APPENDIX A

Geographic Coordinates of Sampling Locations

Table A-1. Budd Inlet Surface Grab Sample Locations – R/V Kittiwake

Station No.	Sample Rep.	Date	GPS Time	Meter Block Depth m.	Meter Block Depth ft.	Predicted Nearest Tide ft.	Predicted Mudline Depth, ft. (MLLW)	Station Target NAD 1983 / Wash. South Easting (X)	Station Target NAD 1983 / Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Easting (X)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Latitude	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Longitude	Distance to Target (m.)	GPS Status HDOP	Comments
BI-C01	1	12-Apr	0923	5.5	18.0	7.2	-10.8	1040461.7	635422.4	1040462.0	635422.6	47 03.0406	122 54.4286	0.1	1.0	
BI-C01	2		0931	5.5	18.0	7.2	-10.8	1040461.7	635422.4	1040462.9	635425.6	47 03.0411	122 54.4284	1.1	1.1	
BI-C02	1	12-Apr	0948	2.7	8.9	7.3	-1.6	1039601.9	636175.4	1039601.7	636172.6	47 03.1596	122 54.6411	0.9	1.0	
BI-C02	2		0957	2.6	8.5	7.4	-1.1	1039601.9	636175.4	1039600.1	636175.7	47 03.1601	122 54.6415	0.6	1.1	
BI-C05	1	14-Apr	1644	14.0	45.9	11.7	-34.2	1040924.5	637174.0	1040767.2	637183.6	47 03.3317	122 54.3681	48.0	1.8	Tied to dock
BI-C05	2		1650	13.8	45.3	11.6	-33.7	1040924.5	637174.0	1040766.1	637187.9	47 03.3324	122 54.3684	48.5	1.6	west of
BI-C05	3		1655	13.8	45.3	11.5	-33.8	1040924.5	637174.0	1040768.8	637181.7	47 03.3314	122 54.3677	47.5	1.8	station
BI-C06	1	12-Apr	1151	4.3	14.1	9.6	-4.5	1040071.9	638741.0	1040069.2	638741.7	47 03.5844	122 54.5475	0.9	0.9	
BI-C06	2		1201	4.3	14.1	9.8	-4.3	1040071.9	638741.0	1040074.6	638739.7	47 03.5841	122 54.5462	0.9	0.9	
BI-C07	1	12-Apr	1414	4.6	15.1	10.2	-4.9	1041025.2	639208.5	1041027.3	639208.7	47 03.6660	122 54.3204	0.6	1.1	
BI-C07	2		1424	4.2	13.8	10.1	-3.7	1041025.2	639208.5	1041025.6	639207.6	47 03.6658	122 54.3208	0.3	1.1	
BI-C08	1	12-Apr	1352	3.9	12.8	10.5	-2.3	1041914.4	639173.5	1041915.5	639174.3	47 03.6648	122 54.1064	0.4	1.3	
BI-C08	2		1403	3.8	12.5	10.4	-2.1	1041914.4	639173.5	1041915.4	639171.3	47 03.6643	122 54.1064	0.7	1.3	
BI-C09	1	11-Apr	1704	5.8	19.0	3.2	-15.8	1043052.8	638649.1	1043052.0	638651.4	47 03.5845	122 53.8291	0.8	1.7	
BI-C09	2		1712	5.4	17.7	3.0	-14.7	1043052.8	638649.1	1043052.8	638650.8	47 03.5844	1224 53.8289	0.5	1.8	
BI-C10	1	13-Apr	1224	6.9	22.6	8.4	-14.2	1043222.1	637336.4	1043219.2	637313.9	47 03.3654	122 53.7791	6.9	1.0	Moved sta.
BI-C10	2		1231	7.2	23.6	8.4	-15.2	1043222.1	637336.4	1043219.9	637312.0	47 03.3651	122 53.7789	7.5	1.0	dock
BI-C11	1	14-Apr	0953	11.8	38.7	4.3	-34.4	1037613.3	644766.9	1037616.0	644767.6	47 04.5629	122 55.1823	0.8	1.1	
BI-C11	2		1001	12.0	39.4	4.2	-35.2	1037613.3	644766.9	1037612.6	644767.1	47 04.5628	122 55.1831	0.2	1.1	
BI-C12	1	13-Apr	1607	13.0	42.7	10.1	-32.6	1036905.1	646414.4	1036905.4	646413.8	47 04.8300	122 55.3655	0.2	1.4	
BI-C12	2		1612	13.1	43.0	10.0	-33.0	1036905.1	646414.4	1036905.0	646413.2	47 04.8299	122 55.3656	0.4	1.4	
BI-C13	1	13-Apr	1516	3.3	10.8	10.9	0.1	1042283.5	638605.8	1042282.6	638604.3	47 03.5729	122 54.0139	0.5	1.5	
BI-C13	2		1523	3.5	11.5	10.9	-0.6	1042283.5	638605.8	1042282.3	638606.7	47 03.5733	122 54.0140	0.5	1.5	
BI-C14	1	13-Apr	1150	5.0	16.4	7.6	-8.8	1040959.4	637705.5	1040957.7	637706.3	47 03.4186	122 54.3261	0.6	0.9	
BI-C14	2		1157	5.0	16.4	7.7	-8.7	1040959.4	637705.5	1040959.0	637706.2	47 03.4186	122 54.3258	0.3	0.9	

Table A-1. Budd Inlet Surface Grab Sample Locations – R/V Kittiwake (continued)

Station No.	Sample Rep.	Date	GPS Time	Meter Block Depth m.	Meter Block Depth ft.	Predicted Nearest Tide ft.	Predicted Mudline Depth, ft. (MLLW)	Station Target NAD 1983 / Wash. South Easting (X)	Station Target NAD 1983 / Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Easting (X)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Latitude	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Longitude	Distance to Target No.	GPS Status Rep.	Station
BI-C15	1	12-Apr	1010	15.6	51.2	7.6	-43.6	1040795.3	636116.2	1040795.3	636114.9	47 03.1561	122 54.3535	0.4	1.2	
BI-C15	2		1018	15.6	51.2	7.7	-43.5	1040795.3	636116.2	1040794.9	636114.9	47 03.1561	122 54.3536	0.4	1.2	
BI-C16	1	12-Apr	1029	13.3	43.6	7.9	-35.7	1040693.8	636511.9	1040691.9	636511.5	47 03.2208	122 54.3813	0.6	1.1	
BI-C16	2		1036	13.3	43.6	8.0	-35.6	1040693.8	636511.9	1040694.3	636510.8	47 03.2207	122 54.3807	0.4	1.1	
BI-C17	1	14-Apr	1013	8.0	26.2	4.1	-22.1	1039282.9	643193.9	1039284.5	643194.3	47 04.3126	122 54.7691	0.5	1.2	
BI-C17	2		1018	8.0	26.2	4.1	-22.1	1039282.9	643193.9	1039283.3	643195.5	47 04.3128	122 54.7694	0.5	1.1	
BI-C18	1	13-Apr	1404	2.8	9.2	10.9	1.7	1043622.2	634834.2	1043618.9	634834.5	47 02.9597	122 53.6648	1.0	1.1	
BI-C18	2		1410	2.6	8.5	11.0	2.5	1043622.2	634834.2	1043623.9	634835.0	47 02.9598	122 53.6636	0.6	1.1	
BI-C18	3		1419	2.5	8.2	11.0	2.8	1043622.2	634834.2	1043624.8	634836.2	47 02.9600	122 53.6634	1.0	1.1	
BI-S01	1	11-Apr	1435	8.9	29.2	8.9	-20.3	1040140.7	633665.2	1040139.9	633665.8	47 02.7501	122 54.4932	0.3	1.0	Moved sta.
BI-S01	2		1453	9.0	29.5	7.5	-22.0	1040140.7	633665.2	1040144.4	633665.1	47 02.7500	122 54.4921	1.1	0.9	east
BI-S02	1	12-Apr	0900	5.2	17.1	7.2	-9.9	1040511.3	634591.6	1040511.9	634593.4	47 02.9045	122 54.4105	0.6	1.0	
BI-S02	2		0911	5.1	16.7	7.2	-9.5	1040511.3	634591.6	1040512.7	634591.0	47 02.9041	122 54.4103	0.5	1.2	
BI-S03	1	12-Apr	1222	2.9	9.5	10.2	0.7	1040002.5	634884.7	1040005.8	634885.0	47 02.9499	122 54.5344	1.0	1.4	
BI-S03	2		1232	3.2	10.5	10.3	-0.2	1040002.5	634884.7	1040003.4	634885.7	47 02.9500	122 54.5350	0.4	1.0	
BI-S04	1	13-Apr	0922	4.9	16.1	5.9	-10.2	1040698.6	635045.6	1040952.0	635106.0	47 02.9910	122 54.3084	79.4	1.0	Moved 80 m.
BI-S04	2		0929	4.9	16.1	5.8	-10.3	1040698.6	635045.6	1040953.4	635110.2	47 02.9917	122 54.3081	80.1	1.0	east, ne
BI-S04	3		0936	4.9	16.1	5.8	-10.3	1040698.6	635045.6	1040954.1	635107.8	47 02.9913	122 54.3079	80.1	1.0	
BI-S05	1	12-Apr	1244	2.5	8.2	10.5	2.3	1039172.8	636848.3	1039335.5	636860.0	47 03.2713	122 54.7102	49.7	1.0	Moved sta.
BI-S05	2		1254	2.7	8.9	10.6	1.7	1039172.8	636848.3	1039333.9	636860.7	47 03.2714	122 54.7106	49.2	1.2	east
BI-S06	1	12-Apr	1304	3.1	10.2	10.6	0.4	1039301.5	637942.6	1039302.1	637942.3	47 03.4491	122 54.7262	0.2	1.2	
BI-S06	2		1313	3.1	10.2	10.6	0.4	1039301.5	637942.6	1039301.3	637942.4	47 03.4491	122 54.7264	0.1	1.2	
BI-S07	1	12-Apr	1328	2.5	8.2	10.6	2.4	1039051.2	638557.7	1039051.6	638556.3	47 03.5488	122 54.7910	0.4	1.3	
BI-S07	2		1335	2.5	8.2	10.6	2.4	1039051.2	638557.7	1039051.2	638556.3	47 03.5488	122 54.7911	0.4	1.2	
BI-S09	1	13-Apr	1449	2.9	9.5	11.1	1.6	1043538.6	636828.2	1043535.6	636826.9	47 03.2869	122 53.6994	1.0	0.9	
BI-S09	2		1457	3.1	10.2	11.1	0.9	1043538.6	636828.2	1043538.2	636829.2	47 03.2873	122 53.6988	0.3	0.9	

Table A-1. Budd Inlet Surface Grab Sample Locations – R/V Kittiwake (continued)

Station No.	Sample Rep.	Date	GPS Time	Meter Block Depth m.	Meter Block Depth ft.	Predicted Nearest Tide ft.	Predicted Mudline Depth, ft. (MLLW)	Station Target NAD 1983 / Wash. South Easting (X)	Station Target NAD 1983 / Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Easting (X)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Latitude	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Longitude	Distance to Target No.	GPS Status Rep.	Station
BI-S09	3		1502	3.0	9.8	11.0	1.2	1043538.6	636828.2	1043538.5	636826.8	47 03.2869	122 53.6987	0.4	1.4	
BI-S10	1	13-Apr	1429	4.0	13.1	11.1	-2.0	1043392.8	635555.3	1043393.1	635555.3	47 03.0771	122 53.7244	0.1	0.9	
BI-S10	2		1437	4.0	13.1	11.1	-2.0	1043392.8	635555.3	1043393.5	635554.7	47 03.0770	122 53.7243	0.3	0.9	
BI-S11	1	13-Apr	0843	7.4	24.3	6.5	-17.8	1040902.6	633996.0	1040899.0	633997.2	47 02.8084	122 54.3130	1.1	1.0	
BI-S11	2		0851	7.0	23.0	6.3	-16.7	1040902.6	633996.0	1040903.1	633995.2	47 02.8081	122 54.3120	0.3	1.0	
BI-S12	1	13-Apr	1533	4.6	15.1	10.7	-4.4	1042953.0	639512.4	1042953.5	639512.5	47 03.7256	122 53.8591	0.2	1.4	
BI-S12	2		1543	4.8	15.7	10.6	-5.1	1042953.0	639512.4	1042956.5	639513.6	47 03.7258	122 53.8584	1.1	1.2	
BI-S13	1	11-Apr	1643	4.0	13.1	3.9	-9.2	1042020.6	640332.9	1042024.8	640332.0	47 03.8557	122 54.0886	1.3	1.6	
BI-S13	2		1652	3.9	12.8	3.6	-9.2	1042020.6	640332.9	1042024.8	640332.0	47 03.8557	122 54.0886	1.3	1.6	
BI-S14	1	11-Apr	1620	3.0	9.8	4.7	-5.1	1041110.1	640121.0	1041110.4	640122.7	47 03.8167	122 54.3071	0.5	1.4	
BI-S14	2		1628	2.9	9.5	4.4	-5.1	1041110.1	640121.0	1041110.0	640123.3	47 03.8168	122 54.3072	0.7	1.4	
BI-S15	1	14-Apr	1320	3.2	10.5	8.2	-2.3	1042430.2	641281.1	1042430.6	641282.3	47 04.0140	122 53.9979	0.4	1.6	
BI-S15	2		1324	3.2	10.5	8.3	-2.2	1042430.2	641281.1	1042430.6	641282.9	47 04.0141	122 53.9979	0.6	1.5	
BI-S16	1	13-Apr	1003	4.3	14.1	5.7	-8.4	1039798.0	640389.0	1039798.0	640391.4	47 03.8543	122 54.6249	0.7	1.1	
BI-S16	2		1012	4.7	15.4	5.8	-9.6	1039798.0	640389.0	1039800.7	640386.4	47 03.8535	122 54.6242	1.1	1.1	
BI-S17	1	13-Apr	1023	5.9	19.4	5.8	-13.6	1039233.5	641229.9	1039231.9	641230.3	47 03.9894	122 54.7673	0.5	1.1	
BI-S17	2		1030	5.9	19.4	5.9	-13.5	1039233.5	641229.9	1039233.2	641230.9	47 03.9895	122 54.7670	0.3	1.1	
BI-S18	1	14-Apr	1029	5.4	17.7	4.0	-13.7	1040265.9	641902.8	1040268.4	641902.9	47 04.1052	122 54.5228	0.8	1.1	
BI-S18	2		1038	5.8	19.0	4.0	-15.0	1040265.9	641902.8	1040266.0	641904.8	47 04.1055	122 54.5234	0.6	1.1	
BI-S19	1	14-Apr	1452	3.8	12.5	11.3	-1.2	1041518.4	641896.6	1041521.4	641896.9	47 04.1105	122 54.2212	0.9	0.9	
BI-S19	2		1459	3.8	12.5	11.4	-1.1	1041518.4	641896.6	1041519.8	641898.1	47 04.1107	122 54.2216	0.6	1.2	
BI-S19	3		1507	3.8	12.5	11.6	-0.9	1041518.4	641896.6	1041522.7	641896.8	47 04.1105	122 54.2209	1.3	1.2	
BI-S20	1	12-Apr	1757	5.7	18.7	4.0	-14.7	1040022.5	643067.4	1040022.7	643067.7	47 04.2955	122 54.5905	0.1	1.1	
BI-S20	2		1803	5.6	18.4	3.8	-14.6	1040022.5	643067.4	1040026.4	643065.7	47 04.2952	122 54.5896	1.3	1.1	
BI-S21	1	13-Apr	1039	7.9	25.9	6.0	-19.9	1038477.8	642421.6	1038478.0	642421.1	47 04.1814	122 54.9575	0.2	1.1	
BI-S21	2		1045	7.8	25.6	6.1	-19.5	1038477.8	642421.6	1038476.4	642422.3	47 04.1816	122 54.9579	0.5	1.1	
BI-S22	1	12-Apr	1742	6.2	20.3	4.5	-15.8	1039241.1	644383.9	1039240.8	644385.7	47 04.5083	122 54.7884	0.6	1.5	
BI-S22	2		1748	6.1	20.0	4.3	-15.7	1039241.1	644383.9	1039240.0	644386.4	47 04.5084	122 54.7886	0.8	1.1	

Table A-1. Budd Inlet Surface Grab Sample Locations – R/V Kittiwake (continued)

Station No.	Sample Rep.	Date	GPS Time	Meter Block Depth m.	Meter Block Depth ft.	Predicted Nearest Tide ft.	Predicted Mudline Depth, ft. (MLLW)	Station Target NAD 1983 / Wash. South Easting (X)	Station Target NAD 1983 / Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Easting (X)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Latitude	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Longitude	Distance to Target No.	GPS Status Rep.	Station
BI-S23	1	12-Apr	1725	6.2	20.3	5.1	-15.2	1039203.1	646129.1	1039202.0	646130.5	47 04.7950	122 54.8106	0.6	1.3	
BI-S23	2		1732	6.0	19.7	4.8	-14.9	1039203.1	646129.1	1039204.0	646129.2	47 04.7948	122 54.8101	0.3	1.3	
BI-S24	1	12-Apr	1708	11.9	39.0	5.6	-33.4	1035594.4	647789.1	1035594.7	647790.2	47 05.0497	122 55.6912	0.4	1.9	
BI-S24	2		1714	11.5	37.7	5.5	-32.2	1035594.4	647789.1	1035594.0	647792.1	47 05.0500	122 55.6914	0.9	1.3	
BI-S25	1	12-Apr	1652	19.0	62.3	6.2	-56.1	1036079.3	650223.3	1036080.8	650221.3	47 05.4519	122 55.5922	0.8	1.8	
BI-S25	2		1658	19.0	62.3	6.0	-56.3	1036079.3	650223.3	1036080.0	650221.9	47 05.4520	122 55.5924	0.5	1.8	
BI-S26	1	12-Apr	1631	14.0	45.9	6.9	-39.0	1038183.6	651117.2	1038187.4	651115.0	47 05.6095	122 55.0916	1.3	1.9	
BI-S26	2		1642	14.0	45.9	6.5	-39.4	1038183.6	651117.2	1038186.6	651115.0	47 05.6095	122 55.0918	1.1	1.9	
BI-S27	1	12-Apr	1608	9.2	30.2	7.6	-22.6	1040223.8	649442.6	1040225.4	649441.0	47 05.3445	122 54.5886	0.7	1.6	
BI-S27	2		1615	9.1	29.9	7.4	-22.5	1040223.8	649442.6	1040222.5	649441.1	47 05.3445	122 54.5893	0.6	1.6	
BI-S28	1	12-Apr	1543	16.1	52.8	8.3	-44.5	1039639.1	657802.1	1039642.5	657798.5	47 06.7158	122 54.7905	1.5	1.5	
BI-S28	2		1550	16.1	52.8	8.1	-44.7	1039639.1	657802.1	1039641.3	657799.1	47 06.7159	122 54.7908	1.1	1.2	
BI-S29	1	12-Apr	1522	13.9	45.6	8.9	-36.7	1039480.1	664186.0	1039481.1	664186.7	47 07.7654	122 54.8765	0.4	1.5	
BI-S29	2		1529	14.0	45.9	8.7	-37.2	1039480.1	664186.0	1039480.7	664187.3	47 07.7655	122 54.8766	0.4	1.5	
BI-S31	1	14-Apr	1107	3.4	11.2	4.2	-7.0	1042594.1	637881.6	1042667.9	637951.6	47 03.4675	122 53.9164	31.0	1.0	
BI-S31	2		1115	3.4	11.2	4.3	-6.9	1042594.1	637881.6	1042669.5	637947.9	47 03.4669	122 53.9160	30.6	1.0	
BI-S32	1	14-Apr	1402	3.8	12.5	9.8	-2.7	1039335.4	637345.1	1039336.2	637344.7	47 03.3510	122 54.7136	0.3	1.9	
BI-S32	2		1407	3.4	11.2	10.0	-1.2	1039335.4	637345.1	1039334.5	637344.8	47 03.3510	122 54.7140	0.3	1.1	
BI-S32	3		1413	3.6	11.8	10.1	-1.7	1039335.4	637345.1	1039335.8	637346.5	47 03.3513	122 54.7137	0.5	1.1	
BI-S33	1	12-Apr	1112	3.6	11.8	8.8	-3.0	1039554.8	637264.5	1039552.8	637265.7	47 03.3391	122 54.6609	0.7	1.0	
BI-S33	2		1119	3.4	11.2	8.9	-2.3	1039554.8	637264.5	1039556.9	637263.2	47 03.3387	122 54.6599	0.8	1.0	
BI-S35	1	12-Apr	1130	4.2	13.8	9.2	-4.6	1040051.9	638168.3	1040051.7	638167.6	47 03.4899	122 54.5475	0.2	0.9	
BI-S35	2		1140	4.6	15.1	9.4	-5.7	1040051.9	638168.3	1040051.6	638165.1	47 03.4895	122 54.5475	1.0	0.9	
BI-S36	1	11-Apr	1537	11.8	38.7	6.1	-32.6	1040440.3	637590.7	1040440.5	637588.9	47 03.3967	122 54.4497	0.6	1.2	
BI-S36	2		1547	11.6	38.1	5.7	-32.4	1040440.3	637590.7	1040442.2	637591.3	47 03.3971	122 54.4493	0.6	1.4	
BI-S37	1	11-Apr	1516	12.1	39.7	6.8	-32.9	1040464.5	636926.3	1040462.3	636928.4	47 03.2882	122 54.4396	0.9	1.2	

Table A-1. Budd Inlet Surface Grab Sample Locations – R/V Kittiwake (continued)

Station No.	Sample Rep.	Date	GPS Time	Meter Block Depth m.	Meter Block Depth ft.	Predicted Nearest Tide ft.	Predicted Mudline Depth, ft. (MLLW)	Station Target NAD 1983 / Wash. South Easting (X)	Station Target NAD 1983 / Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Easting (X)	Sample Location DGPS, Trimble NT300D NAD 1983, Wash. South Northing (Y)	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Latitude	Sample Location DGPS, Trimble NT300D NAD 1983, Decimal Minutes Longitude	Distance to Target No.	GPS Status Rep.	Station
BI-S37	2		1524	12.1	39.7	6.5	-33.2	1040464.5	636926.3	1040466.5	636931.3	47 03.2887	122 54.4386	1.6	1.2	
BI-S38	1	13-Apr	1129	3.9	12.8	7.0	-5.8	1040971.4	638057.1	1040971.0	638058.6	47 03.4766	122 54.3255	0.5	0.9	
BI-S38	2		1138	4.1	13.5	7.2	-6.3	1040971.4	638057.1	1040969.7	638058.0	47 03.4765	122 54.3258	0.6	0.9	
CR-24	1	15-Apr	0823	16.0	52.5	6.5	-46.0	1101498.9	736769.7	1101496.8	736768.3	47 19.9968	122 40.4155	0.8	1.1	Reference
60% fines																sediment

Table A-2. Budd Inlet Core Sample Locations – R/V Nancy Anne

Station	Date	Time	Lat (N)	Long (W)	Phase I Status	Notes:
BI-C1	4/2/2007	1457	47 03.0414	122 54.4293	Analyze 4-5, 9-10ft	
BI-C2	4/2/2007	1527	47 03.1612	122 54.6420	Analyze 1-2, 2-3ft	
BI-C3	4/4/2007	1410	47 03.1187	122 54.3300	Analyze 0-1, 1-2, 2-3ft	
BI-C4	4/4/2007	1301	47 03.2280	122 54.3478	Analyze 0-1, 3-4, 6-7ft	
BI-C5	4/3/2007	1429	47 03.3415	122 54.3623	Analyze 3-4, 6-7ft	
BI-C6	4/2/2007	1404	47 03.5830	122 54.5449	Analyze 1-2, 2-3ft	
BI-C7	4/3/2007	815	47 03.6651	122 54.3205	Analyze 1-2, 2-3ft	
BI-C8	4/2/2007	1504	47 03.6665	122 54.1066	Archive all	
BI-C9	4/2/2007	1114	47 03.5856	122 53.8283	Archive all	
BI-C10	4/2/2007	1039	47 03.3650	122 53.7798	Analyze 2-3, 4-5ft	
BI-C11	4/2/2007	1236	47 04.5640	122 55.1853	Archive all	
BI-C12	4/2/2007	1300	47 04.8306	122 55.3623	Archive all	
BI-C13	4/2/2007	1607	47 03.5748	122 54.0156	Analyze 1-2, 2-3ft	
BI-C14	4/2/2007	1431	47 03.4194	122 54.3277	Archive all	
BI-C15	4/3/2007	1006	47 03.1548	122 54.3518	Analyze 2-3, 4-5ft	
BI-C16	4/3/2007	922	47 03.2212	122 54.3809	Analyze 1-2, 2-3ft	
BI-C17	4/2/2007	1210	47 04.3121	122 54.7873	Archive all	
BI-C18	4/2/2007	940	47 02.9650	122 53.6585	Analyze 1-2, 2-3ft	
BI-D1	4/3/2007	850	47 03.3392	122 54.6577	Analyze	Dating core
BI-D2	4/2/2007	1632	47 02.9651	122 53.6580	Analyze	Dating core co-located with C18
BI-D3	4/3/2007	1047	47 04.1058	122 54.5253	Analyze	Dating core

Table A-3. Budd Inlet Intertidal Sediment and Tissue Collection Coordinates

Station	Date	Time	Lat (N)	Long (W)	Notes:
TISSUE3	4/5/2007	1415	47 03.5383	122 54.1779	Location for tissues and co-located sediment samples
TISSUE2	4/6/2007	1330	47 03.9787	122 53.8086	middle of transect where tissues and sediments collected
TISSUE1	4/6/2007	1300	47 03.3790	122 54.7470	lower intertidal location where Macoma, ghost shrimp and sed sample collected
TISSUE1B	4/6/2007	1600	47 03.3750	122 54.7370	upper intertidal where littlenecks and sed sample collected
BI-S34	4/6/2007	1515	47 03.048	122 54.305	middle of transect where sediments collected
BI-S30	6/15/2007	1030	47 02.863	122 53.678	Primary BI-S30 location, to the east of the Moxlie Creek channel
BI-S30B	6/15/2007	1130	47 02.850	122 53.712	Secondary BI-S30 location, along the lower west area of the Moxlie Creek channel

Table A-4. Budd Inlet Fish Trawls – R/V Kittiwake

Standard 7.6-meter SCCWRP Trawl								Ordered by Date and Time		
Station Name	Date		Time	Depth (feet)	Predicted Tide	Mudline Depth (feet)	Wire Out (feet)	Northstar DGPS (NAD 83) Latitude decimal min.	Longitude decimal min.	Trawl Distance & Time Comments
1-A	10-Apr-07	**Start Set**	1409	38	6.7	-31		47 04.093	122 54.631	0.25 nm
		Start Tow	1410	38	6.7	-31	300	47 04.036	122 54.588	6 min.
		End	1416	37	6.5	-31		47 03.803	122 54.452	158º true
					ebb					
1-B	10-Apr-07	**Start Set**	1429	39	6.0	-33		47 03.945	122 54.523	.25 nm
		Start Tow	1430	37	6.0	-31	300	47 04.003	122 54.580	6 min.
		End	1436	39	5.8	-33		47 04.218	122 54.768	329º true
					ebb					
1-C	10-Apr-07	**Start Set**	1453	22	5.2	-17		47 04.186	122 54.643	.25 nm
		Start Tow	1454	21	5.2	-16	180	47 04.233	122 54.643	6 min.
		End	1500	19	4.9	-14		47 04.476	122 54.738	345º true
					ebb					
3-A	10-Apr-07	**Start Set**	1525	40	4.0	-36		NA	NA	.25 nm
		Start Tow	1526	42	4.0	-38	300	47 06.174	122 54.930	6 min.
		End	1532	49	3.8	-45		47 06.425	122 54.910	003º true
					ebb					
3-B	10-Apr-07	**Start Set**	1555	86	3.0	-83		NA	NA	.30 nm
		Start Tow	1557	89	3.0	-86	550	47 07.879	122 55.224	7 min.
		End	1604	93	2.8	-90		47 08.180	122 55.232	359º true
					ebb					

Table A-4. Budd Inlet Fish Trawls – R/V Kittiwake (continued)

Station Name	Date		Time	Depth (feet)	Predicted Tide	Mudline Depth (feet)	Wire Out (feet)	Northstar DGPS (NAD 83) Latitude decimal min.	Northstar DGPS (NAD 83) Longitude decimal min.	Trawl Distance & Time Comments
3-C	10-Apr-07	**Start Set**	1627	89	2.1	-87		47 08.340	122 55.223	.42 nm
		Start Tow	1630	91	2.0	-89	550	47 08.211	122 55.230	10 min.
		End	1640	83	1.8	-81		47 07.795	122 55.220	179º true
					ebb					
3-D	10-Apr-07	**Start Set**	1658	90	1.4	-89		47 08.275	122 55.260	.40 nm
		Start Tow	1702	91	1.3	-90	550	47 08.136	122 55.255	10 min.
		End	1712	86	1.1	-85		47 07.735	122 55.256	180º true
					ebb					
2-A	10-Apr-07	**Start Set**	1752	25	0.5	-25		47 05.219	122 54.880	.40 nm
		Start Tow	1754	25	0.5	-25	225	47 05.167	122 54.888	10 min.
		End	1804	25	0.5	-25		47 04.777	122 55.046	196º true
					low ebb					
1-D	11-Apr-07	**Start Set**	0841	42	8.3	-34		47 03.195	122 54.412	.40 nm
		Start Tow	0842	43	8.3	-35	300	47 03.267	122 54.411	10 min.
		End	0852	43	8.4	-35		47 03.666	122 54.458	355º true
					flood					
1-E	11-Apr-07	**Start Set**	0908	40	8.6	-31		47 03.236	122 54.450	.40 nm
		Start Tow	0909	42	8.7	-33	300	47 03.302	122 54.448	10 min.
		End	0919	41	8.8	-32		47 03.700	122 54.474	357º true
					flood					
1-F	11-Apr-07	**Start Set**	0938	43	9.1	-34		47 03.697	122 54.458	.41 nm
		Start Tow	0939	43	9.2	-34	300	47 03.625	122 54.451	10 min.
		End	0949	43	9.3	-34		47 03.211	122 54.412	176º true
					flood					

Table A-4. Budd Inlet Fish Trawls – R/V Kittiwake (continued)

Station Name	Date		Time	Depth (feet)	Predicted Tide	Mudline Depth (feet)	Wire Out (feet)	Northstar DGPS (NAD 83) Latitude decimal min.	Northstar DGPS (NAD 83) Longitude decimal min.	Trawl Distance & Time Comments
1-G	11-Apr-07	**Start Set**	1002	41	9.6	-31		47 03.233	122 54.464	.41 nm
		Start Tow	1003	42	9.6	-32	300	47 03.303	122 54.473	10 min.
		End	1013	41	9.8	-31		47 03.709	122 54.487	359º true
					flood					
2-B	11-Apr-07	**Start Set**	1041	43	10.3	-33		47 05.158	122 55.668	.40 nm
		Start Tow	1043	45	10.3	-35	300	47 05.090	122 55.639	10 min.
		End	1053	43	10.5	-33		47 04.753	122 55.319	147º true
					flood					
2-C	11-Apr-07	**Start Set**	1113	43	10.7	-32		47 04.995	122 55.575	.41 nm
		Start Tow	1115	43	10.7	-32	300	47 04.932	122 55.528	10 min.
		End	1125	43	10.7	-32		47 04.595	122 55.185	145º true
					high					
2-D	11-Apr-07	**Start Set**	1137	42	10.8	-31		47 04.600	122 55.145	.40 nm
		Start Tow	1139	43	10.8	-32	300	47 04.661	122 55.203	10 min.
		End	1149	43	10.7	-32		47 04.987	122 55.540	325º true
					high					

Table A-5. Capitol Lake Sample Coordinates

Station	Date	Time	Lat (N)	Long (W)	Notes:
CL-S1	4/13/2007	1103	47 01.524	122 54.359	
CL-S2	4/13/2007	1134	47 01.783	122 54.501	
CL-S3	4/13/2007	1220	47 02.126	122 54.533	
CL-S4	4/13/2007	1308	47 02.294	122 54.615	
CL-S5	4/13/2007	1338	47 02.420	122 54.536	
CL-S6	4/13/2007	1422	47 02.559	122 54.574	