proposed mooring buoys



# **EXISTING CONDITION DESIGN SCHEMATIC 2**

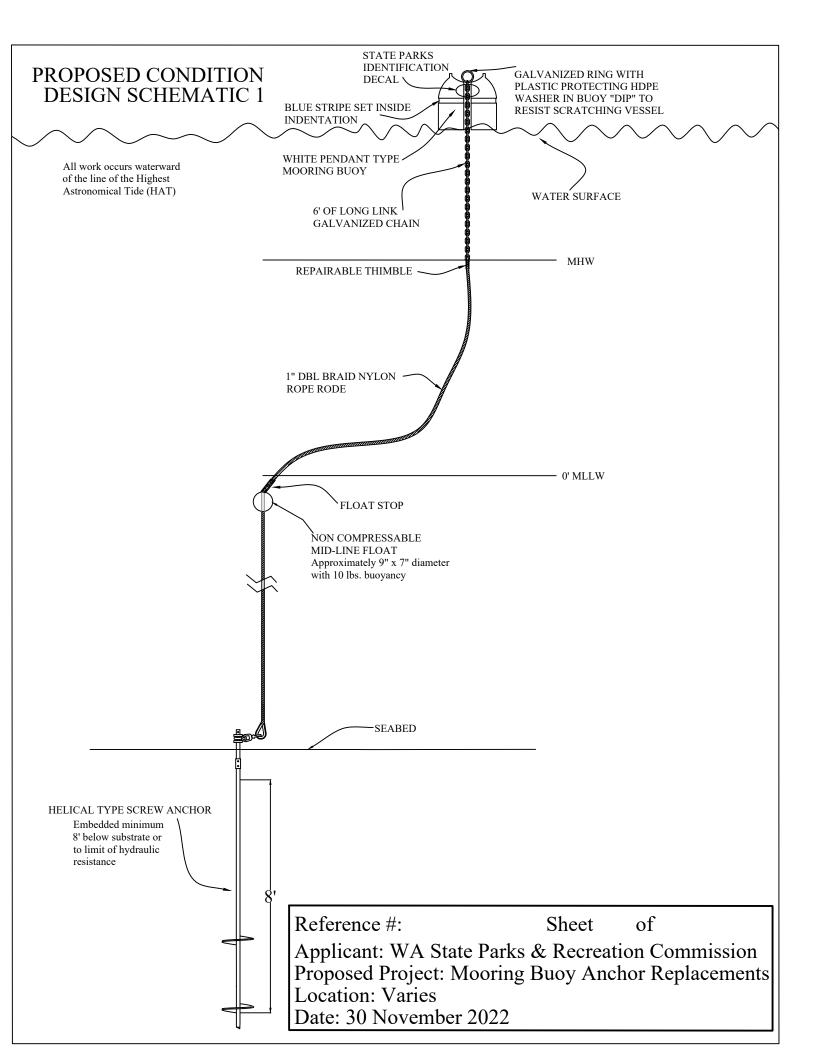


Reference #: Sheet of

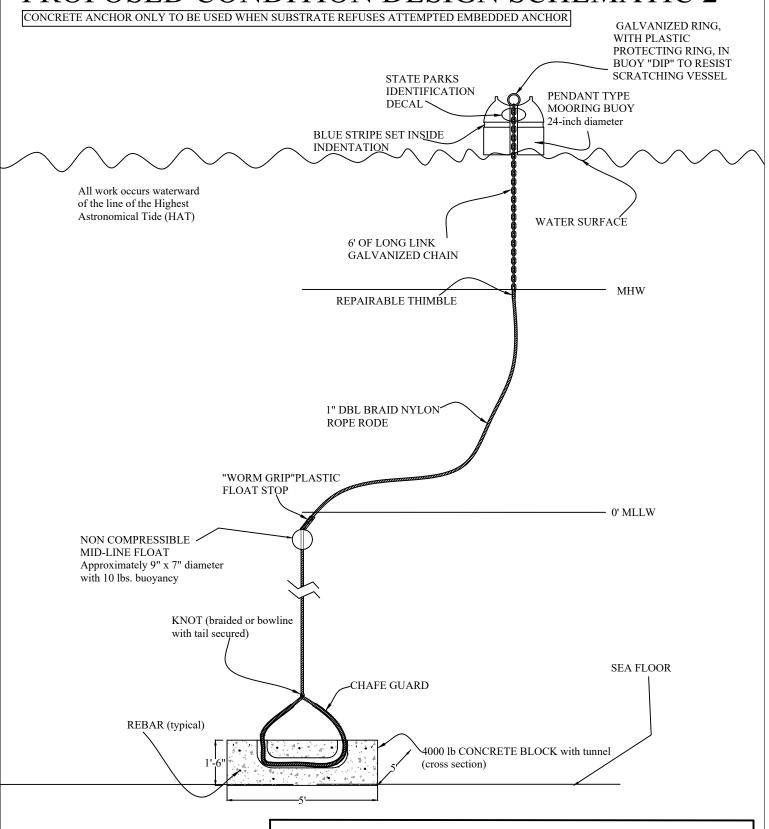
Applicant: WA State Parks & Recreation Commission Proposed Project: Mooring Buoy Anchor Replacements

Location: Varies

Date: 30 November 2022



# PROPOSED CONDITION DESIGN SCHEMATIC 2



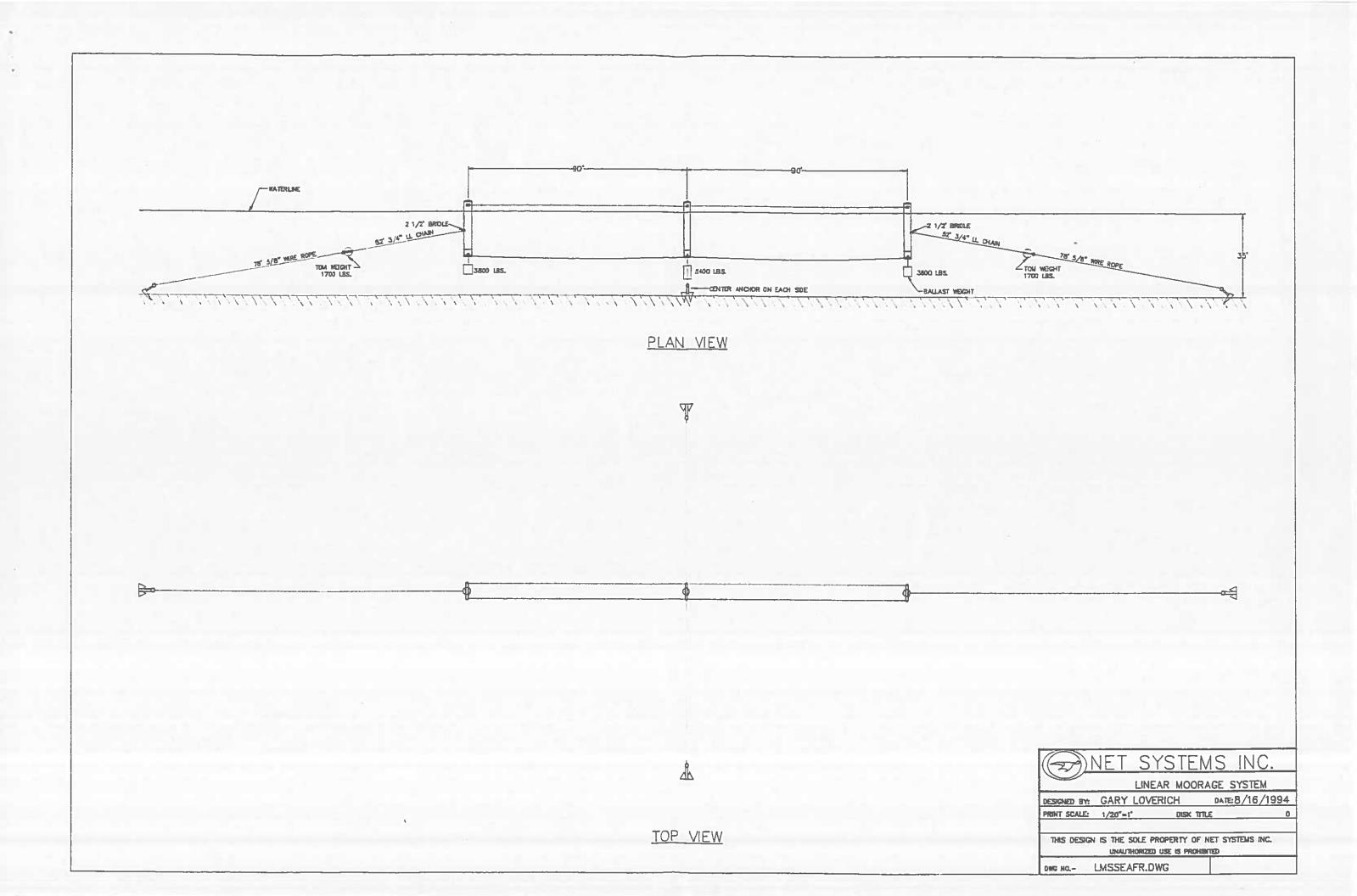
Reference #: Sheet of

Applicant: WA State Parks & Recreation Commission Proposed Project: Mooring Buoy Anchor Replacements

Location: Varies

Date: 30 November 2022

# Attachment C – Linear moorage design



## Attachment D -

Location of buoys, anchor type and substrate conditions

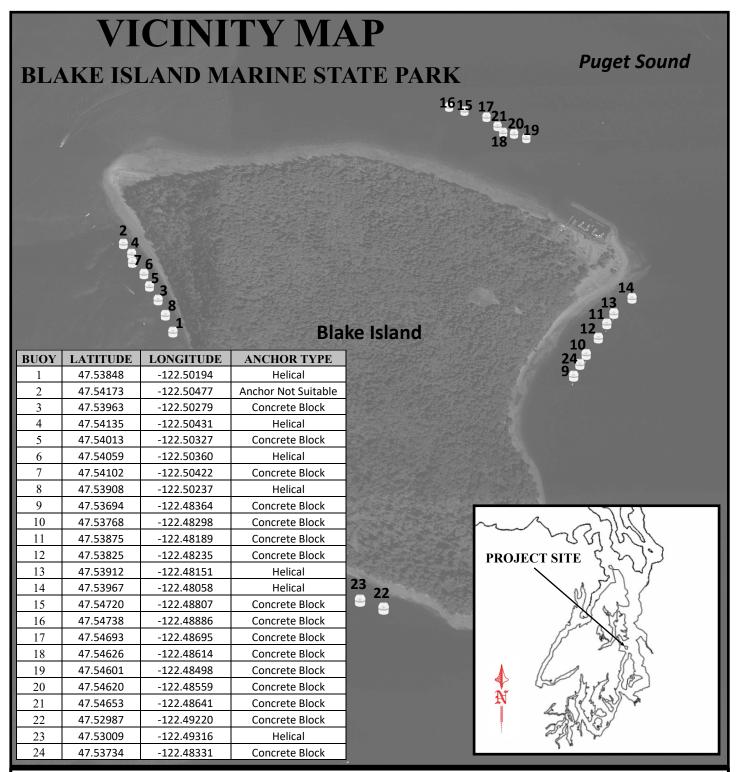
State Parks Region	State Parks Area	County	Park	Buoy Number	Latitude	Longitude	Anchor Type	Substrate Composition
Southwest	Mid Sound	Kitsap	Blake	1	47.538480	-122.50194	Helical	sandy mud with cobble
Southwest	Mid Sound	Kitsap	Blake	2	47.541730	-122.50477	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	3	47.539630	-122.50279	Concrete Block	sandy mud
Southwest Southwest	Mid Sound Mid Sound	Kitsap	Blake Blake	5	47.541350 47.540130	-122.50431 -122.50327	Helical Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap Kitsap	Blake	6 6	47.540130	-122.50327	Helical	sandy mud sandy mud
Southwest	Mid Sound	Kitsap	Blake	7	47.541020	-122.50422	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	8	47.539080	-122.50237	Helical	shelly mud
Southwest	Mid Sound	Kitsap	Blake	9	47.536940	-122.48364	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	10	47.537680	-122.48298	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	11	47.538750	-122.48189	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	12	47.538250	-122.48235	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	13	47.539120	-122.48151	Helical	sandy mud
Southwest Southwest	Mid Sound Mid Sound	Kitsap Kitsap	Blake Blake	14 15	47.539670 47.547200	-122.48058 -122.48807	Helical Concrete Block	sandy mud sandy mud
Southwest	Mid Sound	Kitsap	Blake	16	47.547200	-122.48886	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	17	47.546930	-122.48695	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	18	47.546260	-122.48614	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	19	47.546010	-122.48498	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	20	47.546200	-122.48559	Concrete Block	sandy mud
Southwest	Mid Sound	Kitsap	Blake	21	47.546530	-122.48641	Concrete Block	sandy mud with rock
Southwest	Mid Sound	Kitsap	Blake	22	47.529870	-122.49220	Concrete Block	gravelly mud with rock
Southwest	Mid Sound	Kitsap	Blake	23	47.530090	-122.49316	Helical	sandy mud with cobble
Southwest	Mid Sound	Kitsap	Blake Blind	24	47.537340 48.584613	-122.48331 -122.93868	Concrete Block	shelly mud
Northwest Northwest	San Juans San Juans	San Juan San Juan	Blind	2	48.584005	-122.93836	Concrete Block Anchor Not Suitable	shelly mud shelly mud
Northwest	San Juans	San Juan	Blind	3	48.583917	-122.93788	Concrete Block	shelly mud with cobble
Northwest	San Juans	San Juan	Blind	4	48.584010	-122.93711	Concrete Block	mud
Northwest	San Juans	San Juan	Clark	1	48.699209	-122.76214	Concrete Block	Mud
Northwest	San Juans	San Juan	Clark	2	48.698726	-122.76221	Concrete Block	Mud
Northwest	San Juans	San Juan	Clark	3	48.698376	-122.76170	Concrete Block	Mud
Northwest	San Juans	San Juan	Clark	4	48.698160	-122.76141	Concrete Block	Mud
Northwest	San Juans	San Juan	Clark	5	48.697826	-122.76087	Helical	shelly sand with cobble
Northwest Northwest	San Juans San Juans	San Juan San Juan	Clark Clark	6 7	48.699001 48.697528	-122.76143 -122.76508	Concrete Block Concrete Block	Mud Mud
Northwest	San Juans	San Juan	Clark	8	48.698085	-122.76527	Concrete Block	mud with cobble
Northwest	San Juans	San Juan	Clark	9	48.698791	-122.76559	Concrete Block	mud with cobble
Southwest	South Sound	Pierce	Cutts	1	47.318890	-122.68694	Anchor Not Found	mud
Southwest	South Sound	Pierce	Cutts	2	47.319150	-122.68654	Helical	mud
Southwest	South Sound	Pierce	Cutts	3	47.319650	-122.68583	Concrete Block	mud
Southwest	South Sound	Pierce	Cutts	4	47.319960	-122.68541	Concrete Block	mud
Southwest	South Sound	Pierce	Cutts	5	47.320340	-122.68502	Concrete Block	mud
Southwest Southwest	South Sound South Sound	Pierce Pierce	Cutts Cutts	6 7	47.320600 47.321130	-122.68475 -122.68412	Concrete Block Concrete Block	mud
Southwest	South Sound	Pierce	Cutts	8	47.321130	-122.68355	Concrete Block	mud mud
Southwest	South Sound	Pierce	Cutts	9	47.321950	-122.68301	Concrete Block	mud
Southwest	South Sound	Pierce	Eagle	1	47.187540	-122.69823	Concrete Block	mud with cobble
Southwest	South Sound	Pierce	Eagle	2	47.188120	-122.69790	Concrete Block	mud with cobble
Southwest	South Sound	Pierce	Eagle	3	47.188110	-122.69426	Concrete Block	gravelly mud with cobble
Southwest	Peninsula	Jefferson	Fort Flagler	1	48.090920	-122.71882	Helical	sandy mud with rock
Southwest	Peninsula	Jefferson	Fort Flagler	2	48.090680	-122.71855	Helical	shelly sand with rock
Southwest Southwest	Peninsula Peninsula	Jefferson Jefferson	Fort Flagler Fort Flagler	3 4	48.090380 48.091070	-122.71824 -122.71943	Helical Helical	sandy mud with 0-2" rock shelly sand with cobble
Southwest	Peninsula	Jefferson	Fort Flagler Fort Flagler	5	48.091070	-122.71943 -122.71744	Concrete Block	sandy mud with cobble
Southwest	Peninsula	Jefferson	Fort Flagler	6	48.089890	-122.71776	Helical	sandy mud with cobble
Southwest	Peninsula	Jefferson	Fort Flagler	7	48.090220	-122.71807	Helical	shelly sand with cobble
Southwest	Peninsula	Jefferson	Fort Townsend	1	48.078420	-122.78517	Anchor Not Found	mud
Southwest	Peninsula	Jefferson	Fort Townsend	2	48.077950	-122.78490	Concrete Block	mud
Southwest	Peninsula	Jefferson	Fort Townsend	3	48.077410	-122.78459	Concrete Block	mud
Southwest	Peninsula	Jefferson	Fort Townsend	4	48.077020	-122.78447	Concrete Block	mud
Southwest	Peninsula Peninsula	Jefferson	Fort Worden	1	48.138970	-122.75891	Concrete Block	sandy mud
Southwest Southwest	Peninsula Peninsula	Jefferson Jefferson	Fort Worden Fort Worden	3	48.138330 48.137460	-122.75911 -122.75988	Concrete Block Concrete Block	mud shelly mud
Southwest	Peninsula	Jefferson	Fort Worden	4	48.137460	-122.76025	Helical	shelly mud
Southwest	Peninsula	Jefferson	Fort Worden	5	48.136520	-122.76040	Concrete Block	shelly mud
Southwest	Peninsula	Jefferson	Fort Worden	6	48.135030	-122.76049	Concrete Block	mud
Southwest	Peninsula	Jefferson	Fort Worden	7	48.134500	-122.76066	Concrete Block	mud
Southwest	Peninsula	Jefferson	Fort Worden	8	48.133740	-122.76055	Concrete Block	mud
Northwest	Skagit	Skagit	Hope- North	1	48.401585	-122.57096	Concrete Block	mud

State Parks Region	State Parks Area	County	Park	Buoy Number	Latitude	Longitude	Anchor Type	Substrate Composition
Northwest	Skagit	Skagit	Hope- North	2	48.401634	-122.57047	Helical	mud
Northwest	Skagit	Skagit	Hope- North	3	48.401820	-122.56899	Concrete Block	mud
Northwest	Skagit	Skagit	Hope- North	4	48.402173	-122.56809	Concrete Block	mud
Southwest	South Sound	Mason	Hope- South	1	47.182670	-122.93128	Concrete Block	sandy mud with cobble
Southwest	South Sound	Mason	Hope- South	2	47.182450	-122.92757	Concrete Block	sandy mud with cobble
Southwest	South Sound	Mason	Hope- South	3	47.188560	-122.93213	Concrete Block	gravelly mud
Southwest Southwest	South Sound South Sound	Mason Mason	Hope- South Hope- South	4 5	47.189450 47.190750	-122.93072 -122.92974	Concrete Block Concrete Block	gravelly mud
Southwest	South Sound	Kitsap	Ilahee	1	47.190730	-122.59344	Helical	gravelly mud mud with cobble
Southwest	South Sound	Kitsap	Ilahee	2	47.598620	-122.59284	Concrete Block	shelly mud with cobble
Southwest	South Sound	Kitsap	Ilahee	3	47.598180	-122.59275	Concrete Block	mud
Southwest	South Sound	Kitsap	llahee	4	47.597650	-122.59246	Helical	sandy mud
Southwest	South Sound	Kitsap	llahee	5	47.597280	-122.59228	Helical	sandy mud
Northwest	San Juans	San Juan	James	1	48.512830	-122.77319	Concrete Block	Shelly mud
Northwest	San Juans	San Juan	James	2	48.513084	-122.77350	Concrete Block	mud with gravel
Northwest	San Juans	San Juan	James	3	48.513390	-122.77371	Concrete Block	mud with gravel
Northwest	San Juans	San Juan	James	4	48.513568	-122.77418	Concrete Block	mud with cobble
Northwest	San Juans	San Juan	James	Marker Buoy	48.512557	-122.77705	Concrete Block	rock
Southwest	South Sound	Mason	Jarrell	1	47.284800	-122.88604	Helical	mud
Southwest Southwest	South Sound South Sound	Mason Mason	Jarrell Jarrell	3	47.283720 47.283400	-122.88643 -122.88672	Helical Helical	mud mud
Southwest	South Sound	Mason	Jarrell	4	47.283110	-122.88739	Helical	mud
Southwest	South Sound	Mason	Jarrell	5	47.282820	-122.88757	Helical	mud
Southwest	South Sound	Mason	Jarrell	6	47.282390	-122.88835	Helical	mud
Southwest	South Sound	Mason	Jarrell	7	47.282830	-122.88834	Helical	mud
Southwest	South Sound	Mason	Jarrell	8	47.281310	-122.88889	Helical	mud
Southwest	South Sound	Mason	Jarrell	9	47.281450	-122.88917	Helical	mud
Southwest	South Sound	Mason	Jarrell	10	47.281390	-122.88667	Anchor Not Found	mud
Southwest	South Sound	Mason	Jarrell	11	47.281960	-122.88817	Helical	mud
Southwest	South Sound	Mason	Jarrell	12	47.282000	-122.88866	Helical	mud
Southwest	South Sound	Mason	Jarrell	13	47.281730	-122.88886	Helical	mud
Southwest Southwest	South Sound South Sound	Mason Pierce	Jarrell Joemma	14 1	47.281630 47.224790	-122.88835 -122.81260	Helical Concrete Block	mud mud
Southwest	South Sound	Pierce	Joemma	2	47.224790	-122.81294	Concrete Block	mud
Southwest	South Sound	Pierce	Joemma	3	47.225360	-122.81245	Concrete Block	mud
Southwest	South Sound	Pierce	Joemma	4	47.225060	-122.81213	Concrete Block	mud
Southwest	South Sound	Pierce	Joemma	5	47.224800	-122.81210	Concrete Block	mud
Northwest	San Juans	San Juan	Jones	1	48.618203	-123.04697	Helical	Mud
Northwest	San Juans	San Juan	Jones	2	48.617977	-123.04626	Concrete Block	Mud
Northwest	San Juans	San Juan	Jones	3	48.618141	-123.04559	Helical	Mud
Northwest	San Juans	San Juan	Jones	4	48.618329	-123.04642	Helical	Mud
Northwest	San Juans	San Juan	Jones	5	48.611735	-123.04490	Concrete Block	Mud
Northwest	San Juans	San Juan	Jones	6	48.611516	-123.04525	Concrete Block	Mud
Northwest Southwest	San Juans Hood Canal	San Juan Kitsap	Jones Kitsap Memorial	7	48.611305 47.818000	-123.04248 -122.65388	Concrete Block Helical	Mud Mud
Southwest	Hood Canal	Kitsap	Kitsap Memorial	2	47.818000	-122.65391	Concrete Block	Mud
Southwest	South Sound	Pierce	Kopachuck	1	47.310120	-122.68973	Helical	mud
Southwest	South Sound	Pierce	Kopachuck	2	47.310940	-122.68902	Helical	mud
Northwest	San Juans	San Juan	Matia	1	48.748583	-122.84445	Concrete Block	shelly sand
Northwest	San Juans	San Juan	Matia	2	48.748396	-122.84341	Concrete Block	shelly sand
Southwest	South Sound	Mason	McMicken	1	47.248190	-122.86504	Concrete Block	sandy mud
Southwest	South Sound	Mason	McMicken	2	47.249620	-122.86338	Concrete Block	sandy mud
Southwest	South Sound	Mason	McMicken	3	47.247390	-122.86065	Concrete Block	sandy mud
Southwest	South Sound	Mason	McMicken	4	47.246650	-122.86134	Concrete Block	sandy mud
Southwest	South Sound	Mason	McMicken	5	47.248870	-122.86410	Concrete Block	sandy mud
Southwest	Peninsula	Jefferson	Mystery Bay	1	48.057820	-122.69650	Helical	mud
Southwest Southwest	Peninsula Peninsula	Jefferson Jefferson	Mystery Bay Mystery Bay	3	48.057670 48.057600	-122.69604 -122.69552	Helical Helical	mud mud
Southwest	Peninsula	Jefferson	Mystery Bay	4	48.057800	-122.69508	Helical	mud
Southwest	Peninsula	Jefferson	Mystery Bay	5	48.057350	-122.69609	Helical	mud
Southwest	Peninsula	Jefferson	Mystery Bay	6	48.057250	-122.69550	Helical	mud
Southwest	Peninsula	Jefferson	Mystery Bay	7	48.057030	-122.69484	Helical	mud
Northwest	San Juans	San Juan	Obstruction	1	48.600973	-122.82770	Concrete Block	mud
Northwest	San Juans	San Juan	Obstruction	2	48.601093	-122.82819	Concrete Block	mud
Northwest	San Juans	San Juan	Obstruction	3	48.601067	-122.82877	Concrete Block	mud
Northwest	San Juans	San Juan	Patos	1	48.785357	-122.96717	Concrete Block	mud
Northwest	San Juans	San Juan	Patos	2	48.785153	-122.96643	Concrete Block	sandy gravel
Southwest	South Sound	Pierce	Penrose	1	47.256780	-122.73748	Anchor Not Found	sandy mud with 0-2" rock
Southwest	South Sound	Pierce	Penrose	2	47.258550	-122.73704	Concrete Block	mud

State Parks Region	State Parks Area	County	Park	Buoy Number	Latitude	Longitude	Anchor Type	Substrate Composition
Southwest	South Sound	Pierce	Penrose	3	47.259010	-122.73694	Concrete Block	mud
Southwest	South Sound	Pierce	Penrose	4	47.259790	-122.73669	Concrete Block	mud
Southwest	South Sound	Pierce	Penrose	5	47.260250	-122.73667	Helical	mud
Southwest	South Sound	Pierce	Penrose	6	47.263570	-122.74353	Concrete Block	mud
Southwest	South Sound	Pierce	Penrose	7	47.263480	-122.74403	Concrete Block	mud
Southwest	South Sound	Pierce	Penrose	8	47.262860	-122.74453	Concrete Block	mud
Southwest	Hood Canal	Mason	Potlach	1	47.359570	-123.15666	Helical	Sandy mud
Southwest	Hood Canal	Mason	Potlach	2	47.359820	-123.15566	Helical	Mud
Southwest	Hood Canal	Mason	Potlach	3	47.360130	-123.15481	Helical	Mud
Southwest Southwest	Hood Canal Hood Canal	Mason Mason	Potlach Potlach	4 5	47.360640 47.361070	-123.15429 -123.15413	Helical Helical	Sandy mud Mud
Northwest	South Sound	King	Saltwater	1	47.373000	-123.13413	Helical	sandy mud with cobble
Northwest	South Sound	King	Saltwater	2	47.373200	-122.32830	Helical	sandy mud with cobble
Northwest	South Sound	King	Saltwater	3-Diver Marker	47.373700	-122.32750	Concrete Block	sandy mud with cobble
Northwest	South Sound	King	Saltwater	4-Diver Marker	47.372400	-122.32790	Concrete Block	sandy mud with cobble
Northwest	South Sound	King	Saltwater	5-Diver Marker	47.373800	-122.32890	Concrete Block	sandy mud with cobble
Northwest	South Sound	King	Saltwater	6-Diver Marker	47.372600	-122.32930	Concrete Block	sandy mud with cobble
Southwest	Peninsula	Clallam	Sequim Bay	1	48.042570	-123.02564	Helical	shelly mud
Southwest	Peninsula	Clallam	Sequim Bay	2	48.042180	-123.02523	Helical	mud
Southwest	Peninsula	Clallam	Sequim Bay	3	48.041820	-123.02483	Helical	mud
Southwest	Peninsula	Clallam	Sequim Bay	4	48.041340	-123.02441	Concrete Block	mud
Southwest Southwest	Peninsula Peninsula	Clallam Clallam	Sequim Bay Sequim Bay	5 6	48.040930 48.040500	-123.02411 -123.02370	Helical Helical	mud mud
Northwest	Skagit	Skagit	Skagit	1	48.415244	-122.57960	Concrete Block	mud
Northwest	Skagit	Skagit	Skagit	2	48.414408	-122.58043	Helical	mud
Northwest	San Juans	San Juan	Spencer Spit	1	48.533894	-122.85657	Concrete Block	mud
Northwest	San Juans	San Juan	Spencer Spit	2	48.534015	-122.85603	Concrete Block	mud
Northwest	San Juans	San Juan	Spencer Spit	3	48.534134	-122.85550	Concrete Block	mud
Northwest	San Juans	San Juan	Spencer Spit	4	48.534131	-122.85482	Concrete Block	mud
Northwest	San Juans	San Juan	Spencer Spit	5	48.538333	-122.85278	Helical	mud
Northwest	San Juans	San Juan	Spencer Spit	6	48.538691	-122.85376	Concrete Block	mud
Northwest	San Juans	San Juan	Spencer Spit	7	48.538960	-122.85431	Concrete Block	mud
Northwest	San Juans	San Juan	Spencer Spit	8	48.539581	-122.85620	Concrete Block	mud
Northwest Northwest	San Juans San Juans	San Juan San Juan	Spencer Spit Spencer Spit	9 10	48.539532 48.539947	-122.85527 -122.85670	Concrete Block Concrete Block	mud mud
Northwest	San Juans	San Juan	Spencer Spit	11	48.540169	-122.85621	Anchor Not Found	mud
Northwest	San Juans	San Juan	Spencer Spit	12	48.540753	-122.85692	Anchor Not Found	mud
Southwest	South Sound	Kitsap	Stretch	1	47.330260	-122.82070	Concrete Block	Shelly mud
Southwest	South Sound	Kitsap	Stretch	2	47.330330	-122.81994	Concrete Block	Shelly mud
Southwest	South Sound	Kitsap	Stretch	3	47.329600	-122.81846	Concrete Block	Mud
Southwest	South Sound	Kitsap	Stretch	4	47.328880	-122.81828	Concrete Block	Mud
Southwest	South Sound	Kitsap	Stretch	5	47.328260	-122.81805	Concrete Block	Mud
Northwest	San Juans	San Juan	Stuart - Prevost Harbor	Linear Moorage	48.679214	-123.19629	Embedded	Mud
Northwest	San Juans	San Juan	Stuart - Reid Harbor	Linear Moorage	48.672734	-123.19643	Embedded	Mud
Northwest	San Juans	San Juan	Stuart- Prevost	1	48.678932	-123.19963	Concrete Block	Mud
Northwest	San Juans	San Juan	Stuart- Prevost	2	48.678551	-123.19888	Helical	Mud
Northwest	San Juans	San Juan	Stuart- Prevost	3	48.678301	-123.19819	Helical	Mud
Northwest	San Juans	San Juan	Stuart- Prevost	4	48.678058	-123.19744	Helical	Mud
Northwest	San Juans	San Juan	Stuart- Prevost	5	48.677986	-123.19700	Helical	Mud
Northwest	San Juans	San Juan	Stuart- Prevost	6	48.677779		Concrete Block	Mud
Northwest	San Juans	San Juan	Stuart- Prevost	7	48.677641	-123.19593	Helical	Mud
Northwest	San Juans	San Juan	Stuart Roid Harbor	1	48.674603	-123.20178	Concrete Block	mud
Northwest	San Juans San Juans	San Juan	Stuart- Reid Harbor Stuart- Reid Harbor	3	48.675000 48.674771	-123.20111 -123.20025	Concrete Block Anchor Not Found	mud
Northwest Northwest	San Juans San Juans	San Juan San Juan	Stuart- Reid Harbor	4	48.674771	-123.20025 -123.19937	Helical	mud mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	5	48.674161	-123.19852	Helical	mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	6	48.673987	-123.19797	Helical	mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	7	48.673611	-123.19694	Concrete Block	mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	8	48.674327	-123.20061	Helical	mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	9	48.674082	-123.19990	Helical	mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	10	48.673792	-123.19916	Helical	mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	11	48.673639	-123.19863	Helical	mud
Northwest	San Juans	San Juan	Stuart- Reid Harbor	12	48.673284	-123.19739	Helical	mud
Northwest	San Juans	San Juan	Sucia- Echo	1	48.760482	-122.90851	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	2	48.760880	-122.90869	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	3	48.761341	-122.90900	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	4	48.761850	-122.90880	Helical	Mud

State Parks Region	State Parks Area	County	Park	Buoy Number	Latitude	Longitude	Anchor Type	Substrate Composition
Northwest	San Juans	San Juan	Sucia- Echo	5	48.762341	-122.90861	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	6	48.762805	-122.90817	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	7	48.763283	-122.90791	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	8	48.763642	-122.90733	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	9	48.764051	-122.90662	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	10	48.764353	-122.90623	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	11	48.764876	-122.90481	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Echo	12	48.764919	-122.90389	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	13	48.764636	-122.90250	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Echo	14	48.764358	-122.90137	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Echo	Linear Moorage  1 Linear Moorage	48.759947	-122.90589	Embedded	Mud
Northwest	San Juans	San Juan	Sucia- Echo	2	48.759969	-122.90733	Embedded	Mud
Northwest	San Juans	San Juan	Sucia- Ewing	1	48.765140	-122.88556	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Ewing	2	48.764790	-122.88487	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Ewing	3	48.764650	-122.88414	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Ewing	4	48.764430	-122.88358	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	1	48.749130	-122.89800	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	2	48.749690	-122.89779	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	3	48.748930	-122.89610	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	4	48.749430	-122.89863	Anchor Not Found	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	5	48.749910	-122.89862	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	6	48.749700	-122.89941	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	7	48.750270	-122.89941	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	8	48.749910	-122.89999	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	9	48.750490	-122.90001	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	10	48.750210	-122.90077	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	11	48.750780	-122.90087	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	12	48.750470	-122.90168	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	13	48.751150	-122.90180	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	14	48.750690	-122.90237	Anchor Not Found	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	15	48.751450	-122.90259	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	16	48.751110	-122.90389	Anchor Not Found	Mud
Northwest	San Juans	San Juan	Sucia- Fossil	17	48.749330	-122.89684	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Fox	1	48.753597	-122.91301	Concrete Block	sandy mud with cobble
Northwest	San Juans	San Juan	Sucia- Fox	2	48.752980	-122.91317	Concrete Block	shelly mud
Northwest	San Juans	San Juan	Sucia- Fox	3	48.752393	-122.91239	Helical	shelly mud
Northwest	San Juans	San Juan	Sucia- Fox	4	48.752393	-122.91239	Helical	sandy mud with cobble
Northwest	San Juans	San Juan	Sucia- Shallow	1	48.762780	-122.91694	Anchor Not Found	Mud
Northwest	San Juans	San Juan	Sucia- Shallow	2	48.762280	-122.91697	Anchor Not Found	Mud
Northwest	San Juans	San Juan	Sucia- Shallow	3	48.762970	-122.91687	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Shallow	4	48.763440	-122.91668	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Shallow	5	48.763777	-122.91655	Concrete Block	Mud
Northwest	San Juans	San Juan	Sucia- Shallow	6	48.763100	-122.91800	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Shallow	7	48.763520	-122.91774	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Shallow	8	48.764020	-122.91750	Helical	Mud
Northwest	San Juans	San Juan	Sucia- Snoring	2	48.748551	-122.89009	Helical	Mud
Northwest Southwest	San Juans South Sound	San Juan Thurston	Sucia- Snoring Tolmie	2	48.748850 47.125000	-122.89074 -122.77130	Helical Concrete Block	Mud sandy mud
Southwest	South Sound	Thurston	Tollmie	2	47.125000	-122.77130	Concrete Block	sandy mud
Southwest	South Sound	Thurston	Tolmie	3	47.124510		Concrete Block	sandy mud
Southwest	South Sound	Thurston	Tolmie	4	47.124270	-122.77132	Concrete Block	sandy mud
Southwest	South Sound	Thurston	Tolmie	5	47.124700	-122.77157	Concrete Block	sandy mud
Northwest	San Juans	San Juan	Turn	1	48.533431	-122.97471	Concrete Block	gravelly mud with cobble
Northwest	San Juans	San Juan	Turn	2	48.533684	-122.97442	Concrete Block	gravelly mud with cobble
Northwest	San Juans	San Juan	Turn	3	48.533933	-122.97413	Concrete Block	gravelly mud with rock
Southwest	Hood Canal	Mason	Twanoh	1	47.379550	-122.97000	Helical	Mud
Southwest	Hood Canal	Mason	Twanoh	2	47.380340	-122.97132	Helical	Sandy Mud
Southwest	Hood Canal	Mason	Twanoh	3	47.380280	-122.97084	Helical	Sandy Mud
Southwest	Hood Canal	Mason	Twanoh	4	47.380030	-122.97062	Helical	Sandy Mud
Southwest	Hood Canal	Mason	Twanoh	5	47.380800	-122.97073	Helical	mud with gravel
Southwest	Hood Canal	Mason	Twanoh	6	47.380450	-122.97008	Helical	mud with gravel
Southwest	Hood Canal	Mason	Twanoh	7	47.379990	-122.97014	Helical	Sandy Mud

# **Attachment E – Vicinity maps**



**APPLICANT:** 

**REFERENCE:** 

Washington State Parks and **Recreation Commission** 

ADJACENT PROPERTY OWNERS:

1. Gustavson Michael A & Joan E TPN: 022302-1-020-2009

2. Clarke James & Nancy TPN: 022302-1-021-2008 LOCATION:

Blake Island, Washington

TPN: 252402-3-002-2009

Sect: 25 T: 24N **R**: 2E

LAT/LONG: Listed by buoy number

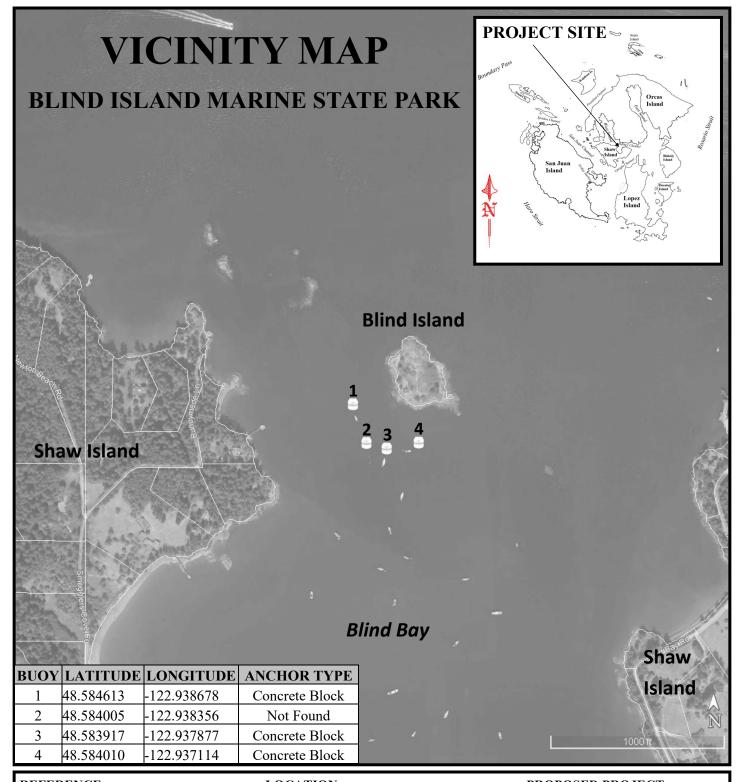
PAGE \_\_\_ OF \_\_\_ **DATE:**  PROPOSED PROJECT:

Existing Mooring Buoys (24)

IN: Puget Sound

AT/NEAR: Manchester

**COUNTY:** Kitsap



REFERENCE: \_\_\_\_\_ LOCATION: PROPOSED PROJECT:

APPLICANT: Blind Island State Park Existing Mooring Buoys (4)

TPN: 262721001000

Washington State Parks and

Recreation Commission

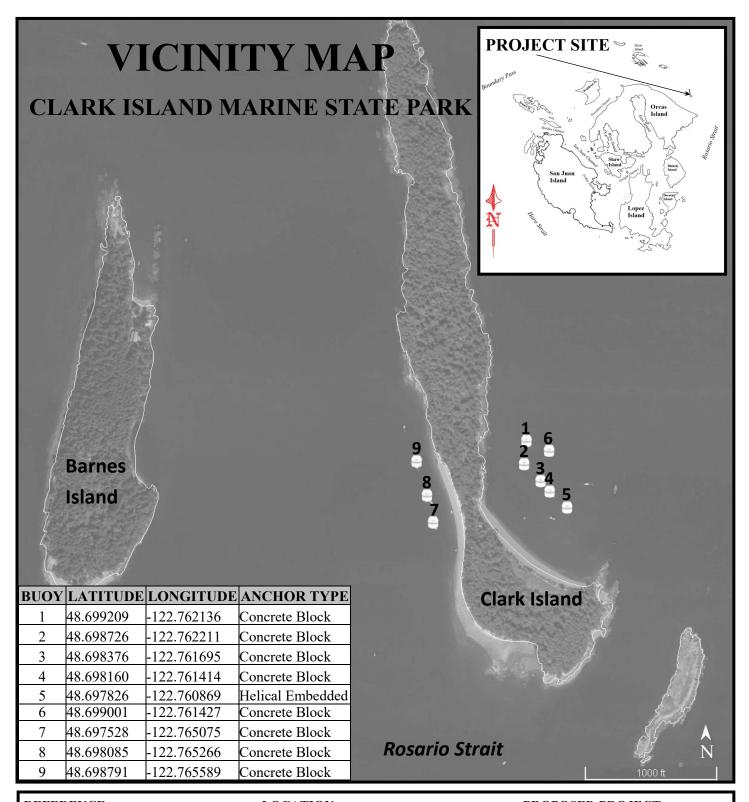
Sect: 27 T: 36N R: 2W

IN: Blind Bay

ADJACENT PROPERTY OWNERS: Last by buoy number AT/NEAR: East sound, Orcas Island

COUNTY: San Juan County

N/A PAGE \_\_\_ OF \_\_\_ DATE: 11/30/2022 STATE: WA



PROPOSED PROJECT: **REFERENCE:** LOCATION: Clark Island State Park Existing Mooring Buoys (9) **APPLICANT:** TPN: 171234001000 Washington State Parks and Sect: 12 T: 37N R: 1W Recreation Commission IN: Rosario Strait **LAT/LONG:** Listed by buoy number AT/NEAR: Eastsound, Orcas Island ADJACENT PROPERTY OWNERS: **COUNTY:** San Juan County N/A PAGE \_\_\_ OF \_\_\_ DATE: 11/30/2022 STATE: WA



### **CUTTS ISLAND MARINE STATE PARK**



BUOY	LATITUDE	LONGITUDE	ANCHOR TYPE
1	47.31889	-122.68694	Anchor Not Found
2	47.31915	-122.68654	Anchor Not Suitable
3	47.31965	-122.68583	Concrete Block
4	47.31996	-122.68541	Concrete Block
5	47.32034	-122.68502	Concrete Block
6	47.32060	-122.68475	Concrete Block
7	47.32113	-122.68412	Concrete Block
8	47.32148	-122.68355	Concrete Block
9	47.32195	-122.68301	Concrete Block

N

PROJECT SITE

**REFERENCE:** 

**APPLICANT:** 

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. Serven Scott K Ttee Of Scott K Serven

Trust

TPN: 0121094048 2. Rosedale Beach LLC TPN: 0121094023

#### LOCATION:

10310 Kopachuck Dr NW Gig Harbor, WA 98335

TPN: 0121093000

**Sect:** 09 **T:** 21 **R:** 01

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

#### PROPOSED PROJECT:

Existing Mooring Buoys (9)

IN: Carr Inlet

AT/NEAR: Rosedale

**COUNTY:** Pierce County



### EAGLE ISLAND MARINE STATE PARK



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	PROJ	ECT SITE
	$\Lambda$	
100	N	

BUOY	LATITUDE	LONGITUDE	ANCHOR TYPE
1	47.18754	-122.69823	Concrete Block
2	47.18777	-122.69800	Concrete Block
3	47.18811	-122.69426	Concrete Block

REFERENCE: \_

LOCATION:

PROPOSED PROJECT:

**APPLICANT:** 

Eagle Island

Existing Mooring Buoys (3)

Washington State Parks and

TPN: N/A

**Recreation Commission** 

**R:** N/A Sect: N/A **T:** N/A

LAT/LONG: Listed by buoy number

IN: Balch Passage

**ADJACENT PROPERTY OWNERS:** 

AT/NEAR: Between Anderson Is-

1. Bell Richard D Jr & Lee E TPN: 0120294004

land and McNeil Island

2. Johnson Sandra J TPN: 0120321007

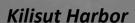
PAGE \_\_\_ OF \_\_\_ **DATE:** 

**COUNTY:** Pierce

# **VICINITY MAP**

## FORT FLAGLER HISTORICAL STATE PARK

Port Townsend Bay



BUOY	LATITUDE	LONGITUDE	ANCHOR TYPE
1	48.09092	-122.71882	Helical
2	48.09068	-122.71855	Helical
3	48.09038	-122.71824	Helical
4	48.09107	-122.71943	Helical
5	48.08903	-122.71744	Concrete Block
6	48.08989	-122.71776	Helical
7	48.09022	-122.71807	Helical



REFERENCE: \_\_

**LOCATION:** 

PROPOSED PROJECT:

Existing Mooring Buoys (7)

APPLICANT:

Washington State Parks and Recreation Commission

ADJACENT PROPERTY OWNERS:

1. Bruce J Kelley **TPN:** 021184003 2. Mark L Second **TPN:** 021201001

10541 Flagler Rd

Nordland, WA 98358 **TPN:** 021180000

**Sect:** 18 **T:** 30N **R:** 1E

LAT/LONG: Listed by buoy number

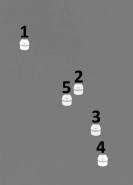
PAGE OF DATE:

IN: Kilisut Harbor

AT/NEAR: Port Townsend
COUNTY: Jefferson County

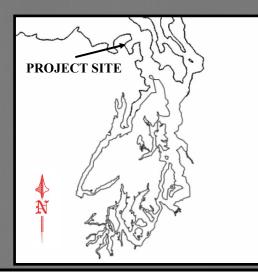


#### FORT TOWNSEND MARINE STATE PARK



**Port Townsend Bay** 

BUOY	LATITUDE	LONGITUDE	ANCHOR TYPE
1	48.07856	-122.78589	Anchor Not Found
2	48.07795	-122.78490	Concrete Block
3	48.07741	-122.78459	Concrete Block
4	48.07702	-122.78447	Concrete Block
5	48.0778	-122.7851	Helical



REFERENCE: \_\_

#### APPLICANT:

State Parks and Recreation Washington Commission

#### ADJACENT PROPERTY OWNERS:

1. Port Townsend Paper Corp

TPN: 001222001

2. Kala Point Owners Assoc

TPN: 965800016

#### **LOCATION:**

1370 Old Fort Townsend Rd Port Townsend, WA 98368

**TPN:** 001223002

**Sect:** 22 **T:** 30N **R:**1W

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

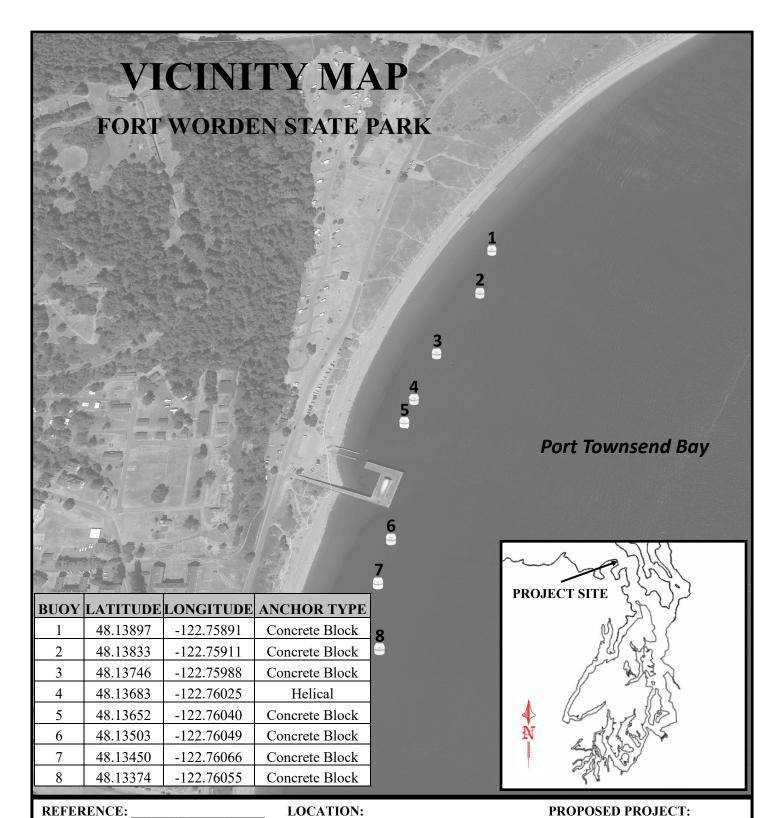
#### PROPOSED PROJECT:

Existing Mooring Buoys (5)

IN: Port Townsend Bay

AT/NEAR: Port Townsend

**COUNTY:** Jefferson



**APPLICANT:** 

Washington State Parks and **Recreation Commission** 

#### **ADJACENT PROPERTY OWNERS:**

1. United States Lighthouse

**TPN:** 101250000 2. Jefferson County **TPN: 23698** 

#### LOCATION:

200 Battery Way

Port Townsend, WA 98368

TPN: 101351001

**Sect:** 35 T: 31N R: 1W

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

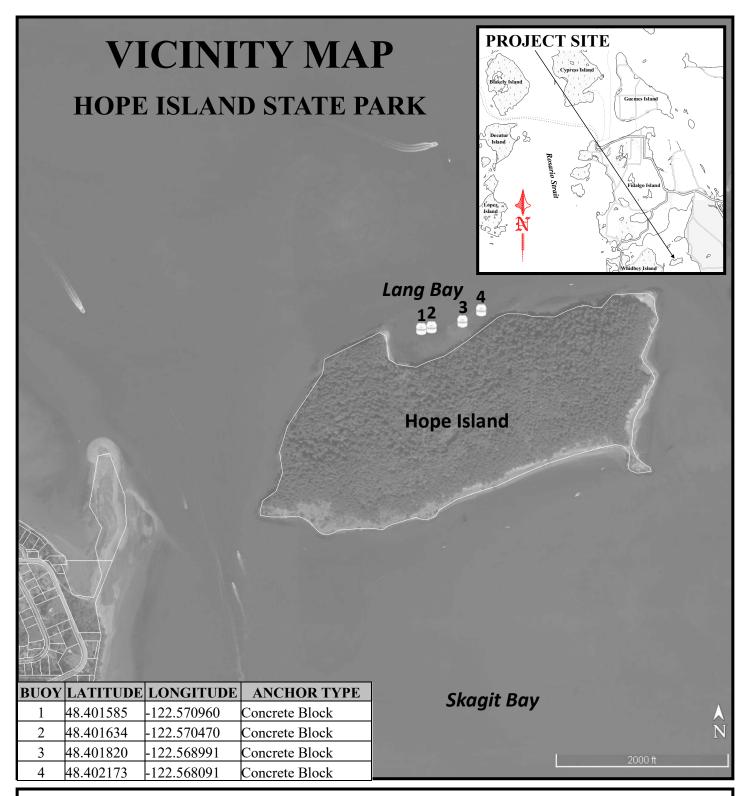
#### PROPOSED PROJECT:

Existing Mooring Buoys (8)

**IN:** Port Townsend Bay

AT/NEAR: Port Townsend

**COUNTY:** Jefferson



REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Hope Island State Park	Existing Mooring Buoys (4)
	TPN: None	
Washington State Parks and Recreation Commission	Sect: 28 T: N/A R: N/A	IN: Skagit Bay
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Anacortes
inguise. The ERT OWNERS.		COUNTY: Skagit County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA

# **VICINITY MAP**

#### HOPE ISLAND MARINE STATE PARK

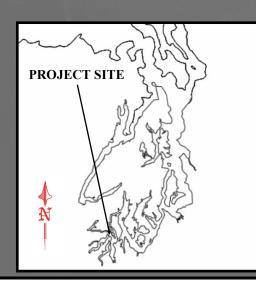
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**Hope Island** 

Pickering Passage

•				
	<b>BUOY</b>	<b>LATITUDE</b>	<b>LONGITUDE</b>	<b>ANCHOR TYPE</b>
1	1	47.18267	-122.93128	Concrete Block
1	2	47.18245	-122.92757	Concrete Block
	3	47.18856	-122.93213	Concrete Block
	4	47.18945	-122.93072	Concrete Block
	5	47.19075	-122.92974	Concrete Block



Squaxin Island

Reservation

REFERENCE: \_\_

#### **APPLICANT:**

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. USA Trust- Squaxin Island Tribe

**TPN:** 220271300000

2. Wilson, Steven M & Vicki M

TPN: 220285006000

#### **LOCATION:**

Hope Island,

WA 98277

**TPN:** 220273000000

1111. 220273000000

**Sect:** 27 **T:** 20N **R:** 2W

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

#### PROPOSED PROJECT:

Existing Mooring Buoys (5)

IN: Pickering Passage

AT/NEAR: Squaxin Island

**COUNTY:** Mason

# VICINITY MAP ILLAHEE STATE PARK **Port Orchard** PROJECT SITE BUOY LATITUDE LONGITUDE **ANCHOR TYPE** 47.12500 -122.77130 **Concrete Block** 47.12451 -122.77065 2 Concrete Block 3 47.12427 -122.77132 Concrete Block

### APPLICANT:

REFERENCE: \_

5

Washington State Parks and Recreation Commission

#### ADJACENT PROPERTY OWNERS:

47.12406

47.12470

-122.77073

-122.77157

Spencer James & Susan
 TPN: 062402-2-036-2004
 Large Donald & Cynthia
 TPN: 062402-4-044-2000

#### **LOCATION:**

Concrete Block

Concrete Block

3540 Ne Sylvan Way Bremerton WA 98310 **TPN:** 062402-4-002-2000 **Sect:** 6 **T:** 24 **R:** 2E

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

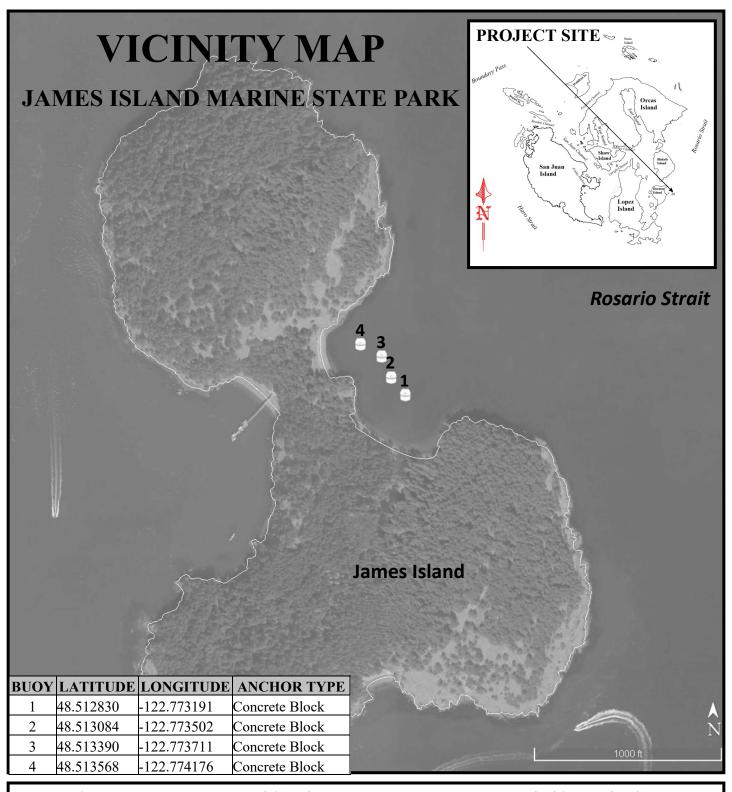
#### PROPOSED PROJECT:

Existing Mooring Buoys (5)

**IN:** Port Orchard

AT/NEAR: Bremerton

**COUNTY:** Kitsap



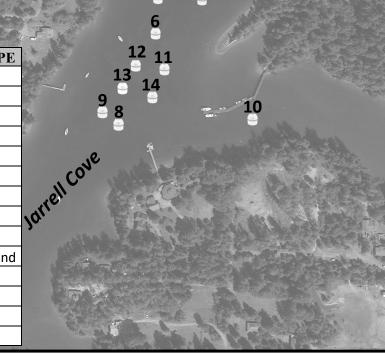
REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	James Island State Park	Existing Mooring Buoys (4)
	TPN: 152312001000	
Washington State Parks and Recreation Commission	Sect: 23 T: 35N R: 1W	IN: Rosario Strait
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Blakely Island
The wind Entry of wind Entry o		COUNTY: San Juan County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA



### JARRELL COVE STATE PARK



!	2011/2		
BUOY	LATITUDE	LONGITUDE	ANCHOR TYPE
1	47.28480	-122.88604	Helical
2	47.28372	-122.88643	Helical
3	47.28340	-122.88672	Helical
4	47.28311	-122.88739	Helical
5	47.28282	-122.88757	Helical
6	47.28239	-122.88835	Helical
7	47.28283	-122.88834	Helical
8	47.28131	-122.88889	Helical
9	47.28145	-122.88917	Helical
10	47.28139	-122.88667	Anchor Not Found
11	47.28196	-122.88817	Helical
12	47.28200	-122.88866	Helical
13	47.28173	-122.88886	Helical
14	47.28163	-122.88835	Helical



**REFERENCE:** 

APPLICANT

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. Rowley Et Ux Trust, Var Chris Rebecca M Vaughn Rowley - Rowley Family Trust

**TPN:** 221252200020 **2.** Ellingson, Brian & Debra **TPN:** 221252400010

LOCATION:

391 E Wingert Rd

Shelton, WA 98584

**TPN:** 221252360000

**Sect:** 25 **T:** 21N **R:** 2W

**LAT/LONG:** Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

PROPOSED PROJECT:

Existing Mooring Buoys (14)

IN: Jarrell Cove

AT/NEAR: Grant

**COUNTY:** Mason

# VICINITY MAP

## JOEMMA BEACH STATE PARK

Case Inlet

BUOY	<b>LATITUDE</b>	LONGITUDE	ANCHOR TYPE
1	47.22479	-122.81260	Concrete Block
2	47.22515	-122.81294	Concrete Block
3	47.22536	-122.81245	Concrete Block
4	47.22506	-122.81213	Concrete Block
5	47.22480	-122.81210	Concrete Block

PROJECT SITE

REFERENCE:

**APPLICANT:** 

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. North Bay Partners LLC

**TPN:** 0020162000

2. Young Men's Christian Assoc

**TPN:** 0020164001

LOCATION:

20001 Bay Rd SW

Longbranch, WA 98351

**TPN:** 0020161001

**Sect:** 16 **T:** 20 **R:** 00

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

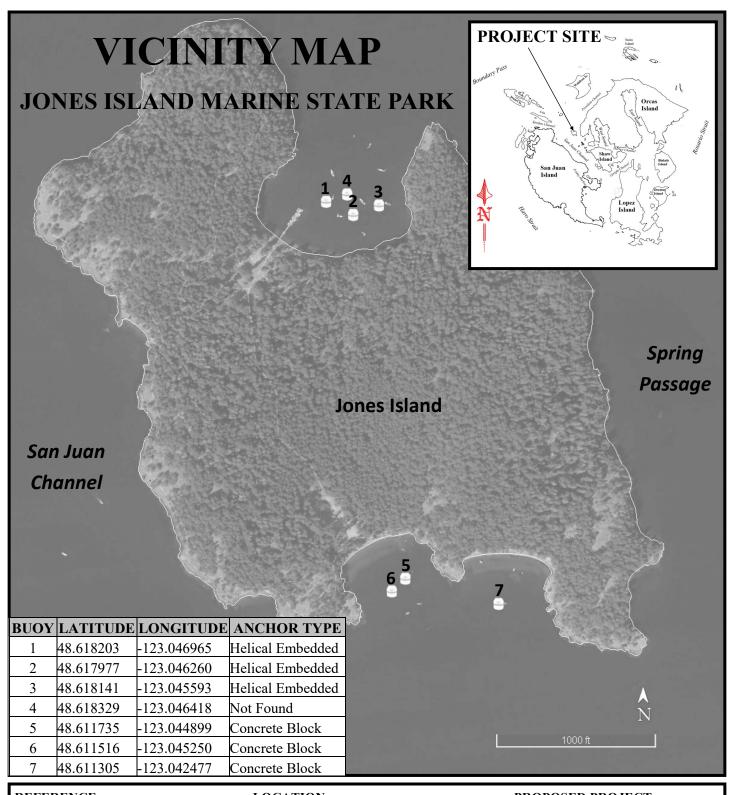
PROPOSED PROJECT:

Existing Mooring Buoys (5)

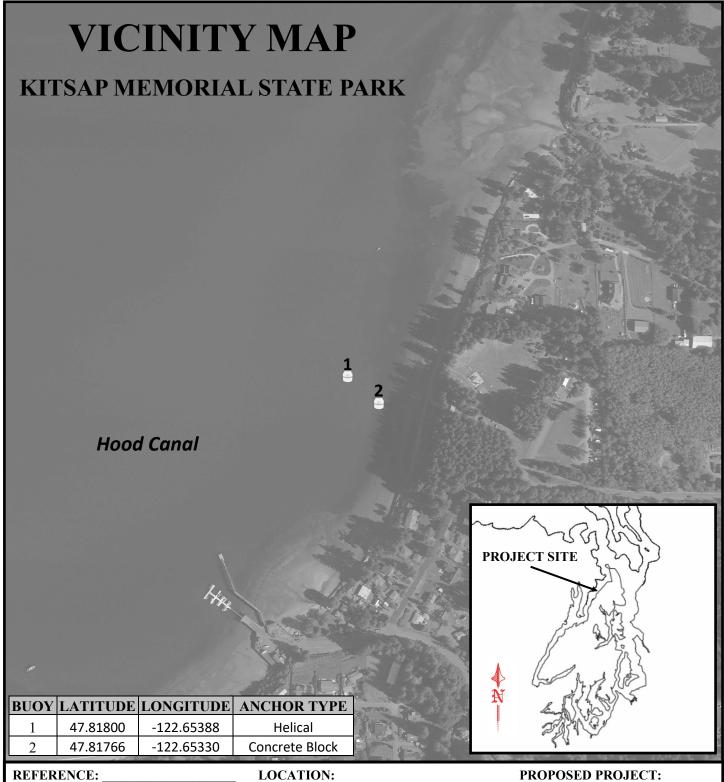
IN: Case Inlet

AT/NEAR: Longbranch

**COUNTY:** Pierce County



REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Jones Island State Park	Existing Mooring Buoys (7)
	TPN: 361421001000	
Washington State Parks and Recreation Commission	Sect: 14 T: 36N R: 3W	IN: San Juan Channel
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
ABONELIVI I ROLEKTI OWNERS.		COUNTY: San Juan County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA



#### **APPLICANT:**

Washington State Parks and **Recreation Commission** 

#### **ADJACENT PROPERTY OWNERS:**

1. Turk Joseph Michael & Julie Ann

**TPN:** 222701-1-013-2001

2. Osborn David E & Martha M Trustees

**TPN:** 4322-002-001-0107

#### **LOCATION:**

202 NE Park St

Poulsbo, WA 98370

**TPN:** 232701-2-027-2002

Sect: 23 **T:** 27 **R:** 1E

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

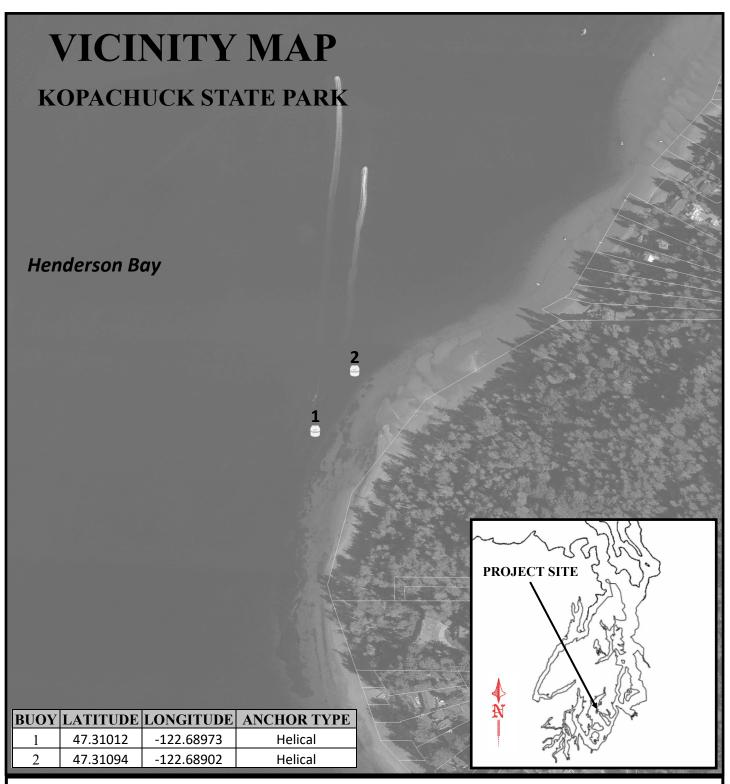
#### PROPOSED PROJECT:

Existing Mooring Buoys (2)

IN: Hood Canal

AT/NEAR: Port Gamble

**COUNTY:** Kitsap



REFERENCE:

LOCATION:

**PROPOSED PROJECT:** Existing Mooring Buoys (2)

APPLICANT:

Washington State Parks and Recreation Commission

**ADJACENT PROPERTY OWNERS:** 

**1.** Rafoth Thomas J TTEE **TPN:** 0121163701

2. Tucci Thomas D & Diane

**TPN:** 0121161002

10712 56th St NW

Gig Harbor, WA 98335-5932

**TPN:** 0121161010

**Sect:** 16 **T:** 21 **R:** 01

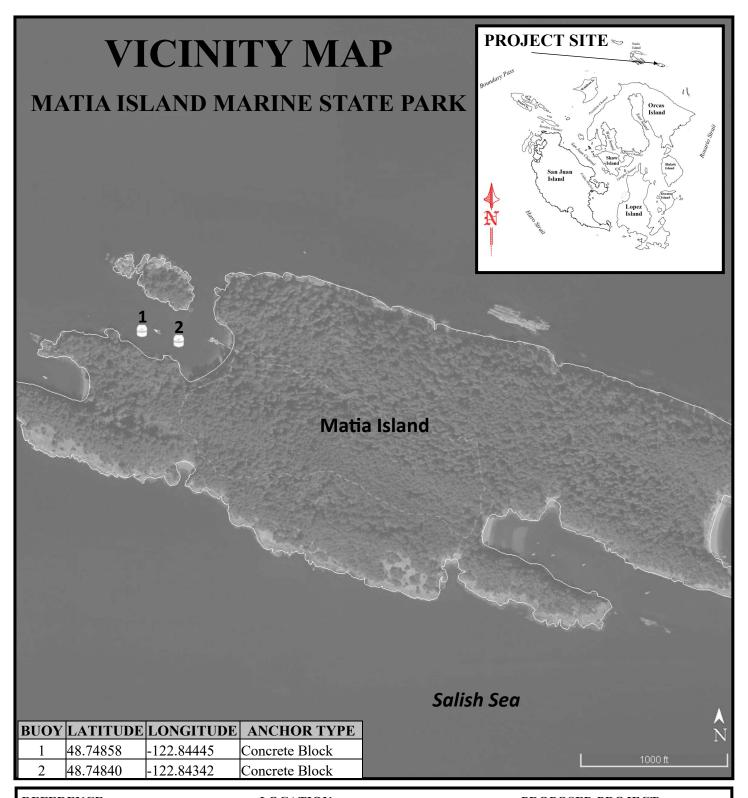
LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

IN: Henderson Bay

AT/NEAR: Gig Harbor

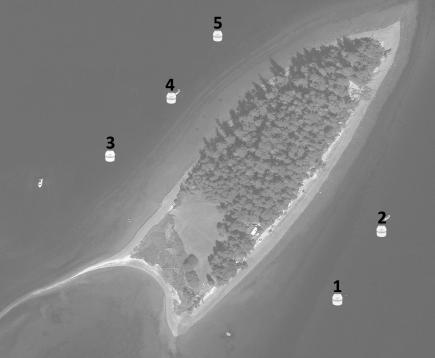
**COUNTY:** Pierce County



REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Matia Island State Park	Existing Mooring Buoys (2)
111111111111	TPN: 183211001000	
Washington State Parks and Recreation Commission	Sect: 32 T: 38N R: 1W	IN: Salish Sea
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
ABONCENT I NOTERT OWNERS.		COUNTY: San Juan County
N/A	PAGE OF DATE: 09/12/2023	STATE: WA



### MCMICKEN ISLAND MARINE STATE PARK



Case Inlet

BUOY	LATITUDE	LONGITUDE	<b>ANCHOR TYPE</b>
1	47.24819	-122.86504	Concrete Block
2	47.24962	-122.86338	Concrete Block
3	47.24739	-122.86065	Concrete Block
4	47.24665	-122.86134	Concrete Block
5	47.24887	-122.86410	Concrete Block

PROJECT SITE

**REFERENCE:** \_

**APPLICANT:** 

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. Mcdonald, Robert W & Gloria J

**TPN:** 220011290020

2. Capitol City Properties LLC

**TPN:** 220121100010

LOCATION:

McMicken Island

Shelton, WA 98584

**TPN:** 120063200000

**Sect:** 6 **T:** 20N **R:** 1W

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

PROPOSED PROJECT:

Existing Mooring Buoys (5)

IN: Case Inlet

AT/NEAR: Harstine Island

**COUNTY:** Mason County



	BUOY	LATITUDE	LONGITUDE	ANCHOR TYPE
A COLUMN	1	48.05782	-122.69650	Helical
	2	48.05767	-122.69604	Helical
10000000	3	48.05760	-122.69552	Helical
	4	48.05736	-122.69508	Helical
1	5	48.05735	-122.69609	Helical
	6	48.05725	-122.69550	Helical
	7	48.05703	-122.69484	Helical



REFERENCE: \_

LOCATION:

PROPOSED PROJECT:

Existing Mooring Buoys (7)

APPLICANT:

Washington State Parks and Recreation Commission

**ADJACENT PROPERTY OWNERS:** 

1. Diane & Beckys Geoduck Trust

**TPN:** 021294004 **2.** Carolyn W Silk **TPN:** 021294018

7875 Flagler Rd

Nordland, WA 98358

**TPN:** 021294012

**Sect:** 29 **T:** 30 **R:** 1E

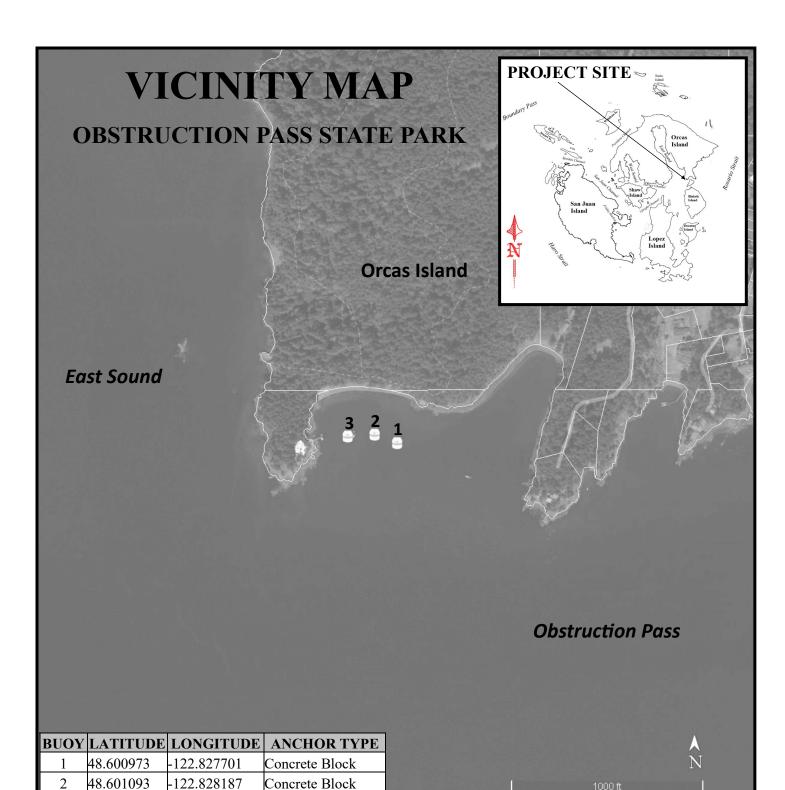
LAT/LONG: Listed by buoy number

PAGE \_\_ OF \_\_ DATE:

**IN:** Mystery Bay

AT/NEAR: Port Hadlock

**COUNTY:** Jefferson



REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Obstruction Pass State Park	Existing Mooring Buoys (3)
Washington State Parks and TPN: 161631001000		
Recreation Commission	Sect: 16 T: 36N R: 1W	IN: Obstruction Pass
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Olga, Orcas Island

Concrete Block

LEE A E HENDRICKSEN: 162121001000

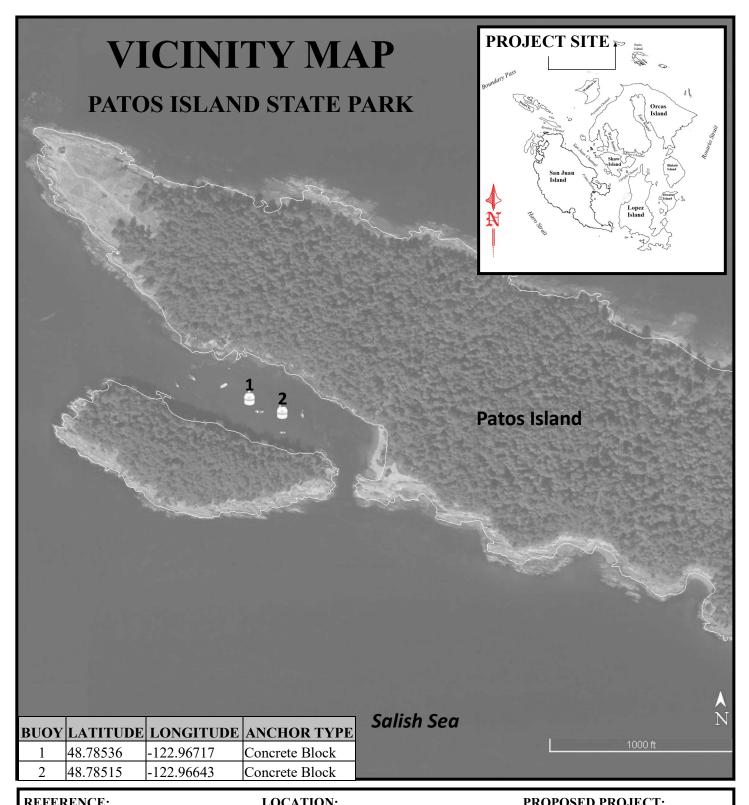
-122.828766

CARL R BURGER: 161642001000

48.601067

PAGE OF DATE: 11/30/2022

**COUNTY:** San Juan County **STATE:** WA



REFERENCE:	LOCATION:	rkorosed rkojeci:
APPLICANT:	Patos Island State Park	Existing Mooring Buoys (2)
	TPN: 281614001000	
Washington State Parks and Recreation Commission	Sect: 15,16,17 T: 38N R: 2W	IN: Salish Sea
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
		COUNTY: San Juan County
N/A	PAGE OF DATE: 09/12/2023	STATE: WA

### VICINITY MAP PENROSE POINT STATE PARK **Penrose Point** Mayo Cove PROJECT SITE Carr Inlet **BUOY LATITUDE LONGITUDE ANCHOR TYPE** 47.25678 -122.73748 **Anchor Not Found** 47.25855 2 -122.73704 Concrete Block 47.25901 -122.73694 Concrete Block 3 4 47.25957 -122.73694 Concrete Block 5 47.26035 -122.73696 Helical 6 47.26357 -122.74353 Concrete Block 7 47.26348 -122.74403 Concrete Block

REFERENCE: \_

8

**APPLICANT:** 

Washington State Parks and Recreation Commission

47.26286

**ADJACENT PROPERTY OWNERS:** 

-122.74453

**1.** Shulich Timothy **TPN:** 0020012073

2. Mullan Scott F & Mullan Tara L

TPN: 3460000860

Concrete Block
LOCATION:

321 158th Avenue Kp S Lakebay, WA 98349

TPN: 0021364000

**Sect:** 36 **T:** 21 **R:** 00

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

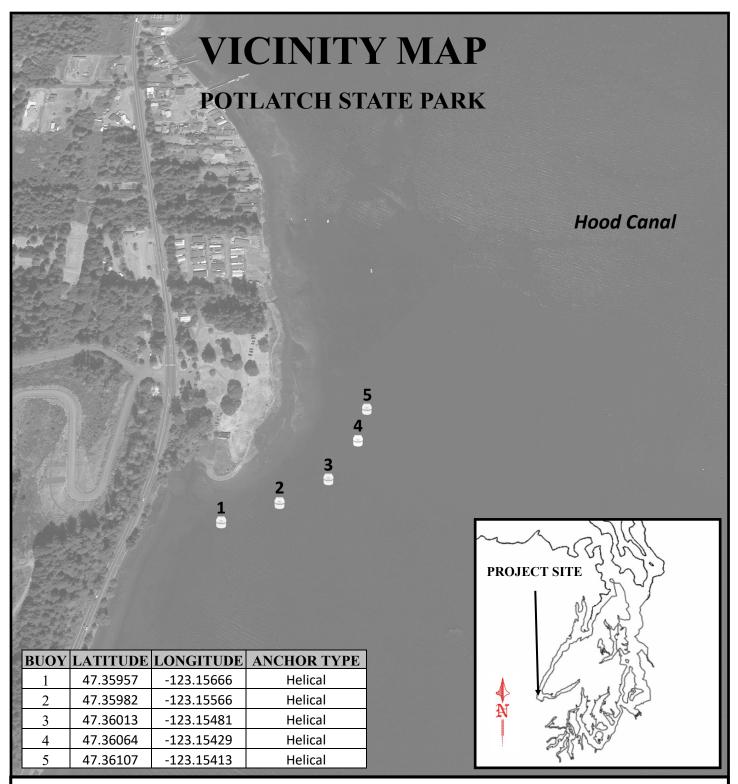
PROPOSED PROJECT:

Existing Mooring Buoys (8)

IN: Carr Inlet

AT/NEAR: Lakebay

**COUNTY:** Pierce County



**REFERENCE: APPLICANT:** 

Washington State Parks and **Recreation Commission** 

#### **ADJACENT PROPERTY OWNERS:**

1. Minerva Beach Homeowners Assoc, C/O Hoa Community Solutions

TPN:422263100026

2. United States Of America In Trust, C/O Skokomish Indian Tribe

TPN: 422353200060

#### **LOCATION:**

21020 N. US Highway 101 Shelton, WA 98584

TPN: 422263200025

**R:** 4W Sect: 26 T: 22N

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_

**DATE:** 

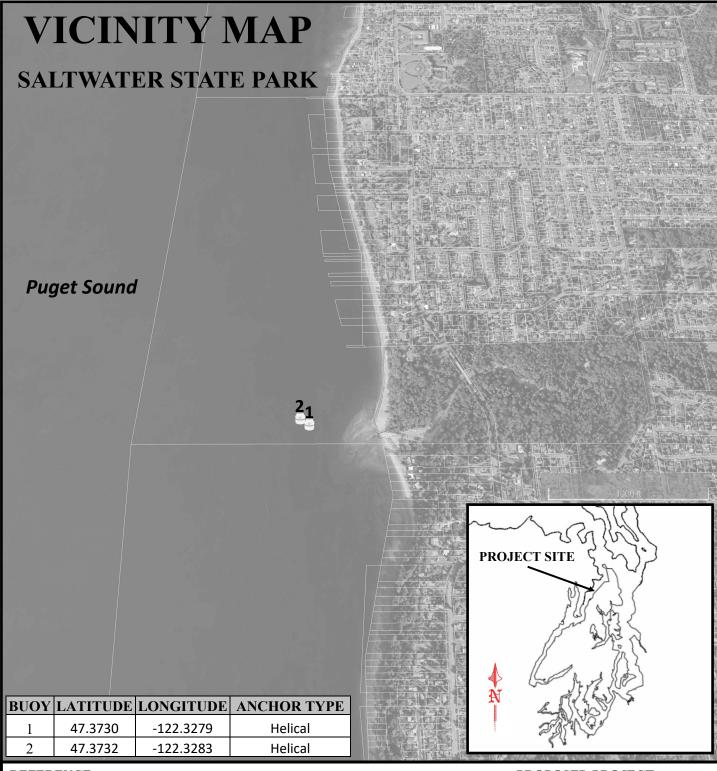
#### PROPOSED PROJECT:

Existing Mooring Buoys (5)

IN: Hood Canal

AT/NEAR: Skokomish

**COUNTY:** Mason County



**APPLICANT:** 

**LOCATION:** 

25205 8th Pl S

Des Moines, WA 98198

REFERENCE: \_\_

Washington State Parks and

**Recreation Commission** 

**ADJACENT PROPERTY OWNERS:** 

1. Martin Thomas & Julie **TPN:** 5067400020 2. Gary Andrew B

TPN: 2560806120

**TPN:** 2022049001

Sect: 20 **T:** 22 **R**: 4

LAT/LONG: Listed by buoy number

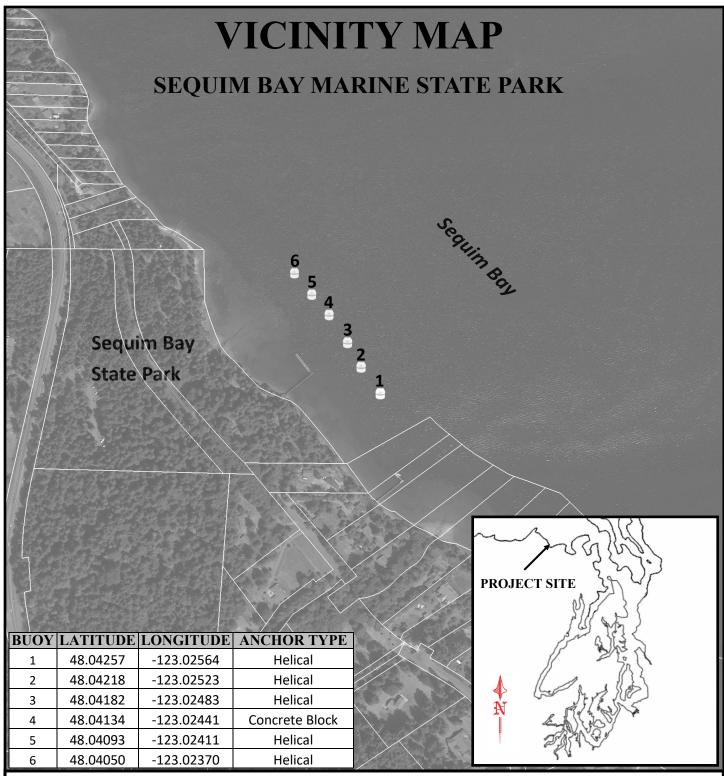
PAGE \_\_\_ OF \_\_\_ **DATE:**  PROPOSED PROJECT:

Existing Mooring Buoys (2)

**IN:** Puget Sound

AT/NEAR: Kent

**COUNTY:** King



#### **APPLICANT:**

REFERENCE: \_

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. Shengkai Wu And Wenqian Jiang

**TPN:** 032902140180

2. Thomas And Yamileth Reardon Ttes

**TPN:** 033035510230

#### LOCATION:

269035 HWY 101 SEQUIM, WA 98382

**TPN:** 032902210000

**Sect:** 2 **T:** 29N **R:** 3W

LAT/LONG: Listed by buoy number PAGE \_\_\_ OF \_\_\_ DATE:

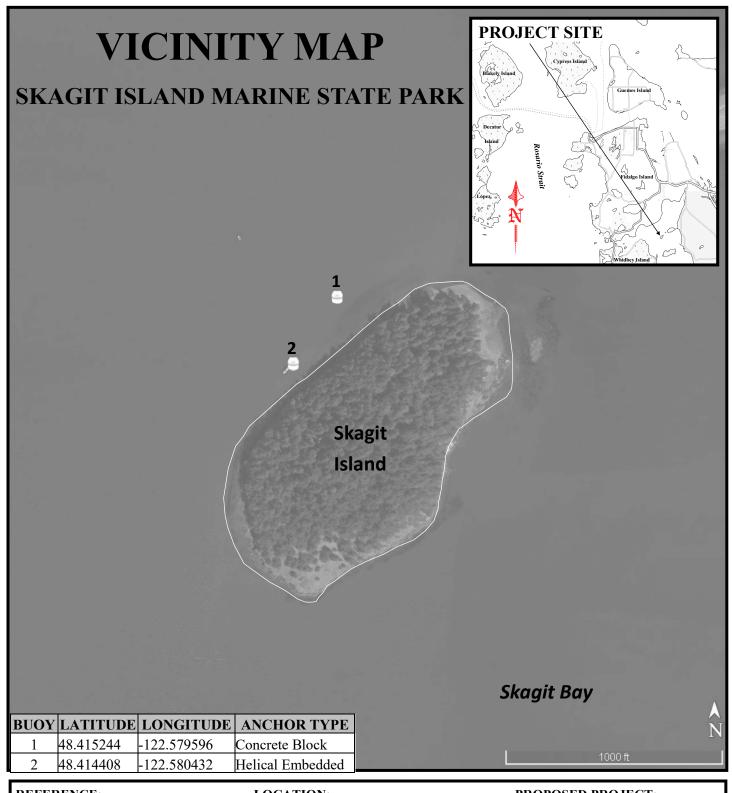
#### PROPOSED PROJECT:

Existing Mooring Buoys (6)

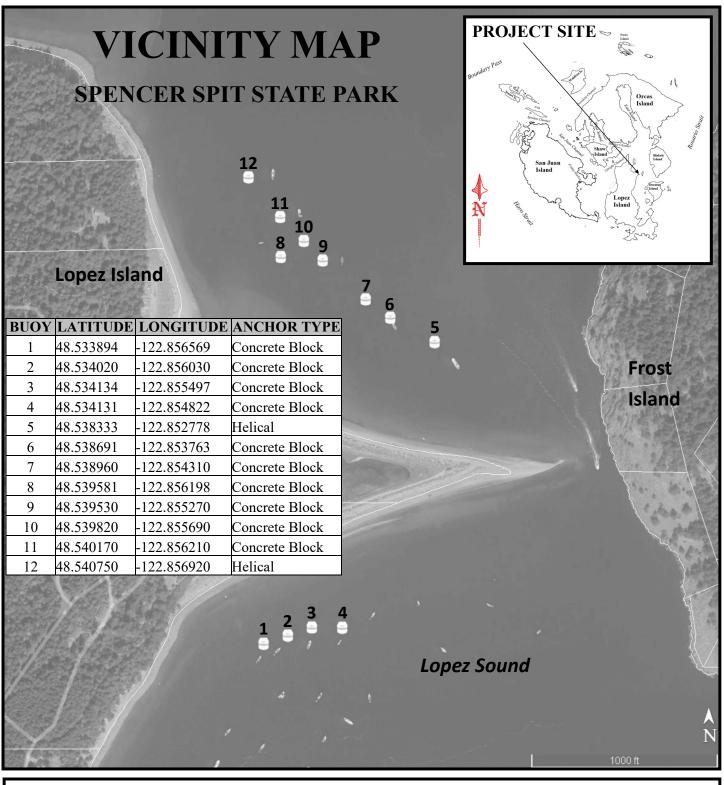
IN: Sequim Bay

AT/NEAR: Sequim

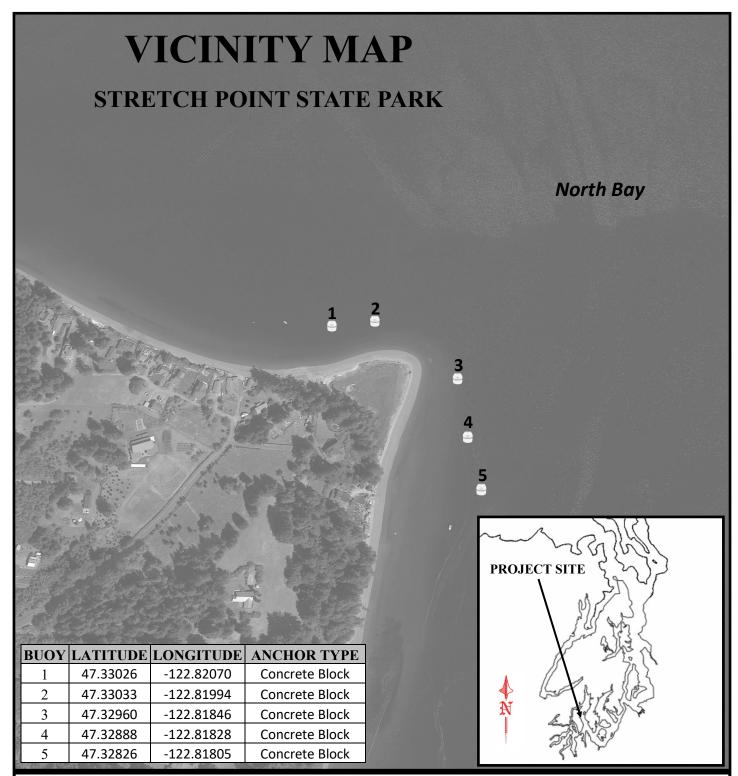
**COUNTY:** Clallam



REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Skagit Island State Park	Existing Mooring Buoys (2)
	TPN: P119883	
Washington State Parks and Recreation Commission	Sect: 20 T: 34 R: 02	IN: Skagit Bay
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Anacortes
		COUNTY: Skagit County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA



REFERENCE:		LOCATION:	PROPOSED PROJECT:
	APPLICANT:	Spencer Spit State Park	Existing Mooring Buoys (12)
	Washington State Parks and	TPN: 150733001000	
	Recreation Commission	Sect: 07 T: 35N R: 1W	IN: Lopez Sound
	ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Lopez Island
	WILLIAM JAGGER: 151823003000	, and a second second	COUNTY: San Juan County
	INGRID STUIVER TTEE: 150732002000	PAGE OF DATE: 11/30/2022	STATE: WA



### APPLICANT:

REFERENCE: \_\_

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. Island Belle House LLC TPN: 121092200010

2. Anderson Beach Property Revocable

Trust

TPN: 121092290011

#### **LOCATION:**

E. 391 Wingert Road Shelton, WA 98584

TPN: 121092260020

Sect: 9 T: 21N R: 1W

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

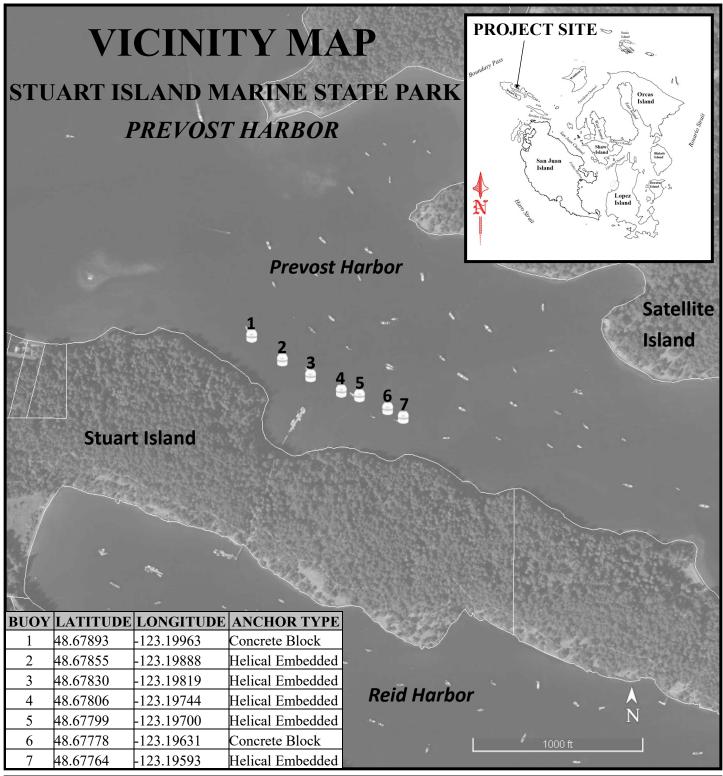
#### PROPOSED PROJECT:

Existing Mooring Buoys (5)

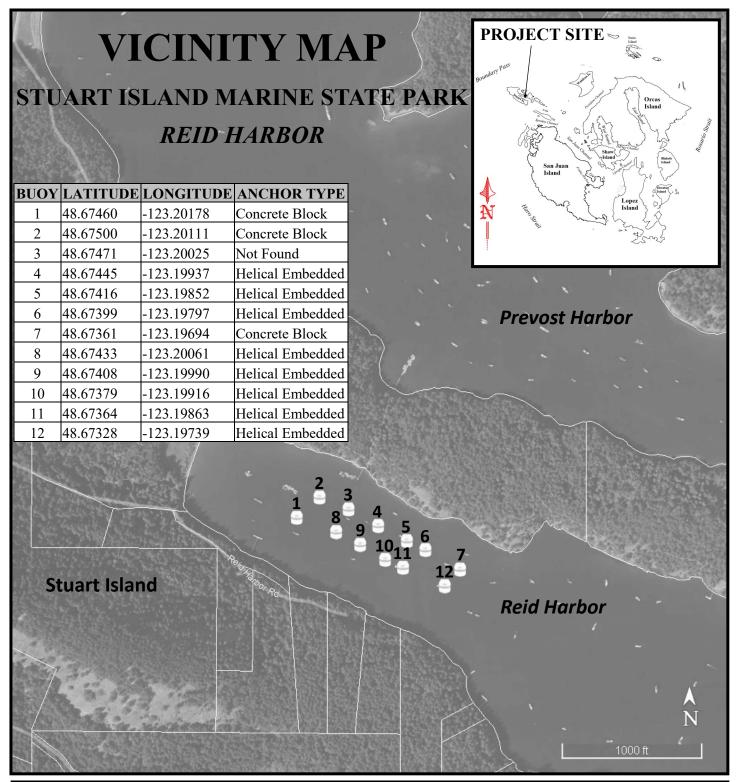
**IN:** North Bay

**AT/NEAR:** Grapeview

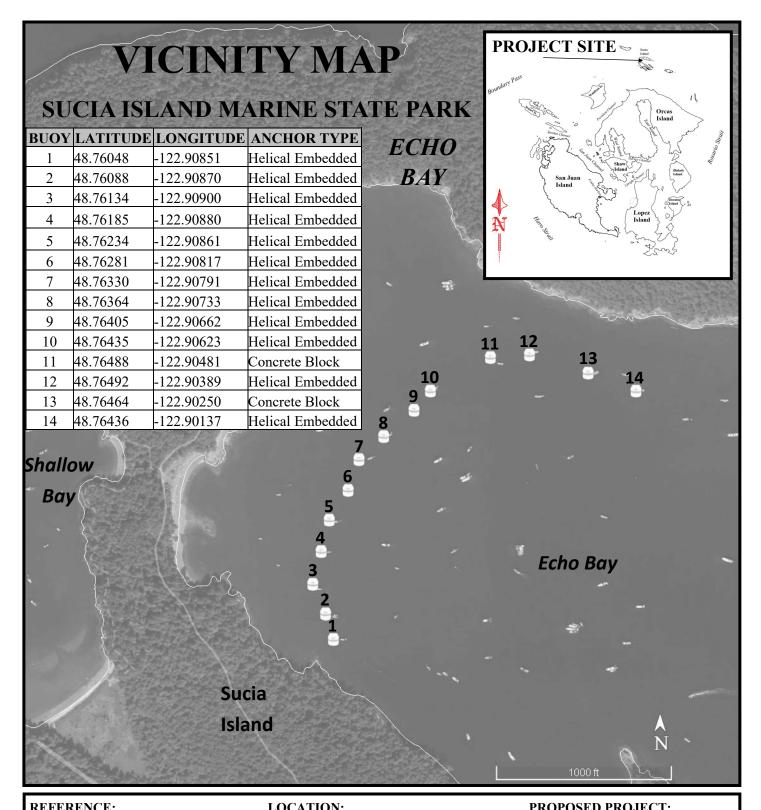
**COUNTY:** Mason



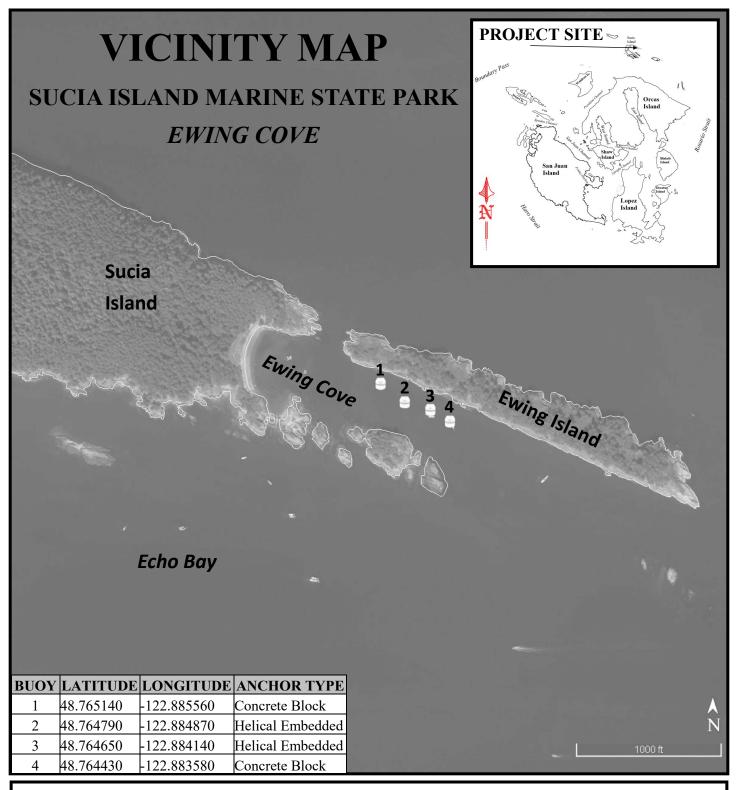
REFERENCE:	LOCATION:		PROPOSED PROJECT:
APPLICANT:	Stuart Island State Park, Prevost Harbor		Existing Mooring Buoys (7)
Washington State Parks and	TPN: 472813001000		
Recreation Commission	Sect: 28 T: 37N	R: 4W	IN: Prevost Harbor
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number		AT/NEAR: Roche Harbor, San Juan Is.
GEORGE JOSEPH FROST: 472723001000	2.11,201,012	ewey name or	COUNTY: San Juan County
JACK & ETHEL RICHEY: 472821011000	PAGE OF D	OATE: 09/12/2023	STATE: WA



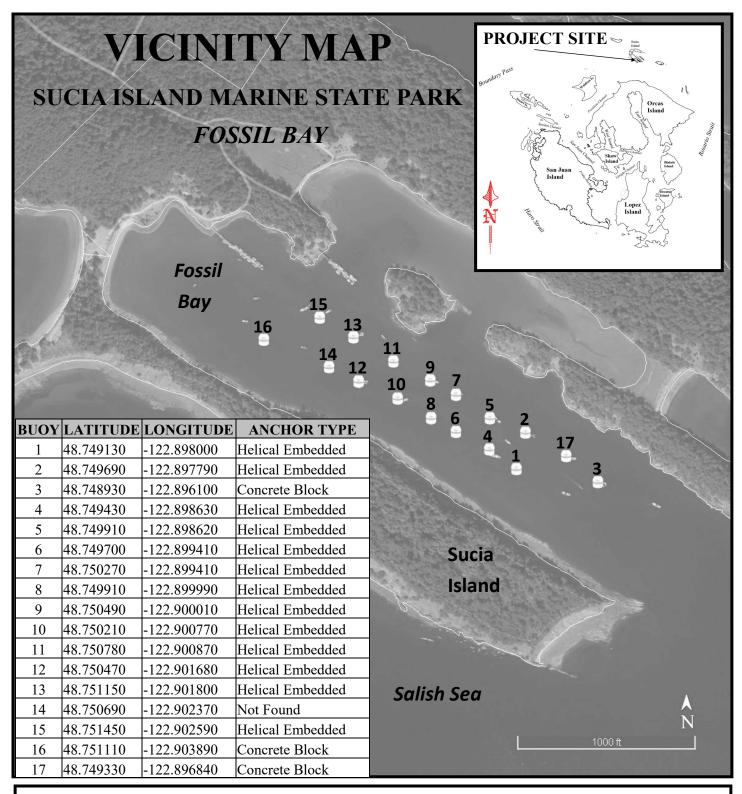
REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Stuart Island State Park, Reid Harbor	Existing Mooring Buoys (12)
Washington State Parks and	TPN: 472813001000	
Recreation Commission	Sect: 28 T: 37N R: 4W	IN: Reid Harbor
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Roche Harbor, San Juan Is.
GEORGE JOSEPH FROST: 472723001000	, and the second second	COUNTY: San Juan County
L/O STEVENS SHORT PLAT: 472824003000	PAGE OF DATE: 09/12/2023	•



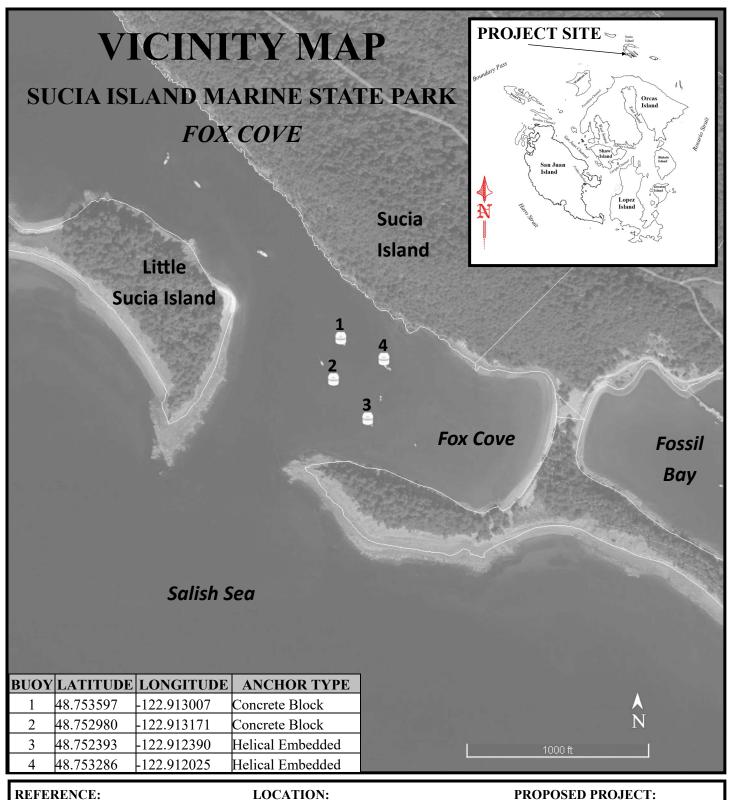
REFERENCE.	LOCATION.	I KOI OSED I KOJECI.
APPLICANT:	Sucia Island State Park, Echo Bay	Existing Mooring Buoys (14)
	TPN: 282350001000	
Washington State Parks and Recreation Commission	Sect: 23,24,26 T: 38N R: 2W	IN: Echo Bay
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
		COUNTY: San Juan County
N/A	PAGE OF DATE: 09/12/2023	STATE: WA



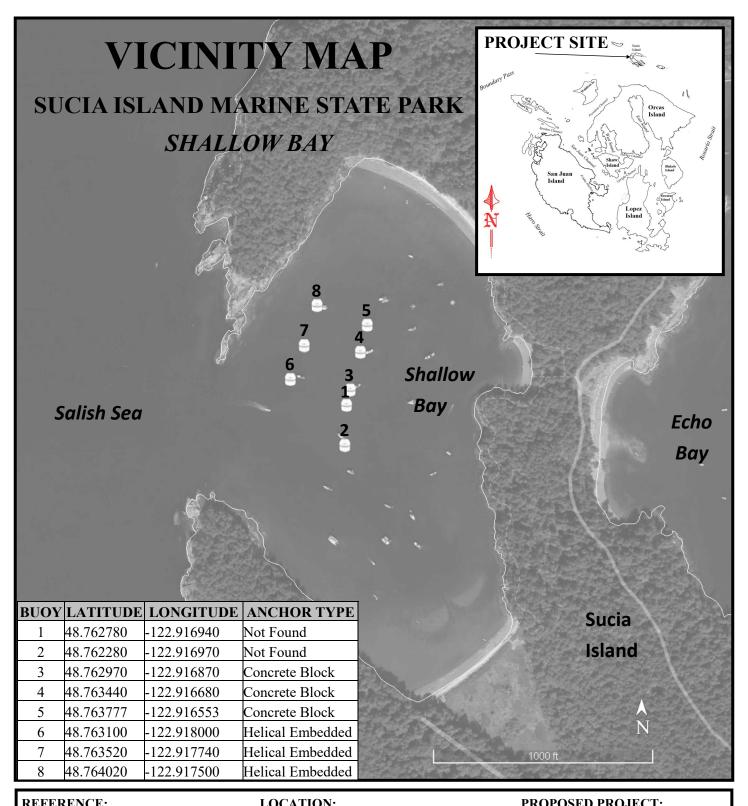
REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Sucia Island State Park, Ewing Cove	Existing Mooring Buoys (4)
	TPN: 282431001000	
Washington State Parks and Recreation Commission	Sect: 24,25,26,27,36 T: 38N R: 2W	IN: Ewing Cove
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
The state of the s		COUNTY: San Juan County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA



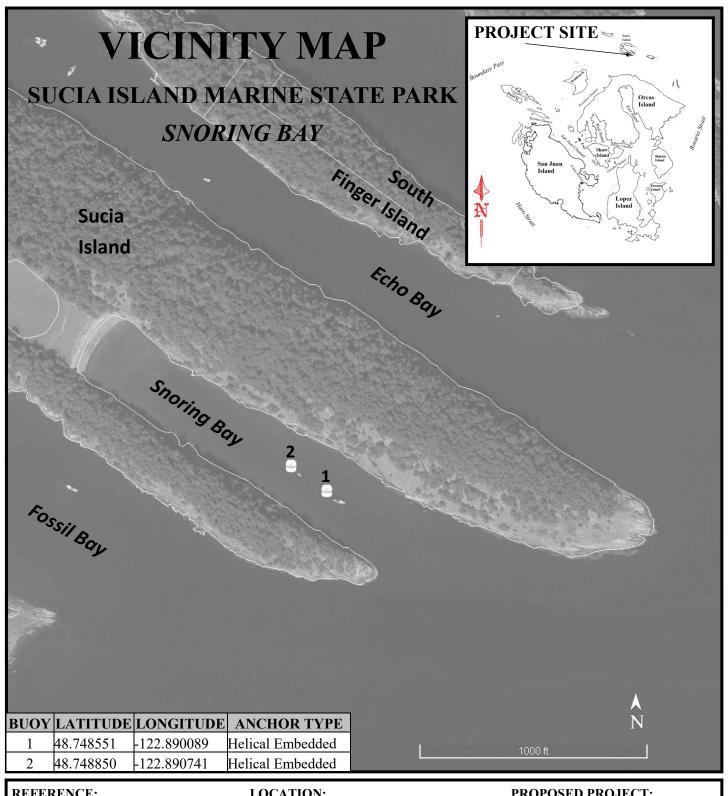
REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Sucia Island State Park, Fossil Bay	Existing Mooring Buoys (17)
	TPN: 282531001000	
Washington State Parks and Recreation Commission	Sect: 25 T: 38N R: 2W	IN: Fossil Bay
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
ABORCENT ROLERT OWNERS.		COUNTY: San Juan County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA



REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Sucia Island State Park, Fox Cove	Existing Mooring Buoys (4)
	TPN: 282431001000	
Washington State Parks and Recreation Commission	Sect: 24,25,26,27,36 T: 38N R: 2W	IN: Fox Cove
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
		COUNTY: San Juan County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA



REFERENCE.	LOCATION.	I KOI OSED I KOJECI.
APPLICANT:	Sucia Island State Park, Shallow Bay	Existing Mooring Buoys (8)
	TPN: 282350001000	
Washington State Parks and Recreation Commission	Sect: 23,24,26 T: 38N R: 2W	IN: Shallow Bay
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
ABONELIVI I ROTERTI O WILERS.		COUNTY: San Juan County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA



REFERENCE:	LUCATION:	PROPOSED PROJECT:
APPLICANT:	Sucia Island State Park, Snoring Bay	Existing Mooring Buoys (2)
	TPN: 282531001000	
Washington State Parks and Recreation Commission	Sect: 25 T: 38N R: 2W	IN: Snoring Bay
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Eastsound, Orcas Island
THE THOLERY I WILLIAM		COUNTY: San Juan County
N/A	PAGE OF DATE: 11/30/2022	STATE: WA

### **VICINITY MAP**

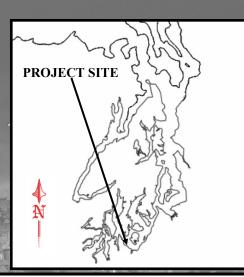
### **TOLMIE STATE PARK**

**Nisqually Reach** 

Sandy Point 3 4

### **Big Slough**

BUOY	LATITUDE	LONGITUDE	ANCHOR TYPE
1	47.12500	-122.77130	Concrete Block
2	47.12451	-122.77065	Concrete Block
3	47.12427	-122.77132	Concrete Block
4	47.12406	-122.77073	Concrete Block
5	47.12470	-122.77157	Concrete Block



REFERENCE: \_

**APPLICANT:** 

Washington State Parks and Recreation Commission

**ADJACENT PROPERTY OWNERS:** 

1. Wong, Elise

**TPN:** 72100003100

2. Iverson, Sondra L & Dean

**TPN:** 11923240800

**LOCATION:** 

7730 61st Ave. N.E. Olympia, WA 98506

**TPN:** 11923230000

**Sect:** 23 **T:** 19 **R:** 1W

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

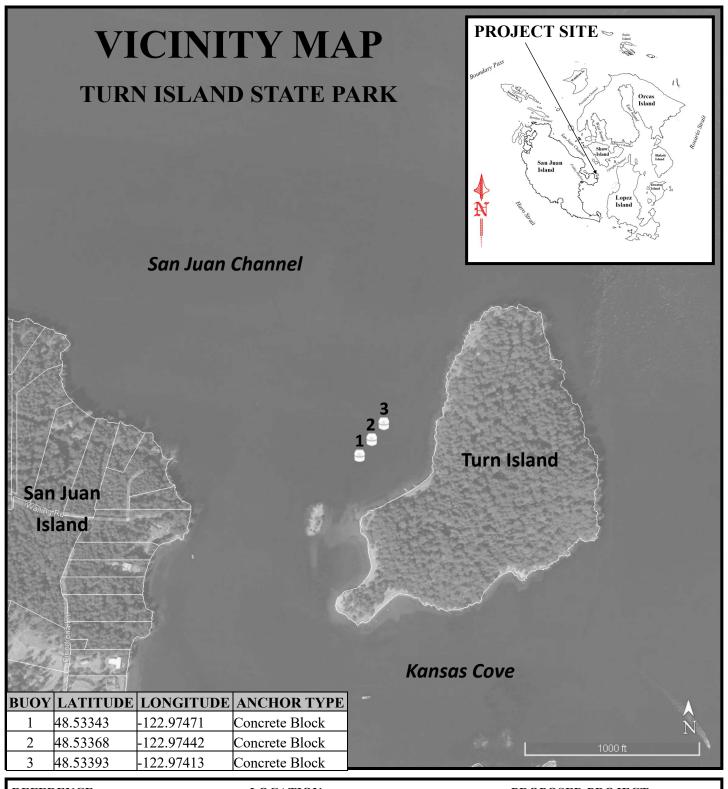
PROPOSED PROJECT:

Existing Mooring Buoys (5)

IN: Nisqually Reach

AT/NEAR: Sandy Point

**COUNTY:** Thurston



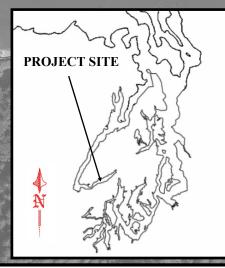
REFERENCE:	LOCATION:	PROPOSED PROJECT:
APPLICANT:	Turn Island State Park	Existing Mooring Buoys (3)
	TPN: 251722001000	
Washington State Parks and Recreation Commission	Sect: 17 & 18 T: 35N R: 2W	IN: San Juan Channel
ADJACENT PROPERTY OWNERS:	LAT/LONG: Listed by buoy number	AT/NEAR: Friday Harbor
THORIEST THOREAST		COUNTY: San Juan County
N/A	PAGE OF DATE: 09/12/2023	STATE: WA

### **VICINITY MAP**

### TWANOH STATE PARK

**Hood Canal** 

	BUOY	<b>LATITUDE</b>	LONGITUDE	ANCHOR TYPE
	1	47.37955	-122.97000	Helical
Water.	2	47.38034	-122.97132	Helical
	3	47.38028	-122.97084	Helical
	4	47.38003	-122.97062	Helical
が、一つ間	5	47.38080	-122.97073	Helical
	6	47.38045	-122.97008	Helical
	7	47.37999	-122.97014	Helical



REFERENCE: \_\_

#### **APPLICANT:**

Washington State Parks and Recreation Commission

#### **ADJACENT PROPERTY OWNERS:**

1. Spivak Et Vir, Alicia Garin Ranzen-

berger

**TPN:** 222203300060 **2.** Conlan, Mark T **TPN:** 222195000900

#### **LOCATION:**

12190 E State Route 106,

Union, WA 98592

**TPN:** 222195100001

**Sect:** 19 **T:** 22N **R:** 2W

LAT/LONG: Listed by buoy number

PAGE \_\_\_ OF \_\_\_ DATE:

#### PROPOSED PROJECT:

Existing Mooring Buoys (7)

IN: Hood Canal

AT/NEAR: Skokomish

**COUNTY:** Mason

# Statewide Mooring Buoy and Anchor Maintenance SEPA Checklist

			Buoy			Eelgrass	Macroalgae		
Region	County	Park	Number	Latitude	Longitude	Presence 25ft	Presence 25ft	Biological Survey Notes	Survey Date
Southwest	Kitsap	Blake	1	47.53848	-122.50194	Yes	Yes	EG: light patchy; MA 5% Gracilaria	6/13/2023
Southwest	Kitsap	Blake	2	47.54173	-122.50477	No	Yes	5% Gracilaria	6/13/2023
Southwest	Kitsap	Blake	3	47.53963	-122.50279	No	Yes	MA 5% Gracilaria	6/13/2023
Southwest	Kitsap	Blake	4	47.54135	-122.50431	No	Yes	MA 5% Gracilaria	6/13/2023
Southwest	Kitsap	Blake	5	47.54013	-122.50327	No	Yes	MA 5% Gracilaria	6/13/2023
Southwest	Kitsap	Blake	6	47.54059	-122.50360	Yes	Yes	EG: light patchy; MA 5% Gracilaria	6/13/2023
Southwest	Kitsap	Blake	7	47.54102	-122.50422	No	Yes	MA 5% Gracilaria;	6/13/2023
Southwest	Kitsap	Blake	8	47.53908	-122.50237	Yes	Yes	EG: light patchy; MA 5% Gracilaria;	6/13/2023
Southwest	Kitsap	Blake	9	47.53694	-122.48364	No	Yes	MA 1% Gracilaria	6/12/2023
Southwest	Kitsap	Blake	10	47.53768	-122.48298	No	Yes	MA 5% Gracilaria;	6/12/2023
Southwest	Kitsap	Blake	11	47.53875	-122.48189	No	Yes	MA 5% Gracilaria;	6/12/2023
Southwest	Kitsap	Blake	12	47.53825	-122.48235	No	Yes	MA 5% Gracilaria;	6/12/2023
Southwest	Kitsap	Blake	13	47.53912	-122.48151	No	Yes	MA 5% Gracilaria	6/12/2023
Southwest	Kitsap	Blake	14	47.53967	-122.48058	Yes	Yes	EG: light patchy; MA 5% Gracilaria	6/12/2023
Southwest	Kitsap	Blake	15	47.54720	-122.48807	No	Yes	MA 5% Gracilaria	6/12/2023
Southwest	Kitsap	Blake	16	47.54738	-122.48886	No	Yes	MA 5% Gracilaria	6/12/2023
Southwest	Kitsap	Blake	17	47.54693	-122.48695	No	Yes	MA 5% Gracilaria;	6/12/2023
Southwest	Kitsap	Blake	18	47.54626	-122.48614	No	Yes	MA 5% Gracilaria;	6/12/2023
Southwest	Kitsap	Blake	19	47.54601	-122.48498	No	Yes	MA 5% Gracilaria	6/12/2023
Southwest	Kitsap	Blake	20	47.54620	-122.48559	No	Yes	MA 5% Gracilaria;	6/12/2023
Southwest	Kitsap	Blake	21	47.54653	-122.48641	No	Yes	MA: 60% Costaria, Chondracanthus, Gracilaria, Mazzaella, and Saccharina;	6/12/2023
Southwest	Kitsap	Blake	22	47.52987	-122.49220	No	Yes	MA: 10% Costaria, Saccharina and Palmaria;	6/12/2023
Southwest	Kitsap	Blake	23	47.53009	-122.49316	No	Yes	MA: Mixed drift (unattached) macroalgae including Chondracanthus, Saccharina, and Palmaria	6/12/2023
Southwest	Kitsap	Blake	24	47.53734	-122.48331	No	Yes	MA 5% Gracilaria	6/12/2023
Northwest	San Juan	Blind	1	48.5846128	-122.9386777	Yes	No	EG: Light patchy	6/10/2024
Northwest	San Juan	Blind	2	48.5840046	-122.9383561	No	No		6/10/2024
Northwest	San Juan	Blind	3	48.5839167	-122.9378765	No	Yes	MA: 5% Sarcodiotheca	6/10/2024
Northwest	San Juan	Blind	4	48.5840104	-122.9371141	No	No		6/10/2024
Northwest	San Juan	Clark	1	48.6992089			No	EG: light patchy	6/12/2024
Northwest	San Juan	Clark	2	48.6987262			No	EG: light patchy;	6/12/2024
Northwest	San Juan	Clark	3	48.6983759			No	EG: light patchy	6/12/2024
Northwest	San Juan	Clark	4	48.6981598			No	EG: light patchy	6/12/2024
Northwest	San Juan	Clark	5	48.6978256			No	EG: medium patchy;	6/12/2024
Northwest	San Juan	Clark	6	48.6990013			Yes	MA: Mixed drift	6/12/2024
Northwest	San Juan	Clark	7	48.6975277			Yes	MA: Mixed drift;	6/12/2024

			Buoy			Eelgrass	Macroalgae		
Region	County	Park	Number	Latitude	Longitude	Presence 25ft	Presence 25ft	Biological Survey Notes	Survey Date
Northwest	San Juan	Clark	8	48.6980849	-122.7652661	No	Yes	MA: Mixed drift	6/12/2024
Northwest	San Juan	Clark	9	48.6987913	-122.7655893	No	Yes	MA: Mixed drift	6/12/2024
Southwest	Pierce	Cutts	1	47.31889	-122.68694	No	Yes	MA: Mixed drift (unattached)	6/28/2023
Southwest	Pierce	Cutts	2	47.31915	-122.68654	No	Yes	MA: 1% Gracilaria and mixed drift (unattached);	6/28/2023
Southwest	Pierce	Cutts	3	47.31965	-122.68583	No	Yes	MA: 1% Gracilaria and mixed drift (unattached);	6/28/2023
Southwest	Pierce	Cutts	4	47.31996	-122.68541	No	Yes	MA: 1% Gracilaria and mixed drift (unattached);	6/28/2023
Southwest	Pierce	Cutts	5	47.32034	-122.68502	No	Yes	MA: 5% Gracilaria and mixed drift (unattached)	6/28/2023
Southwest	Pierce	Cutts	6	47.32060	-122.68475	No	Yes	MA: 5% Gracilaria and mixed drift (unattached)	6/28/2023
Southwest	Pierce	Cutts	7	47.32113	-122.68412	No	Yes	MA: 5% Gracilaria and mixed drift (unattached)	6/28/2023
Southwest	Pierce	Cutts	8	47.32148	-122.68355	No	Yes	MA: 5% Gracilaria and mixed drift (unattached);	6/28/2023
Southwest	Pierce	Cutts	9	47.32195	-122.68301	No	Yes	MA: 1% Gracilaria and mixed drift (unattached);	6/28/2023
Southwest	Pierce	Eagle	1	47.18754	-122.69823	No	Yes	MA- Saccharina, Palmaria, Sargassum, Sarcodiotheca macroalgae observed with 90% cover on large rocks, with mixed drift (unattached)	6/26/2023
Southwest	Pierce	Eagle	2	47.18812	-122.69790	No	Yes	MA- Drift (unattached) Saccharina, Desmarestia, Mazzaella, Chondracanthus;	6/26/2023
Southwest	Pierce	Eagle	3	47.18700	-122.69480	No	Yes	MA- Mixed drift (unattached);	6/26/2023
Southwest	Jefferson	Fort Flagler	1	48.09092	-122.71882	No	Yes	MA: 10% Sarcodiotheca and Desmarestia;	6/14/2023
Southwest	Jefferson	Fort Flagler	2	48.09068	-122.71855	No	Yes	MA: 40% Sarcodiotheca and Chondracanthus;	6/14/2023
Southwest	Jefferson	Fort Flagler	3	48.09038	-122.71824	No	Yes	MA: Sarcodiotheca and mixed drift (unattached);	6/14/2023
Southwest	Jefferson	Fort Flagler	4	48.09107	-122.71943	No	Yes	MA: 40% Sarcodiotheca, Chondracanthus, filamentous brown, and Desmarestia;	6/14/2023
Southwest	Jefferson	Fort Flagler	5	48.08903	-122.71744	No	Yes	MA: 5% Sarcodiotheca and mixed drift (unattached);	6/14/2023
Southwest	Jefferson	Fort Flagler	6	48.08989	-122.71776	No	Yes	MA: 5% Sarcodiotheca and mixed drift (unattached);	6/14/2023

			Buoy	1		Eelgrass	Macroalgae		
Region	County	Park	_	Latitude	Longitude	Presence 25ft	_	  Biological Survey Notes	Survey Date
Southwest	Jefferson	Fort Flagler	7	48.09022	-122.71807	No	Yes	MA: 5% Sarcodiotheca and mixed drift(unattached);	6/14/2023
Southwest	Jefferson	Fort Townsend	1	48.07842	-122.78517	Yes	No	EG: Medium patchy;	6/15/2023
Southwest	Jefferson	Fort Townsend	2	48.07795	-122.78490	No	No		6/15/2023
Southwest	Jefferson	Fort Townsend	3	48.07741	-122.78459	No	No		6/15/2023
Southwest	Jefferson	Fort Townsend	4	48.07702	-122.78447	No	No		6/15/2023
Southwest	Jefferson	Fort Worden	1	48.13897	-122.75891	No	No		6/15/2023
Southwest	Jefferson	Fort Worden	2	48.13833	-122.75911	No	Yes	MA: Mixed drift (unattached);	6/15/2023
Southwest	Jefferson	Fort Worden	3	48.13746	-122.75988	No	Yes	MA: Agarum, Saccharina, and Laminaria;	6/15/2023
Southwest	Jefferson	Fort Worden	4	48.13683	-122.76025	No	Yes	MA: Agarum, Saccharina, and Laminaria;	6/15/2023
Southwest	Jefferson	Fort Worden	5	48.13652	-122.76040	No	Yes	MA: Agarum, Saccharina, and Laminaria;	6/15/2023
Southwest	Jefferson	Fort Worden	6	48.13503	-122.76049	Yes	Yes	MA: 5% Sarcodiotheca;	6/15/2023
Southwest	Jefferson	Fort Worden	7	48.13450	-122.76066	No	Yes	MA: Drift unattached;	6/15/2023
Southwest	Jefferson	Fort Worden	8	48.13374	-122.76055	No	Yes	MA:5% Gracilaria macroalgae and mixed drift (unattached);	6/15/2023
Northwest	Skagit	Hope- North	1	48.4015848	-122.5709598	No	No		6/16/2023
Northwest	Skagit	Hope- North	2	48.4016344	-122.5704703	No	No		6/16/2023
Northwest	Skagit	Hope- North	3	48.4018203	-122.5689912	No	No		6/16/2023
Northwest	Skagit	Hope- North	4	48.4021731	-122.5680914	No	No		6/16/2023
Southwest	Mason	Hope- South	1	47.18267	-122.93128	No	Yes	MA: 5% Gracilaria and mixed drift (unattached)	6/27/2023
Southwest	Mason	Hope- South	2	47.18245	-122.92757	No	Yes	MA: 5% Gracilaria and mixed drift (unattached)	6/27/2023
Southwest	Mason	Hope- South	3	47.18840	-122.93230	No	Yes	MA: Mixed drift (unattached);	6/27/2023
Southwest	Mason	Hope- South	4	47.18910	-122.93190	No	No		6/27/2023
Southwest	Mason	Hope- South	5	47.18970	-122.93150	No	No		6/27/2023
Southwest	Kitsap	Illahee	1	47.59924	-122.59344	No	No		6/13/2023
Southwest	Kitsap	Illahee	2	47.59862	-122.59284	No	No		6/13/2023
Southwest	Kitsap	Illahee	3	47.59818	-122.59275	No	No		6/13/2023
Southwest	Kitsap	Illahee	4	47.59765	-122.59246	No	No		6/13/2023
Southwest	Kitsap	Illahee	5	47.59728	-122.59228	No	No		6/13/2023
Northwest	San Juan	James	1	48.5128298	-122.7731912	No	Yes	MA: 20% Agarum;	6/13/2024
Northwest	San Juan	James	2	48.5130840	-122.7735017	No	Yes	MA: 20% Agarum and Gracilaria	6/13/2024
Northwest	San Juan	James	3	48.5133902	-122.7737105	No	Yes	MA: 30% Agarum, Sarcodiotheca, Pterygophora	6/13/2024

	1	1	Buoy	Π		Eelgrass	Macroalgae		
Region	County	Park	_	Latitude	Longitude	Presence 25ft	_	Biological Survey Notes	Survey Date
Northwest	San Juan	James	4	48.5135675	-122.7741762	No	Yes	MA: 20% Gracilaria and Agarum;	6/13/2024
Northwest	San Juan	James	Marker Buoy	48.512557	-122.77705	No	Yes	MA: 80% Agarum, Saccharina, Pterygophora	6/13/2024
Southwest	Mason	Jarrell	1	47.28480	-122.88604	No	No		6/29/2023
Southwest	Mason	Jarrell	2	47.28372	-122.88643	No	No		6/29/2023
Southwest	Mason	Jarrell	3	47.28340	-122.88672	No	No		6/29/2023
Southwest	Mason	Jarrell	4	47.28311	-122.88739	No	No		6/29/2023
Southwest	Mason	Jarrell	5	47.28282	-122.88757	No	No		6/29/2023
Southwest	Mason	Jarrell	6	47.28239	-122.88835	No	No		6/29/2023
Southwest	Mason	Jarrell	7	47.28283	-122.88834	No	No		6/29/2023
Southwest	Mason	Jarrell	8	47.28131	-122.88889	No	No		6/29/2023
Southwest	Mason	Jarrell	9	47.28145	-122.88917	No	No		6/29/2023
Southwest	Mason	Jarrell	10	47.28139	-122.88667	No	No		6/29/2023
Southwest	Mason	Jarrell	11	47.28196	-122.88817	No	No		6/29/2023
Southwest	Mason	Jarrell	12	47.28200		No	No		6/29/2023
Southwest	Mason	Jarrell	13	47.28173		No	No		6/29/2023
Southwest	Mason	Jarrell	14	47.28163	-122.88835	No	No		6/29/2023
Southwest	Pierce	Joemma	1	47.22479	-122.81260	No	No		6/27/2023
Southwest	Pierce	Joemma	2	47.22515		No	No		6/27/2023
Southwest	Pierce	Joemma	3	47.22536		No	No		6/27/2023
Southwest	Pierce	Joemma	4	47.22506		No	No		6/27/2023
Southwest	Pierce	Joemma	5	47.22480		No	No		6/27/2023
Northwest	San Juan	Jones	1	48.6182029	-123.0469650	No	No		6/10/2024
Northwest	San Juan	Jones	2	48.6179768			No	EG: Medium patchy	6/10/2024
Northwest	San Juan	Jones	3	48.6181408			No	. ,	6/10/2024
Northwest	San Juan	Jones	4	48.6183290			No		6/10/2024
Northwest	San Juan	Jones	5	48.6117348			No		6/10/2024
Northwest	San Juan	Jones	6	48.6115156			No	EG: Medium patchy;	6/10/2024
Northwest	San Juan	Jones	7	48.6113048			No	EG: Medium patchy;	6/10/2024
Southwest	Kitsap	Kitsap Memorial	1	47.81800			No		7/10/2024
Southwest	Kitsap	Kitsap Memorial	2	47.81793	-122.65391	Yes	No	EG: Light patchy;	7/10/2024
Southwest	Pierce	Kopachuck	1	47.31012	-122.68973	No	Yes	MA: Drift (unattached) Ulva;	6/28/2023
Southwest	Pierce	Kopachuck	2	47.31094	-122.68902	No	Yes	MA: Drift (unattached) Ulva;	6/28/2023
Northwest	San Juan	Matia	1	48.7485833	-122.8444500	No	Yes	7/12/23: MA: Gracilaria and 50% mixed drift (unattached);	7/12/2023
Northwest	San Juan	Matia	2	48.7483964	-122.8434146	No	Yes	7/12/23: MA: Gracilaria and 50% mixed drift (unattached);	7/12/2023
Southwest	Mason	McMicken	1	47.24819	-122.86504	No	Yes	MA- drift ulva (unattached);	6/26/2023
Southwest	Mason	McMicken	2	47.24962	-122.86338	No	No		6/26/2023
Southwest	Mason	McMicken	3	47.24739	-122.86065	No	No		6/26/2023
Southwest	Mason	McMicken	4	47.24665	-122.86134	No	No		6/26/2023

		1	Buoy	<u> </u>		Eelgrass	Macroalgae		1
Region	County	Park	Number	Latitude	Longitude	Presence 25ft	_	Biological Survey Notes	Survey Date
Southwest	Mason	McMicken	5	47.24887	-122.86410	No	No		6/26/2023
Southwest	Jefferson	Mystery Bay	1	48.05782	-122.69650	No	No		6/14/2023
Southwest	Jefferson	Mystery Bay	2	48.05767	-122.69604	No	No		6/14/2023
Southwest	Jefferson	Mystery Bay	3	48.05760	-122.69552	No	No		6/14/2023
Southwest	Jefferson	Mystery Bay	4	48.05736	-122.69508	No	No		6/14/2023
Southwest	Jefferson	Mystery Bay	5	48.05735	-122.69609	No	No		6/14/2023
Southwest	Jefferson	Mystery Bay	6	48.05725	-122.69550	No	No		6/14/2023
Southwest	Jefferson	Mystery Bay	7	48.05703	-122.69484	No	No		6/14/2023
Northwest	San Juan	Obstruction	1	48.6009727	-122.8277014	No	Yes	MA: Mixed drift;	6/13/2024
Northwest	San Juan	Obstruction	2	48.6010934	-122.8281872	No	Yes	MA: Mixed drift macroalgae, 5% Sarcodiotheca	6/13/2024
Northwest	San Juan	Obstruction	3	48.6010668	-122.8287655	No	Yes	MA: 1% Sarcodiotheca	6/13/2024
Northwest	San Juan	Patos	1	48.7853574	-122.9671705	Yes	No	7/12/23 EG: Medium Patchy;	7/12/2023
Northwest	San Juan	Patos	2	48.7851455	-122.9664300	Yes	No	7/12/23 EG: Medium;	7/12/2023
Southwest	Pierce	Penrose	1	47.25820	-122.73691	No	Yes	5% Gracilaria;	6/26/2023
Southwest	Pierce	Penrose	2	47.25855	-122.73704	No	Yes	5% gracilaria;	6/26/2023
Southwest	Pierce	Penrose	3	47.25901	-122.73694	No	Yes	1% Gracilaria;	6/26/2023
Southwest	Pierce	Penrose	4	47.25979	-122.73669	No	Yes	1% Gracilaria;	6/26/2023
Southwest	Pierce	Penrose	5	47.26025		No	No		6/26/2023
Southwest	Pierce	Penrose	6	47.26357	-122.74353	No	No		6/26/2023
Southwest	Pierce	Penrose	7	47.26348	-122.74403	No	No		6/26/2023
Southwest	Pierce	Penrose	8	47.26286	-122.74453	No	No		6/26/2023
Southwest	Mason	Potlach	1	47.35957	-123.15666	No	No		7/10/2024
Southwest	Mason	Potlach	2	47.35982	-123.15566	No	No		7/10/2024
Southwest	Mason	Potlach	3	47.36013	-123.15481	No	No		7/10/2024
Southwest	Mason	Potlach	4	47.36064			No		7/10/2024
Southwest	Mason	Potlach	5	47.36107			No		7/10/2024
Northwest	King	Saltwater	1	47.3730			Yes	MA: 5% Gracilaria and 2% Saccharina;	6/30/2023
Northwest	King	Saltwater	2	47.3732	-122.3283	No	Yes	MA: Gracilaria and Saccharina macroalgae growing on debris. No stable macroalgae	6/30/2023
Northwest	King	Saltwater	3-Marker	47.373700	-122.32750	No Data	No Data		
Northwest	King	Saltwater	4-Marker	47.372400	-122.32790	No Data	No Data		
Northwest	King	Saltwater	5-Marker	47.373800			No Data		
Northwest	King	Saltwater	6-Marker	47.372600			No Data		
Southwest	Clallam	Sequim Bay	1	48.04257		No	No		7/11/2024
Southwest	Clallam	Sequim Bay	2	48.04218			No		7/11/2024
Southwest	Clallam	Sequim Bay	3	48.04182			No		7/11/2024
Southwest	Clallam	Sequim Bay	4	48.04134			No		7/11/2024
Southwest	Clallam	Sequim Bay	5	48.04093			No		7/11/2024
Southwest	Clallam	Sequim Bay	6	48.04050			No		7/11/2024
Northwest	Skagit	Skagit	1	48.4152439			No		7/16/2023

			Buoy			Eelgrass	Macroalgae		
Region	County	Park	Number	Latitude	Longitude	Presence 25ft	Presence 25ft	Biological Survey Notes	Survey Date
Northwest	Skagit	Skagit	2	48.4144077	-122.5804321	No	No		7/16/2023
Northwest	San Juan	Spencer Spit	1	48.5338937	-122.8565686	Yes	No	EG: light patchy;	7/18/2023
Northwest	San Juan	Spencer Spit	2	48.5338980	-122.8561090	Yes	Yes	EG: light patchy; MA: Gracilaria 1% large block	7/18/2023
Northwest	San Juan	Spencer Spit	3	48.5341342	-122.8554966	Yes	Yes	EG: light patchy; MA: Gracilaria 1% large block;	7/18/2023
Northwest	San Juan	Spencer Spit	4	48.5341307	-122.8548217	Yes	Yes	EG: patchy; MA: Gracilaria	7/18/2023
Northwest	San Juan	Spencer Spit	5	48.5386890	-122.8527778	Yes	No	EG: Patchy;	7/18/2023
Northwest	San Juan	Spencer Spit	6	48.5386910	-122.8536670	Yes	No	EG: Patchy;	7/18/2023
Northwest	San Juan	Spencer Spit	7	48.5387480	-122.8543970	Yes	No	EG: Medium;	7/18/2023
Northwest	San Juan	Spencer Spit	8	48.5392350	-122.8548910	No	No		7/18/2023
Northwest	San Juan	Spencer Spit	9	48.5393758	-122.8565627	No	No		7/18/2023
Northwest	San Juan	Spencer Spit	10	48.5399470	-122.8566990	No	No		7/18/2023
Northwest	San Juan	Spencer Spit	11	48.5398360	-122.8566790	No	No		7/18/2023
Northwest	San Juan	Spencer Spit	12	48.540753			No		7/18/2023
Southwest	Kitsap	Stretch	1	47.33026			Yes	MA: mixed drift unattached;	6/29/2023
Southwest	Kitsap	Stretch	2	47.33033	-122.81994		Yes	MA: mixed drift unattached;	6/29/2023
Southwest	Kitsap	Stretch	3	47.32960	-122.81846		Yes	MA: mixed drift unattached;	6/29/2023
Southwest	Kitsap	Stretch	4	47.32888	-122.81828		No	,	6/29/2023
Southwest	Kitsap	Stretch	5	47.32826	-122.81805		No		6/29/2023
Northwest	San Juan	Stuart- Prevost	1	48.6789323			Yes	7/14/23 EG: Medium, MA: 1% Gracilaria;	7/14/2023
Northwest	San Juan	Stuart- Prevost	2	48.6785513	-123.1988780	No	Yes	7/14/23 MA: 1% f. red, 5% Ulva;	7/14/2023
Northwest	San Juan	Stuart- Prevost	3	48.6783006	-123.1981903	No	Yes	7/14/23 MA: 1% Gracilaria;	7/14/2023
Northwest	San Juan	Stuart- Prevost	4	48.6780578	-123.1974398	No	Yes	7/14/23 MA: 1% Gracilaria, f. red;	7/14/2023
Northwest	San Juan	Stuart- Prevost	5	48.6779864	-123.1969990	No	No		7/14/2023
Northwest	San Juan	Stuart- Prevost	6	48.6777790	-123.1963117	No	Yes	7/14/23 MA: 1% Gracilaria;	7/14/2023
Northwest	San Juan	Stuart- Prevost	7	48.6776405	-123.1959293	No	No		7/14/2023
Northwest	San Juan	Stuart - Prevost Harbor	Linear Moorage	48.679214	-123.19629	No Data	No Data		
Northwest	San Juan	Stuart- Reid Harbor	1	48.6746029	-123.2017800	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	2	48.6750000	-123.2011100	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	3	48.6747706	-123.2002500	No	No		7/14/2023

Region	County	Park	Buoy Number	Latitude	Longitude	Eelgrass Presence 25ft	Macroalgae Presence 25ft	Biological Survey Notes	Survey Date
Northwest	San Juan	Stuart- Reid Harbor	4	48.6744519	-123.1993700	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	5	48.6741605	-123.1985200	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	6	48.6739868	-123.1979700	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	7	48.6736111	-123.1969400	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	8	48.6743269	-123.2006100	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	9	48.6740823	-123.1999000	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	10	48.6737921	-123.1991600	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	11	48.6736393	-123.1986300	No	No		7/14/2023
Northwest	San Juan	Stuart- Reid Harbor	12	48.6732844	-123.1973900	No	No		7/14/2023
Northwest	San Juan	Stuart - Reid Harbor	Linear Moorage	48.672734	-123.19643	No Data	No Data		
Northwest	San Juan	Sucia- Echo	1	48.7604818	-122.9085083	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	2	48.7608802	-122.9086946	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	3	48.7613411	-122.9089978	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	4	48.7618497	-122.9088020	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	5	48.7623410	-122.9086130	No	Yes	MA: Gracilaria 1%;	7/12/2023
Northwest	San Juan	Sucia- Echo	6	48.7628051	-122.9081676	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	7	48.7632827	-122.9079117	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	8	48.7636421	-122.9073307	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	9	48.7640513	-122.9066152	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	10	48.7643531	-122.9062290	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	11	48.7648764	-122.9048118	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	12	48.7649194	-122.9038890	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	13	48.7646356	-122.9025033	No	Yes	MA: Gracilaria 5% ;	7/12/2023
Northwest	San Juan	Sucia- Echo	14	48.7643584	-122.9013717	No	No		7/12/2023
Northwest	San Juan	Sucia- Echo	Linear Moorage 1	48.759947	-122.90589		No Data		
Northwest	San Juan	Sucia- Echo	Linear Moorage 2	48.759969	-122.90733	No Data	No Data		
Northwest	San Juan	Sucia- Ewing	1	48.7651400	-122.8855600	No	Yes	MA: 5% gracilaria	6/12/2024
Northwest	San Juan	Sucia- Ewing	2	48.7647900	-122.8848700	No	Yes	MA: Heavy drift macroalgae;	6/12/2024

Region	County	Park	Buoy Number	Latitude	Longitude	Eelgrass Presence 25ft	Macroalgae Presence 25ft	Biological Survey Notes	Survey Date
Northwest	San Juan	Sucia- Ewing	3	48.7646500	-122.8841400	No	Yes	MA: 5% gracilaria;	6/12/2024
Northwest	San Juan	Sucia- Ewing	4	48.7644300	-122.8835800	No	No		6/12/2024
Northwest	San Juan	Sucia- Fossil	1	48.7491300	-122.8980000	Yes	No	EG: light patchy;	6/11/2024
Northwest	San Juan	Sucia- Fossil	2	48.7496900	-122.8977900	Yes	No	EG: medium patchy	6/11/2024
Northwest	San Juan	Sucia- Fossil	3	48.7489300	-122.8961000	Yes	No	EG: light patchy;	6/11/2024
Northwest	San Juan	Sucia- Fossil	4	48.7494300	-122.8986300	Yes	No	EG: light patchy;	6/11/2024
Northwest	San Juan	Sucia- Fossil	5	48.7499100	-122.8986200	Yes	No	EG: light patchy;	6/11/2024
Northwest	San Juan	Sucia- Fossil	6	48.7497000	-122.8994100	Yes	No	EG: light patchy;	6/11/2024
Northwest	San Juan	Sucia- Fossil	7	48.7502700	-122.8994100	No	Yes	MA: 1% Gracilaria	6/11/2024
Northwest	San Juan	Sucia- Fossil	8	48.7499100	-122.8999900	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	9	48.7504900	-122.9000100	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	10	48.7502100	-122.9007700	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	11	48.7507800	-122.9008700	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	12	48.7504700	-122.9016800	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	13	48.7511500	-122.9018000	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	14	48.7506900	-122.9023700	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	15	48.7514500	-122.9025900	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	16	48.7511100	-122.9038900	No	No		6/11/2024
Northwest	San Juan	Sucia- Fossil	17	48.7493300	-122.8968400	Yes	No	EG: Light patchy;	6/11/2024
Northwest	San Juan	Sucia- Fox	1	48.7535968	-122.9130069	No	Yes	MA: Mixed drift macroalgae;	6/11/2024
Northwest	San Juan	Sucia- Fox	2	48.7529799	-122.9131708	No	Yes	MA: Mixed drift macroalgae	6/12/2024
Northwest	San Juan	Sucia- Fox	3	48.7523928	-122.9123902	No	Yes	MA: Mixed drift macroalgae	6/13/2024
Northwest	San Juan	Sucia- Fox	4	48.7523928	-122.9123902	No	Yes	MA: Mixed drift macroalgae;	6/14/2024

Region	County	Park	Buoy Number	Latitude	Longitude	Eelgrass Presence 25ft	Macroalgae Presence 25ft	Biological Survey Notes	Survey Date
Northwest	San Juan	Sucia- Shallow	1	48.7627800	-122.9169400	Yes	Yes	EG: light patchy; MA: 5% Sarcodiotheca	6/12/2024
Northwest	San Juan	Sucia- Shallow	2	48.7622800	-122.9169700	No	No		6/12/2024
Northwest	San Juan	Sucia- Shallow	3	48.7629700	-122.9168700	Yes	No	EG: light patchy;	6/12/2024
Northwest	San Juan	Sucia- Shallow	4	48.7634400	-122.9166800	No	Yes	MA: 1% Gracilaria	6/12/2024
Northwest	San Juan	Sucia- Shallow	5	48.7637770	-122.9165530	Yes	No	EG: light patchy	6/12/2024
Northwest	San Juan	Sucia- Shallow	6	48.7631000	-122.9180000	No	Yes	MA: 5% Sarcodiotheca;	6/12/2024
Northwest	San Juan	Sucia- Shallow	7	48.7635200	-122.9177400	No	No	EG: light patchy;	6/12/2024
Northwest	San Juan	Sucia- Shallow	8	48.7640200	-122.9175000	No	No	MA: Drift macroalgae	6/12/2024
Northwest	San Juan	Sucia- Snoring	1	48.7485508	-122.8900890	No	No		6/12/2024
Northwest	San Juan	Sucia- Snoring	2	48.7488496	-122.8907407	No	No		6/12/2024
Southwest	Thurston	Tolmie	1	47.12500	-122.77130	No	No		6/26/2023
Southwest	Thurston	Tolmie	2	47.12451	-122.77065	No	No		6/26/2023
Southwest	Thurston	Tolmie	3	47.12427	-122.77132	No	No		6/26/2023
Southwest	Thurston	Tolmie	4	47.12406	-122.77073	No	No		6/26/2023
Southwest	Thurston	Tolmie	5	47.12470	-122.77157	No	No		6/26/2023
Northwest	San Juan	Turn	1	48.5334306	-122.9747070	Yes	Yes	EG: Medium patchy; EG: Saccharina, Agarum, Pleurophycus, Rhodomela, Chondracanthus, Mazzaella, Opuntiella with 60% coverage.;	8/8/2023
Northwest	San Juan	Turn	2	48.5336840	-122.9744190	No	Yes	MA: Filamentous brown, Agarum, Saccharina, Gracilaria, Hymenena with 60% coverage.	8/8/2023
Northwest	San Juan	Turn	3	48.5339333	-122.9741330	No	Yes	MA: Saccharina, Agarum, Gracilaria with 50% coverage.	8/8/2023
Southwest	Mason	Twanoh	1	47.37955	-122.97000	No	No		7/10/2024
Southwest	Mason	Twanoh	2	47.38034	-122.97132	No	No		7/10/2024
Southwest	Mason	Twanoh	3	47.38028	-122.97084	No	No		7/10/2024
Southwest	Mason	Twanoh	4	47.38003	-122.97062	Yes	No	EG: Heavy eelgrass;	7/10/2024
Southwest	Mason	Twanoh	5	47.38080	-122.97073	No	No		7/10/2024
Southwest	Mason	Twanoh	6	47.38045	-122.97008	No	No		7/10/2024
Southwest	Mason	Twanoh	7	47.37999	-122.97014	No	Yes	MA: 1% Sarcodiotheca	7/10/2024

# Statewide Mooring Buoy and Anchor Maintenance SEPA Checklist

### Attachment G -

State and federally listed threatened and endangered species

# Attachment G State and federally listed threatened and endangered species

Region	County	State Park	WDFW Priority Habitat Species	Date PHS Accessed		Date IPaC Accessed	Federally Listed Species (NMPHS)	Date NMPHS accessed
- 0		2			Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Bull Trout			
			Pandalid Shrimp, Dungeness crab (Cancer magister), Pinto		(Salvenlinus confluentus )- <b>Threatened</b> , Monarch Butterfly (Danaus			
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ), Pacific	10/18/2024	plexippus )- Candidate	10/25/2024	Boccacio (Sebastes paucispinis )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	10/28/2024
			Herring (Clupea pallasi), Little Brown Bat (Myotis lucifugus),				orca) - <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Northwest	San Juan	Blind	Yuma myotis ( <i>Myotis yumanensis</i> )				Threatened	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Bull Trout		Boccacio (Sebastes paucispinis )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	
			Pinto Abalone ( <i>Haliotis kamtschatkana</i> ), Little Brown Bat	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	San Juan	Clark	(Myotis lucifugus )		plexippus )- Candidate		Threatened	
					Marbled Murrelet (Brachyramphus marmoratus )-Threatened, Northwestern			
				10/10/0004	Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout	10/05/0004	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	10/00/0004
			Little Brown Bat ( <i>Myotis lucifugus</i> ), Yuma myotis ( <i>Myotis</i>	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	Skagit	Hope- North	yumanensis )		plexippus ), North American Wolverine (Gulo gulo luscus)- <b>Threatened</b>		Threatened	
	<u> </u>	·			Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout			
			Red sea urchin (Strongylocentrotus franciscanus ), Pinto		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Boccacio (Sebastes paucispinis )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ),	10/18/2024	plexippus )- Candidate	10/25/2024	orca )- Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) -	10/28/2024
Northwoot	Con luon	lamas	,		prexippus j- Candidate			
Northwest	San Juan	James	Townsend's Big-eared Bat (Corynorhinus townsendii)	+	Marblad Murralat / Dreah reamphia magnetics \ Thus stored Bull To	+	Threatened	
			Red and weekin (Otmorred a section to a few sections to a	1	Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout		December (Ochootes manaissisis) Fundamenta (1971) 1871 1972	
			Red sea urchin (Strongylocentrotus franciscanus ), Pinto	10/18/2024	(Salvenlinus confluentus )- <b>Threatened</b> , Monarch Butterfly (Danaus	10/25/2024	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	10/28/2024
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ), Golden		plexippus )- Candidate, Yellow-billed Cuckoo (Coccyzus americanus)-		orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Northwest	San Juan	Jones	eagle (Aquila chrysaetos ), Little Brown Bat (Myotis lucifugus	)	Threatened		Threatened	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Bull Trout		Boccacio (Sebastes paucispinis )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	
				10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	San Juan	Matia	Dungeness crab (Cancer magister )		plexippus )- Candidate		Threatened	
					Marbled Murrelet (Brachyramphus marmoratus )-Threatened, Yellow-billed			
			Pandalid Shrimp, Dungeness crab (Cancer magister), Pinto		Cuckoo (Coccyzus americanus)- <b>Threatened</b> , Bull Trout ( <i>Salvenlinus</i>		Boccacio (Sebastes paucispinis )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	
			Abalone ( <i>Haliotis kamtschatkana</i> ), Townsend's Big-eared Ba	10/18/2024	confluentus )-Threatened	10/25/2024	orca )- Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) -	10/28/2024
Northwest	San Juan	Obstruction	(Corynorhinus townsendii )				Threatened	
	- Carryaan				Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Bull Trout		Boccacio (Sebastes paucispinis )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	
			Red sea urchin (Strongylocentrotus franciscanus ), Pinto	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) -	10/28/2024
Northwoot	San luan	Datos	, 5	10/16/2024		10/23/2024		10/28/2024
Northwest	San Juan	Patos	Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ),	+	plexippus )- Candidate		Threatened	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern		B	
				10/18/2024	Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout	10/25/2024	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	10/28/2024
					(Salvenlinus confluentus )- <b>Threatened</b> , Monarch Butterfly (Danaus		orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Northwest	Thurston	Saltwater	Pacific geoduck ( <i>Panopea abrupta</i> )		plexippus )-Candidate, North American Wolverine (Gulo gulo luscus )-		Threatened	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Northwestern			
				10/18/2024	Pond Turtle ( <i>Actinemys marmorata</i> )- <b>Proposed Threatened</b> , Bull Trout	10/25/2024	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	10/28/2024
			Dungeness crab (Cancer magister ), Little Brown Bat (Myotis	10/10/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/20/2024
Northwest	Skagit	Skagit	lucifugus ), Big brown bat (Eptesicus fuscus )		plexippus ), North American Wolverine (Gulo gulo luscus )- Threatened		Threatened	
			Hardshell Clam, Pandalid Shrimp, Dungeness crab (Cancer		Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			magister ), Townsend's Big-eared Bat (Corynorhinus	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) -	10/28/2024
Northwest	San Juan	Spencer Spit	townsendii )		plexippus )- Candidate		Threatened	
		- Ivania eleve	Pinto Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ),	1	Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout	1	Boccacio ( <i>Sebastes paucispinis</i> )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	
			Little Brown Bat ( <i>Myotis lucifugus</i> ), Yuma myotis ( <i>Myotis</i>	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) -	10/28/2024
Northwest	San Juan	Stuart- Prevost	yumanensis )	10, 10, 2024	plexippus )- Candidate	10,20,2024	Threatened	10,20,2024
MOLITIME ST	Jan Juan	otuait- Fievust	Hardshell Clam, Dungeness crab (Cancer magister ), Pinto	+		1	imeatenea	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout		Pagagoia (Cabagtas nausianinis) Endangared Villand/hala (Carinas	
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ), Little	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	Boccacio (Sebastes paucispinis) - Endangered, Killer Whale (Orcinus	10/28/2024
			Brown Bat ( <i>Myotis lucifugus</i> ), Yuma myotis ( <i>Myotis</i>	1	plexippus )- Candidate		orca) - <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Northwest	San Juan	Stuart- Reid Harbor	yumanensis )	1		1	Threatened	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Bull Trout		Boccacio (Sebastes paucispinis )- <b>Endangered,</b> Killer Whale ( <i>Orcinus</i>	
			Dungeness crab (Cancer magister ), Pinto Abalone Potential	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	San Juan	Sucia- Echo	Habitat ( <i>Haliotis kamtschatkana</i> )		plexippus )- Candidate	<u>                                     </u>	Threatened	
				T	Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout	1	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
					Marbled Murrelet (brachyramphus marmoralus )-Imealened, bull modi		Dooddoo (oobadtoo paadoopiino ) Liidaii gorda, kiitoi viinato (ordinad	
			Dungeness crab (Cancer magister ), Pinto Abalone Potential	10/18/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024

# Attachment G State and federally listed threatened and endangered species

				Date PHS		Date IPaC		Date NMPHS
Region	County	State Park	WDFW Priority Habitat Species	Accessed	Federally Listed Species (IPaC)	Accessed	Federally Listed Species (NMPHS)	accessed
	-				Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout			
			Red sea urchin (Strongylocentrotus franciscanus ), Pinto		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ),	10/18/2024	plexippus )- Candidate	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	San Juan	Sucia- Fossil	Dungeness crab (Cancer magister ),				Threatened	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout			
			Red sea urchin (Strongylocentrotus franciscanus ), Pinto		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ),	10/18/2024	plexippus )- Candidate	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	San Juan	Sucia- Fox	Dungeness crab (Cancer magister ),				Threatened	
					Marbled Murrelet (Brachyramphus marmoratus )-Threatened, Yellow-billed			
					Cuckoo (Coccyzus americanus)- <b>Threatened</b> , Bull Trout ( <i>Salvenlinus</i>		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Dungeness crab (Cancer magister ), Pinto Abalone Potential	10/18/2024	confluentus )-Threatened, Monarch Butterfly (Danaus plexippus )-	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	San Juan	Sucia- Shallow	Habitat ( <i>Haliotis kamtschatkana</i> )		Candidate, Island Marble (Euchloe ausonides insulanus)- Endangered		Threatened	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout			
			Red sea urchin (Strongylocentrotus franciscanus ), Pinto		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ),	10/18/2024	plexippus )- Candidate, Island Marble (Euchloe ausonides insulanus)-	10/25/2024	orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	10/28/2024
Northwest	San Juan	Sucia- Snoring	Dungeness crab (Cancer magister ),		Endangered		Threatened	
1.101.1.777000	Carroadii	Suota Stioring	= agarioso oras (carroor magister);		Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Bull Trout			
			Red sea urchin (Strongylocentrotus franciscanus ), Pinto		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus			
			Abalone Potential Habitat ( <i>Haliotis kamtschatkana</i> ),	10/18/2024	plexippus )- Candidate	10/25/2024	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	10/28/2024
			Townsend's Big-eared Bat (Corynorhinus townsendii ), Island	10/10/2024	prexippus j- dandidate	10/25/2024	orca) - Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) -	10/20/2024
Northwest	San Juan	Turn	Marble (Euchloe ausonides insulanus )				Threatened	
Northwest	Sali Juali	Tuili	Maible (Euchide ausonides insulands )				Tilleaterieu	
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Northwestern		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Pacific geoduck	10/24/2024	Pond Turtle (Actinemys marmorata) - Proposed Threatened, Bull Trout		orca) - Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) -	
Southwost	Kitsap	Blake	(Panopea abrupta )	10/24/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/24/2024	Threatened	10/24/2024
Southwest	κιιδαμ	blake	(гапореа авлирка )		Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern		Tilleateneu	10/24/2024
			Hardshall Clam (Marganaria marganaria). Pagific goodusk		Pond Turtle (Actinemys marmorata) - Proposed Threatened, Bull Trout		Pagancia (Schaptes naugisninis) Endangered Killer Whole (Orginus	
Courthweat	Diores	Cutto	Hardshell Clam (Mercenaria mercenaria), Pacific geoduck	10/04/2024	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/04/0004	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	10/04/204
Southwest	Pierce	Cutts	(Panopea abrupta ), Pandalid Shrimp (Pandalidae )	10/24/2024	plexippus )-Candidate		orca) - Endangered	10/24/204
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )-Threatened, Northwestern			
					Pond Turtle (Actinemys marmorata) - Proposed Threatened, Bull Trout		Decesia (Cohectes neuricainia) Fudence de Villey Whele (Oveinus	
	D:	E 4	Handahall Olara (Managaria na angaria)	10/04/0004	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	40/04/0004	Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	10/04/0004
Southwest	Pierce	Eagle	Hardshell Clam (Mercenaria mercenaria )	10/24/2024	plexippus )- Candidate		orca) - Endangered	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern			
			Hardshell Clam (Mercenaria mercenaria ), Dungeness Crab		Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			(Cancer magister), Waterfowl Concentrations, Big Brown Bat		(Salvenlinus confluentus)-Threatened, Monarch Butterfly (Danaus		orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Southwest	Jefferson	Fort Flagler	(Eptesicus fuscus )	10/24/2024	plexippus )-Candidate		Threatened, Chum Salmon (Summer) (Oncorhynchus keta) - Threatened	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Northwestern			
					Pond Turtle (Actinemys marmorata ) - <b>Proposed Threatened</b> , Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Pacific geoduck		(Salvenlinus confluentus)-Threatened, Monarch Butterfly (Danaus		orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Southwest	Jefferson	Fort Townsend	(Panopea abrupta ), Pacific Herring (Clupea pallasi )	10/24/2024	plexippus )- Candidate	10/24/2024	Threatened, Chum Salmon (Summer) (Oncorhynchus keta) - Threatened	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Northwestern			
					Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Pacific geoduck ( <i>Panopea abrupta</i> ), Pinto Abalone ( <i>Haliotis</i>		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Southwest	Jefferson	Fort Worden	kamtschatkana )	10/24/2024	plexippus )- Candidate	10/24/2024	Threatened, Chum Salmon (Summer) (Oncorhynchus keta) - Threatened	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Northwestern			
					Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Pacific geoduck		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		orca )- <b>Endangered</b> , Chinnok Salmon ( <i>Oncorhynchus tshawytscha</i> ) -	
Southwest	Mason	Hope- South	(Panopea abrupta )	10/24/2024	plexippus )- Candidate	10/24/2024	Threatened, Chum Salmon (Summer) (Oncorhynchus keta )- Threatened	10/24/2024
					Marbled Murrelet (Brachyramphus marmoratus )-Threatened, Northwestern			
					Pond Turtle (Actinemys marmorata ) - Proposed Threatened, Bull Trout			
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Pacific geoduck		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
Southwest	Kistap	Ilahee	(Panopea abrupta )	10/24/2024	plexippus )- Candidate		orca )- Endangered	10/24/2024

# Attachment G State and federally listed threatened and endangered species

				Date PHS		Date IPaC		Date NMPHS
Region	County	State Park	WDFW Priority Habitat Species	Accessed	Federally Listed Species( IPaC)	Accessed	Federally Listed Species (NMPHS)	accessed
					Marbled Murrelet (Brachyramphus marmoratus )-Threatened, Northwestern			
					Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout			
					(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus			
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Purple Martin		plexippus ), Streak Horned Lark (Eremophila alpestris strigat )-Threatened,		Boccacio (Sebastes paucispinis) - Endangered, Chinnok Salmon	
Southwest	Mason	Jarrell	(Progne subis )	10/24/2024	Yellow-billed Cuckoo (Coccyzus americanus) - Threatened	10/24/2024	(Oncorhynchus tshawytscha )- Threatened	10/24/2024
					Marbled Murrelet (Brachyramphus marmoratus )-Threatened, Northwestern			
					Pond Turtle (Actinemys marmorata ) - Proposed Threatened, Bull Trout			
					(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
Southwest	Pierce	Joemma	Pacific geoduck ( <i>Panopea abrupta</i> )	10/24/2024	plexippus )- Candidate, North American Wolverine (Gulo gulo luscus )-	10/24/2024	orca )- Endangered	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern	<del> </del>		
					Pond Turtle (Actinemys marmorata ) - Proposed Threatened, Bull Trout		Boccacio ( <i>Sebastes paucispinis</i> )- <b>Endangered</b> , Chinnok Salmon	
					(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		(Oncorhynchus tshawytscha) - Threatened, Chum Salmon (Summer)	
Southwest	Kistap	Kitsap Memorial	Dungeness Crab (Cancer magister )	10/24/2024	plexippus )- Candidate, Dolly Varden (Salvelinus malma) -PSAT	10/24/2024	(Oncorhynchus keta )- Threatened	10/24/2024
Oddinwest	Ristap	Kitsup i lemonat	Dangeness Gras (Garrest Magister)	10/24/2024	Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern	<del> </del>	(encomynence keta ) Inicatenca	10/24/2024
					Pond Turtle (Actinemys marmorata) - Proposed Threatened, Bull Trout			
					(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Boccacio (Sebastes paucispinis )- Endangered, Chinnok Salmon	
Couthwest	Diores	Kanachuck	Hardshell Clam ( <i>Mercenaria mercenaria</i> )	10/24/2024		10/24/2024		10/24/2024
Southwest	Pierce	Kopachuck	Hardshell Clain (Mercenana mercenana )	10/24/2024	plexippus )- Candidate, North American Wolverine (Gulo gulo luscus )-	<del> </del>	(Oncorhynchus tshawytscha) - Threatened	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )-Threatened, Northwestern		Passasia (Calcastas mausianinia). Fundanganad (Villan) Whala (Ousinus	
					Pond Turtle (Actinemys marmorata ) - Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Killer Whale (Orcinus	
					(Salvenlinus confluentus )- <b>Threatened</b> , Monarch Butterfly (Danaus		orca )- Endangered, Chinnok Salmon (Oncorhynchus tshawytscha )-	
Southwest	Mason	McMicken	None listed	10/24/2024	plexippus )- Candidate	+	Threatened	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Northwestern			
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Waterfowl		Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Chinnok Salmon	
			Concentrations, Big Brown Bat ( <i>Eptesicus fuscus</i> ), Pacific		(Salvenlinus confluentus )- <b>Threatened</b> , Monarch Butterfly (Danaus		(Oncorhynchus tshawytscha) - Threatened, Chum Salmon (Summer)	
Southwest	Jefferson	Mystery Bay	Herring (Clupea pallasi )	10/24/2024	plexippus )- Candidate	10/24/2024	(Oncorhynchus keta )- Threatened	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern			
					Pond Turtle ( <i>Actinemys marmorata</i> )- <b>Proposed Threatened</b> , Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Chinnok Salmon	
			Hardshell Clam (Mercenaria mercenaria ), Esturine Zone,		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		(Oncorhynchus tshawytscha) - Threatened, Killer Whale (Orcinus orca)-	
Southwest	Pierce	Penrose	Herring ( <i>Clupea pallasi</i> ), Pacific geoduck (Panopea abrupta)	10/24/2024	plexippus )- Candidate, North American Wolverine (Gulo gulo luscus )-	10/24/2024	Endangered	10/24/2024
					Marbled Murrelet (Brachyramphus marmoratus )-Threatened, Northwestern			
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Waterfowl		Pond Turtle (Actinemys marmorata ) - Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Chinnok Salmon	
			Concentrations, Oyster Beds, Northern Spotted Owl (Strix		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		(Oncorhynchus tshawytscha) - Threatened, Chum Salmon (Summer)	
Southwest	Mason	Potlach	occidentalis)	10/24/2024	plexippus )- Candidate, Dolly Varden (Salvelinus malma) -PSAT	10/24/2024	(Oncorhynchus keta )- Threatened	10/24/2024
			,		Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern	<del> </del>		
					Pond Turtle ( <i>Actinemys marmorata</i> ) - <b>Proposed Threatened</b> , Bull Trout			
			Hardshell Clam ( <i>Mercenaria mercenaria</i> ), Northern Spotted		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus		Chinnok Salmon ( <i>Oncorhynchus tshawytsch</i> a)- <b>Threatened</b> , Chum	
Southwest	calallam	Sequim Bay	Owl (Strix occidentalis), Pacific Herring (Clupea pallasi)	10/24/2024	plexippus )- Candidate, Dolly Varden (Salvelinus malma) -PSAT	10/24/2024	Salmon (Summer) (Oncorhynchus keta) - Threatened	10/24/2024
oodtiwest	Catattam	ocquiii bay	Owt (ours occidentalis), i demonenting (otapea pattasi)	10/24/2024	Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )-Threatened, Northwestern	<del> </del>	Junion (Junimer) (Joneomynenus Keta) Timediened	10/24/2024
							Pagagoia (Sahastas nausisninis) Endangered Chinnel Salman	
					Pond Turtle (Actinemys marmorata) - Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis) - Endangered, Chinnok Salmon	
0	Manage Country	Chustah	Nonelistad	10/04/0004	(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus	10/04/0004	(Oncorhynchus tshawytscha) - Threatened, Killer Whale (Orcinus orca)-	10/04/0004
Southwest	Mason County	Stretch	None listed	10/24/2024	plexippus )- Candidate	+	Endangered	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened</b> , Northwestern			
					Pond Turtle (Actinemys marmorata )- Proposed Threatened, Bull Trout		Boccacio (Sebastes paucispinis )- Endangered, Chinnok Salmon	
	_		Dungeness Crab (Cancer magister ), Little Brown Bat (Myotis		(Salvenlinus confluentus )- <b>Threatened</b> , Monarch Butterfly (Danaus		(Oncorhynchus tshawytscha) - Threatened, Killer Whale (Orcinus orca)-	
Southwest	Thurston	Tolmie	lucifugus ), Yuma myoitis (Myotis yumanensis )	10/24/2024	plexippus )- Candidate	+	Endangered	10/24/2024
					Marbled Murrelet ( <i>Brachyramphus marmoratus</i> )- <b>Threatened,</b> Northwestern			
			Hardshell Clam (Mercenaria mercenaria), Pacific geoduck		Pond Turtle ( <i>Actinemys marmorata</i> )- <b>Proposed Threatened</b> , Bull Trout			
			(Panopea abrupta ), Pacific Herring (Clupea pallasi ),		(Salvenlinus confluentus )-Threatened, Monarch Butterfly (Danaus			
Southwest	Mason County	Twanoh	Dungeness Crab (Cancer magister )	10/24/2024	plexippus )- Candidate, Dolly Varden (Salvelinus malma) -PSAT	10/24/2024	Boccacio (Sebastes paucispinis)- Endangered	10/24/2024

#### Attachment G

#### State and federally listed threatened and endangered species

					Date PHS		Date IPaC		Date NMPHS
Reg	ion	County	State Park	WDFW Priority Habitat Species	Accessed	Federally Listed Species (IPaC)	Accessed	Federally Listed Species (NMPHS)	accessed

The following federally listed species are not be anticipated to occur in the project area: Northwestern Pond Turtle (Actinemys marmorata) - Proposed Threatened, Monarch Butterfly (Danaus plexippus) - Candidate, North American Wolverine (Gulo gulo luscus) - Threatened, Island Marble (Euchloe ausonides insulanus) - Endangered, Streak Horned Lark (Eremophila alpestris strigat) - Threatened, Yellow-billed Cuckoo (Coccyzus americanus) - Threatened, Streak Horned Lark (Eremophila alpestris strigat) - Threatened

The following federally listed species are anticipated to occur in the project area: Bull Trout (Salvenlinus confluentus) - Threatened, Dolly Varden (Salvelinus malma) - PSAT, Marbled Murrelet (Brachyramphus marmoratus) - Threatened, Boccacio (Sebastes paucispinis) - Endangered, Killer Whale (Orcinus orca) - Endangered, Chinnok Salmon (Oncorhynchus tshawytscha) - Threatened, Chum Salmon (Summer) (Oncorhynchus keta) - Threatened

No impacts to these species or habitat are anticipated as a result of this project. The proposed activity is maintenance of existing structure, reducing the footprint of existing structures by replacing block anchors with embedded anchors where feasible, and removal of linear moorage systems (four total, Stuart Island two linear moorage systems). Avoidance and minimization measures (AMMs) and best management practices (BMPs) will be implemented during project implementation.

# Statewide Mooring Buoy and Anchor Maintenance SEPA Checklist

### Attachment H -

**Department of Ecology – Water Quality Atlas Data** 

# Attachment H Department of Ecology - Water Quality Atlas Map

Region County State P		State Park	DOE Water Quality Atlas Map	Parameter	Accessed
Southwest	Kitsap	Blake	Category 1, Category 2, Category 2 - 303d	Temperature (Cat 1), Dissolved Oxygen (Cat 2), Bacteria - Fecal coliform (Cat 2)	10/25/2024
Northwest	San Juan	Blind	Category 2 - 303d	Bacteria - Fecal coliform	10/25/2024
Northwest	San Juan	Clark	None		10/25/2024
Southwest	Pierce	Cutts	Category 2 - 303d	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Polychlorinated Biphenyls (PSBs),	10/25/2024
Southwest	Pierce	Eagle	Category 2 - 303d	Bacteria - Fecal coliform	10/25/2024
Southwest	Jefferson	Fort Flagler	Category 2 - 303d	Bacteria - Enterococci	10/25/2024
Southwest	Jefferson	Fort Townsend	None		10/25/2024
Southwest	Jefferson	Fort Worden	Category 2, Category 5 - 303d	Bacteria - Fecal coliform, Dissolved Oxygen, Bacteria - Enterococci (Cat 2), Bacteria - Enterococci (Cat 5),	10/25/2024
Northwest	Skagit	Hope- North	Category 2 - 303d	Bacteria - Fecal coliform	10/25/2024
Southwest	Mason	Hope- South	Category 2 - 303d	Bacteria - Fecal coliform, Temperature, Benzo(a)anthracene, Benzo(b)fluoranthene, Polychlorinated biphenyls (PCBs) (Cat 2), Bacteria - Fecal coliform, Temperature (Cat 1)	10/25/2024
Southwest	Kistap	Ilahee	Category 2, Category 1, Category 5 - 303d	Dissolved Oxygen, Bacteria - Enterococci, Fecal coliform, Benzo(a)anthracene, Benzo(b)fluoranthene, Polychlorinated Biphenyls (PCBs) (Cat 2), Temperature (Cat 1), Bacteria - Enterococci (Cat 5)	10/25/2024
Northwest	San Juan	James	None		10/25/2024
Southwest	Mason	Jarrell	Category 2 - 303d	Bacteria - Fecal coliform	10/25/2024
Southwest	Pierce	Joemma	None	Bustonia i dout douterm	10/25/2024
Northwest	San Juan	Jones	None		10/25/2024
Southwest	Kistap	Kitsap Memorial	Category 5, Category 2, Category 1 - 303d	Dissolved Oxygen (Cat 5), Bacteria - Fecal coliform, pH (Cat 2), Temperature (Cat 1)	10/25/2024
Southwest	Pierce	Kopachuck	Category 2 - 303d	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Polychlorinated Biphenyls (PSBs),	10/25/2024
Northwest	San Juan	Matia	None		10/25/2024
Southwest	Mason	McMicken	Category 2 - 303d	Bacteria - Fecal coliform	10/25/2024
Southwest	Jefferson	Mystery Bay	Category 2 - 303d	Bacteria - Enterococci	10/25/2024
Northwest	San Juan	Obstruction	None		10/25/2024
Northwest	San Juan	Patos	None		10/25/2024
Southwest	Pierce	Penrose	Category 2 - 303d	Bacteria - Fecal coliform	10/25/2024
Southwest	Mason	Potlach	Category 1 - 303d	Bacteria - Fecal coliform	10/25/2024
Northwest	Thurston	Saltwater	Category 5 - 303d, Category 1 - 303d	Bacteria - Fecal coliform (Cat 5), Temperature (Cat 1)	10/25/2024
Southwest	Jefferson	Sequim Bay	Category 5, Category 1 - 303d	Bacteria - Enterococci (Cat 5), Arsenic, Inorganic (Cat 1)	10/25/2024
Northwest	Skagit	Skagit	Category 2 - 303d	Polychlorinated Biphenyls (PCBs)	10/25/2024
Northwest	San Juan	Spencer Spit	None		10/25/2024

# Attachment H Department of Ecology - Water Quality Atlas Map

Region	County	State Park	DOE Water Quality Atlas Map	Parameter	Accessed
Southwest	Mason	Stretch	Category 5, Category 2 - 303d	Dissolved Oxygen (Cat 5), Temperature (Cat 2)	10/25/2024
Northwest	San Juan	Stuart- Prevost	None		10/25/2024
Northwest	San Juan	Stuart- Reid Harbor	None		10/25/2024
Northwest	San Juan	Sucia- Echo	None		10/25/2024
Northwest	San Juan	Sucia- Ewing	None		10/25/2024
Northwest	San Juan	Sucia- Fossil	None		10/25/2024
Northwest	San Juan	Sucia- Fox	None		10/25/2024
Northwest	San Juan	Sucia- Shallow	None		10/25/2024
Northwest	San Juan	Sucia- Snoring	None		10/25/2024
Southwest	Thurston	Tolmie	Category 2 - 303d	Bacteria - Fecal coliform, Ppolychlorinated Biphenyls (PCBs)	10/25/2024
Northwest	San Juan	Turn	None		10/25/2024
Southwest	Mason	Twanoh	Category 2, Category 5 - 303d	Bacteria - Fecal coliform, Temperature (Cat 2), Bacteria - Enterococci (Cat 5)	10/25/2024