



State of Washington
DEPARTMENT OF FISH AND WILDLIFE

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To: Chelsea Morris (ECY-SAM Representative)

From: Danielle Nordstrom (WDFW Representative)

Subject: Deliverable 1a for IAA C2500087

As per the interagency agreement (IAA) No. C2500087, deliverable 1a is complete. Attached you will find the map of confirmed 2025-2026 SAM Mussel Monitoring survey sites and a list (Excel file) of site names and coordinates for confirmed and rejected sites. WDFW field staff conducted an evaluation of 49 sites and confirmed 37 new SAM sites and three reference sites (40 total) with suitable locations to anchor a mussel cage. Original target coordinates were evaluated and, in some cases, adjusted within the limits of the nearshore beach segment length in order to optimize cage placement for better anchorage, safer access for volunteers, and to accommodate site access permissions. Eight sites were rejected, including one new sites in the 0-10% impervious surface stratum, two in the 10-20%, two in the 20 – 40%, and three in the 40 – 100%. Sites were rejected for inability to gain site access permission, presence of dangerous sampling conditions, or high energy conditions at the site risking loss of cage during winter storms. Due to the possibility of losing cages at new locations, WDFW confirmed four additional locations that were over and above the agreed upon 33 new sites. These sites will be used as alternates within their stratum in the event that a cage is lost. Please see attached site list for details on each site evaluated.

Thank you,

Danielle Nordstrom

Fish and Wildlife Biologist

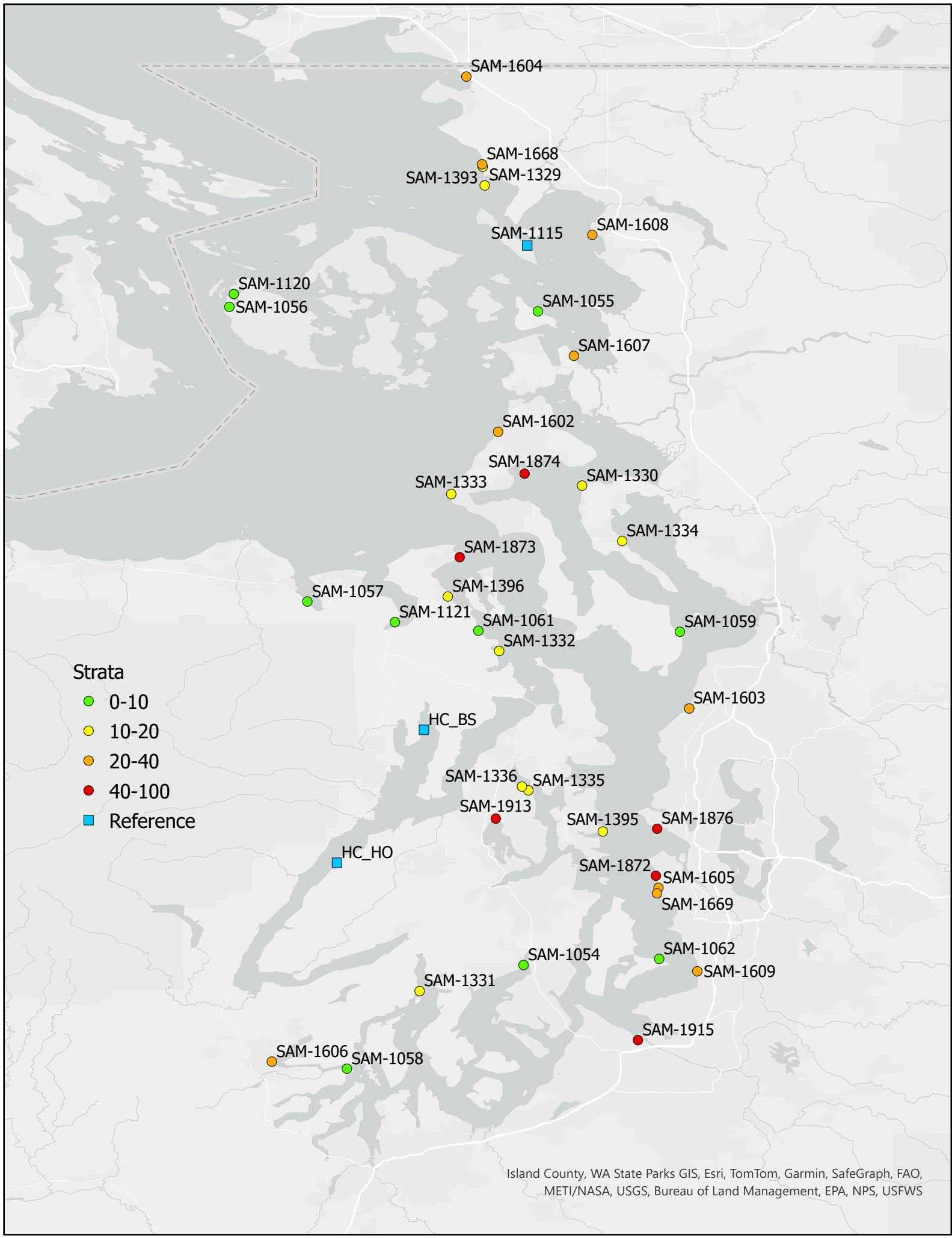
Washington Department of Fish and Wildlife

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Attachments:

SAM2025-26Mussels_Deliverable1A_SiteList.xlsx

SAM2025-26Mussels_Deliverable1A_MapConfirmedSites.pdf



Site ID	SITE NAME	COUNTY	CITY_NM	Target LAT_DD	Target LON_DD	New LAT	New LON	Sponsor	Stratum	Evaluated (Y/N)	Site Comments	Confirmed_Rejected
SAM-1054	Purdy, Burtley Lagoon	Pierce	Purdy	47.38781821	-122.6370649	47.3869515	-122.6367148	SAM	New_[0,10]	Y	Site coordinates moved for access	Confirmed
SAM-1055	Guemes Island E	Skagit	Anacortes	48.56096333	-122.6108192			SAM	New_[0,10]	Y		Confirmed
SAM-1056	Snug Harbor	San Juan	Friday Harbor	48.5691215	-123.1660104	48.569041	-123.165043	SAM	New_[0,10]	Y	Site coordinates moved for access and to avoid creosote pilings	Confirmed
SAM-1057	Sequim Bay State Park	Clallam	Sequim	48.03875595	-123.0233532	48.039767	-123.024878	SAM	New_[0,10]	Y	Site coordinates moved for access and to avoid creosote pilings	Confirmed
SAM-1058	Hammersley Inlet E	Mason	Shelton	47.20098938	-122.9565572	47.200672	-122.953848	SAM	New_[0,10]	Y	Site coordinates moved for access	Confirmed
SAM-1059	Brighton Beach	Island	Clinton	47.98539179	-122.3556762	47.985473	-122.355957	SAM	New_[0,10]	Y	Site coordinates moved for access	Confirmed
SAM-1060	Otis Perkins Park	San Juan	Coupeville	48.50164139	-122.9378093			SAM	New_[0,10]	Y	High energy beach	Rejected
SAM-1061	Oak Bay S	Jefferson	Port Ludlow	47.98744926	-122.7179259			SAM	New_[0,10]	Y		Confirmed
SAM-1062	SW Luana Ln	King	Vashon	47.39802854	-122.3931515			SAM	New_[0,10]	Y		Confirmed
SAM-1120	Bell Point Trail	San Juan	Friday Harbor	48.59218558	-123.156898			SAM	New_[0,10] Alt1	Y		Confirmed
SAM-1121	Discovery Bay 3	Jefferson	Port Townsend	48.00265038	-122.8680596	48.002814	-122.867692	SAM	New_[0,10] Alt2	Y	Site coordinates moved to avoid creosote pilings	Confirmed
SAM-1328	Pearl Island	San Juan	Friday Harbor	48.61592643	-123.16405			SAM	New_[10,20]	Y	Site is only accessible by private boat	Rejected
SAM-1329	Sandy Point	Whatcom	Ferndale	48.78733129	-122.7086701	48.787214	-122.706469	SAM	New_[10,20]	Y	Site coordinates moved for access	Confirmed
SAM-1330	Camano Rocky Pt	Island	Camano	48.24590712	-122.5326455	48.24798	-122.53167	SAM	New_[10,20]	Y	Site coordinates moved for access	Confirmed
SAM-1331	Reach Island E	Mason	Allyn	47.340144	-122.8233394			SAM	New_[10,20]	Y		Confirmed
SAM-1332	Snake Rock	Jefferson	Port Ludlow	47.95097788	-122.6804395			SAM	New_[10,20]	Y		Confirmed
SAM-1333	Libby Beach	Island	Coupeville	48.23265798	-122.7665139			SAM	New_[10,20]	Y		Confirmed
SAM-1334	Camano Beach 3	Island	Camano	48.14852127	-122.4595217			SAM	New_[10,20]	Y		Confirmed
SAM-1335	Keyport Saltwater Park	Kitsap	Keyport	47.70070455	-122.6280901			SAM	New_[10,20]	Y		Confirmed
SAM-1336	Virginia Point W	Kitsap	Poulsbo	47.70745609	-122.6395226			SAM	New_[10,20]	Y		Confirmed
SAM-1393	Cherry Point Aquatic Reserve	Whatcom	Ferndale	48.81961529	-122.7093733	48.8208	-122.7101	SAM	New_[10,20] Alt1	Y		Confirmed
SAM-1394	Swinomish Channel N	Skagit	Anacortes	48.46222238	-122.5277368			SAM	New_[10,20] Alt2	Y	No access and shifting sandy island	Rejected
SAM-1395	Wing Point E	Kitsap	Bainbridge Islanc	47.62666727	-122.4944041	47.623606	-122.494742	SAM	New_[10,20] Alt3	Y	Site coordinates moved for safer access	Confirmed
SAM-1396	Chimacum Creek Delta	Jefferson	Port Hadlock	48.04877746	-122.7726423			SAM	New_[10,20] Alt4	Y		Confirmed
SAM-1602	Whidbey Ault Field	Island	Oak Harbor	48.34469701	-122.682421			SAM	New_[20,40]	Y		Confirmed
SAM-1603	Browns Bay	Snohomish	Lynwood	47.84495558	-122.3417703	47.84768	-122.339197	SAM	New_[20,40]	Y	Site coordinates moved for access and to avoid creosote pilings	Confirmed
SAM-1604	Drayton Hrb, Brickyard Park	Whatcom	Blaine	48.98269907	-122.7393845			SAM	New_[20,40]	Y		Confirmed
SAM-1605	Fontleroy	King	Seattle	47.52561268	-122.3943613			SAM	New_[20,40]	Y		Confirmed
SAM-1606	Shelton Creek W	Mason	Shelton	47.21368721	-123.0935803	47.213447	-123.088789	SAM	New_[20,40]	Y	Site coordinates moved to a safer locatoin	Confirmed
SAM-1607	Padilla Bay W	Skagit	Anacortes	48.48115644	-122.546321			SAM	New_[20,40]	Y		Confirmed
SAM-1608	Clark's Point N	Whatcom	Bellingham	48.69504775	-122.5117468	48.698381	-122.51323	SAM	New_[20,40]	Y	Site coordinates moved for access and better substrate	Confirmed
SAM-1609	Saltwater State Park	King	Des Moines	47.37905016	-122.32509	47.375765	-122.324711	SAM	New_[20,40]	Y	Site coordinates moved for access and to avoid sloughing cliff	Confirmed
SAM-1610	Ediz Hook	Clallam	Port Angeles	48.14200172	-123.4369772			SAM	New_[20,40]	Y	High energy beach	Rejected
SAM-1668	Neptune Beach N	Whatcom	Ferndale	48.82788768	-122.7116943	48.825149	-122.710957	SAM	New_[20,40] Alt1	Y	Site coordinates moved for access and better substrate	Confirmed
SAM-1669	Brace Point S	King	Seattle	47.51572976	-122.3969317			SAM	New_[20,40] Alt2	Y		Confirmed
SAM-1670	Shelton Creek E	Mason	Shelton	47.21326583	-123.0912015			SAM	New_[20,40] Alt3	Y	Not usable with SAM-1606 as both end at same location	Rejected
SAM-1871	Wheeler-Osgood E	Pierce	Tacoma	47.25179738	-122.4291918	47.250928	-122.427756	SAM	New_[40,100]	Y	Unable to gain permission from BNSF, site it very close to SAM-1915	Rejected
SAM-1872	Seaview S	King	Seattle	47.54722827	-122.3990683			SAM	New_[40,100]	Y		Confirmed
SAM-1873	Point Hudson	Jefferson	Port Townsend	48.11935712	-122.7513918			SAM	New_[40,100]	Y		Confirmed
SAM-1874	Maylor Point	Island	Oak Harbor	48.26899951	-122.6332527	48.269444	-122.634847	SAM	New_[40,100]	Y	Site coordinates moved to a more secure pocket beach	Confirmed
SAM-1875	Hylebos Creek	Pierce	Tacoma	47.25948186	-122.3583737			SAM	New_[40,100]	Y	Location <100m from vessel storage	Rejected
SAM-1876	Magnolia Tidelands	King	Seattle	47.63170648	-122.3967318			SAM	New_[40,100]	Y		Confirmed
SAM-1913	Old Mill Park	Kitsap	Silverdale	47.64881583	-122.690514	47.64981	-122.68662	SAM	New_[40,100] Alt1	Y	Site coordinates moved for access and to avoid creosote pilings	Confirmed
SAM-1914	Port of Everett	Snohomish	Everett	47.97657671	-122.2227167			SAM	New_[40,100] Alt2	Y	Access denied	Rejected
SAM-1915	Wheeler-Osgood W	Pierce	Tacoma	47.25194276	-122.4299173	47.252108	-122.431242	SAM	New_[40,100] Alt3	Y	Site coordinates moved due to proximity of marina	Confirmed
HC_BS	Broad Spit	Kitsap	Quilcene Bay	47.80934	-122.81556			SAM	Reference	Y		Confirmed
HC_HO	Hood Canal Holly	Kitsap	Holly	47.5706	-122.9717			SAM	Reference	Y		Confirmed
SAM-1115	Aiston Preserve	Whatcom	Lummi Island	48.6793778	-122.6300583			SAM	Reference	Y		Confirmed