

Table 1. Mean, median, and maximum concentrations of lead and zinc in soil at port facility areas

Port Facility	Metal	Mean (mg/kg)	Median (mg/kg)	Maximum (mg/kg)
CSB	Lead	93.1	25	1,200
	Zinc	323	85	4,500
CSB (south end)	Lead	1,025	59	27,000
	Zinc	2,102	265	22,000
Conveyor (P8)	Lead	2,563	645	32,000
	Zinc	9,123	3,600	95,000
Roadway	Lead	551	43	5,800
	Zinc	1,977	160	25,000
Dock	Lead	2,436	370	32,000
	Zinc	10,000	1,350	130,000
Unloading area	Lead	2,597	235	36,000
	Zinc	10,508	1,300	180,000
Fuel storage area	Lead	50.7	18	450
	Zinc	318	79	5,800

Source: RWJ (1997)

Table 2. Mean, median, and maximum concentrations of lead and zinc in water at lagoon and marine stations

Lagoon/Marine	Metal	Maximum (mg/L)	Mean (mg/L)	Median (mg/L)
Control Lagoon	Lead	0.005	0.002	0.002
	Zinc	0.017	0.012	0.011
North Lagoon	Lead	0.003	0.002	0.002
	Zinc	0.026	0.015	0.013
Port Lagoon North	Lead	0.005	0.003	0.002
	Zinc	0.027	0.013	0.011
Port Lagoon South	Lead	0.011	0.005	0.003
	Zinc	0.049	0.025	0.021
Control Marine	Lead	0.015	0.008	0.008
	Zinc	0.010	0.005	0.005
Marine	Lead	0.017	0.008	0.008
	Zinc	0.19	0.023	0.005

Source: RWJ (1997)

Table 3. Mean, median, and maximum concentrations of lead and zinc in sediment at lagoon and marine stations

Lagoon/Marine	Metal	Maximum (mg/kg)	Mean (mg/kg)	Median (mg/kg)
Control Lagoon	Lead	23	13	12
	Zinc	110	79.6	92
North Lagoon	Lead	68	25.2	16
	Zinc	480	201.8	62
Port Lagoon North	Lead	140	76.4	92
	Zinc	1,200	544.4	630
Port Lagoon South	Lead	18	7.6	6
	Zinc	120	48.6	35
Control Marine	Lead	6	5	5
	Zinc	45	42	42
Marine	Lead	74	10	7
	Zinc	260	45.9	40

Source: RWJ (1997)

Table 4. Proposed stations and locations for XRF analyses and soil collection samples

Station ID	Grid Column	Grid Row	X State Plane NAD27 Alaska Zone 7 ft	Y State Plane NAD27 Alaska Zone 7 ft	X Decimal Degrees NAD27	Y Decimal Degrees NAD27
XRF Sampling Stations						
Dock Storage Pad Stations						
DSP-A1	A	1	412886.183590	4968258.164344	-164.055655	67.578863
DSP-A3	A	3	412983.145514	4968083.240403	-164.054919	67.578394
DSP-A4	A	4	413031.626476	4967995.778432	-164.054552	67.578159
DSP-A5	A	5	413080.107438	4967908.316461	-164.054184	67.577925
DSP-A6	A	6	413128.588400	4967820.854491	-164.053817	67.577690
DSP-A7	A	7	413177.069362	4967733.392520	-164.053449	67.577456
DSP-B1	B	1	412973.645561	4968306.645306	-164.055040	67.579003
DSP-B3	B	3	413070.607485	4968131.721365	-164.054305	67.578534
DSP-B4	B	4	413119.088447	4968044.259394	-164.053938	67.578300
DSP-B5	B	5	413167.569409	4967956.797423	-164.053570	67.578065
DSP-B6	B	6	413216.050371	4967869.335453	-164.053203	67.577831
DSP-B7	B	7	413264.531333	4967781.873482	-164.052835	67.577596
DSP-B8	B	8	413313.012295	4967694.411511	-164.052468	67.577362
DSP-B10	B	10	413409.974219	4967519.487570	-164.051732	67.576893
DSP-B12	B	12	413506.936143	4967344.563628	-164.050997	67.576424
DSP-B14	B	14	413603.898067	4967169.639687	-164.050262	67.575955
DSP-C1	C	1	413061.107531	4968355.126268	-164.054426	67.579144
DSP-C2	C	2	413109.588493	4968267.664298	-164.054059	67.578909
DSP-C3	C	3	413158.069455	4968180.202327	-164.053691	67.578675
DSP-C4	C	4	413206.550417	4968092.740356	-164.053324	67.578440
DSP-C5	C	5	413255.031379	4968005.278385	-164.052956	67.578206
DSP-C6	C	6	413303.512341	4967917.816415	-164.052588	67.577971
DSP-C7	C	7	413351.993304	4967830.354444	-164.052221	67.577737
DSP-D1	D	1	413148.569502	4968403.607230	-164.053812	67.579284
DSP-D2	D	2	413197.050464	4968316.145260	-164.053444	67.579049
DSP-D3	D	3	413245.531426	4968228.683289	-164.053077	67.578815
DSP-D4	D	4	413294.012388	4968141.221318	-164.052709	67.578580
DSP-D5	D	5	413342.493350	4968053.759347	-164.052342	67.578346
DSP-D6	D	6	413390.974312	4967966.297377	-164.051974	67.578111
DSP-D7	D	7	413439.455274	4967878.835406	-164.051607	67.577877
DSP-D8	D	8	413487.936236	4967791.373435	-164.051239	67.577642

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
DSP-D10	D	10	413584.898160	4967616.449494	-164.050504	67.577173
DSP-D12	D	12	413681.860084	4967441.525552	-164.049769	67.576704
DSP-D14	D	14	413778.822008	4967266.601611	-164.049034	67.576235
DSP-E1	E	1	413236.031473	4968452.088192	-164.053198	67.579424
DSP-E2	E	2	413284.512435	4968364.626222	-164.052830	67.579190
DSP-E3	E	3	413332.993397	4968277.164251	-164.052463	67.578955
DSP-E4	E	4	413381.474359	4968189.702280	-164.052095	67.578721
DSP-E5	E	5	413429.955321	4968102.240309	-164.051728	67.578486
DSP-E6	E	6	413478.436283	4968014.778339	-164.051360	67.578252
DSP-E7	E	7	413526.917245	4967927.316368	-164.050992	67.578017
DSP-F1	F	1	413323.493444	4968500.569154	-164.052584	67.579565
DSP-F2	F	2	413371.974406	4968413.107184	-164.052216	67.579330
DSP-F3	F	3	413420.455368	4968325.645213	-164.051848	67.579096
DSP-F4	F	4	413468.936330	4968238.183242	-164.051481	67.578861
DSP-F5	F	5	413517.417292	4968150.721271	-164.051113	67.578627
DSP-F6	F	6	413565.898254	4968063.259301	-164.050746	67.578392
DSP-F7	F	7	413614.379216	4967975.797330	-164.050378	67.578158
DSP-F8	F	8	413662.860178	4967888.335359	-164.050011	67.577923
DSP-F10	F	10	413759.822102	4967713.411418	-164.049276	67.577454
DSP-F12	F	12	413856.784026	4967538.487476	-164.048541	67.576985
DSP-F14	F	14	413953.745950	4967363.563535	-164.047806	67.576516
DSP-G1	G	1	413410.955414	4968549.050116	-164.051969	67.579705
DSP-G2	G	2	413459.436376	4968461.588146	-164.051602	67.579470
DSP-G3	G	3	413507.917338	4968374.126175	-164.051234	67.579236
DSP-G4	G	4	413556.398300	4968286.664204	-164.050867	67.579001
DSP-G5	G	5	413604.879262	4968199.202233	-164.050499	67.578767
DSP-G6	G	6	413653.360224	4968111.740263	-164.050132	67.578532
DSP-G7	G	7	413701.841186	4968024.278292	-164.049764	67.578298
CSB Area Grid Stations						
CAG-D33	D	33	416019.285426	4970127.358175	-164.033679	67.584251
CAG-F35	F	35	416159.932062	4970142.140732	-164.032676	67.584304
CAG-G28	G	28	415919.396995	4970401.260166	-164.034458	67.584990
CAG-G29	G	29	415958.254293	4970369.794147	-164.034173	67.584907

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
CAG-G30	G	30	415997.111591	4970338.328127	-164.033887	67.584825
CAG-H28	H	28	415950.863014	4970440.117465	-164.034242	67.585099
CAG-H29	H	29	415989.720312	4970408.651445	-164.033957	67.585016
CAG-H30	H	30	416028.577610	4970377.185425	-164.033671	67.584934
CAG-H33	H	33	416145.149505	4970282.787367	-164.032815	67.584687
CAG-I28	I	28	415982.329034	4970478.974763	-164.034026	67.585208
CAG-I29	I	29	416021.186332	4970447.508743	-164.033741	67.585125
CAG-I30	I	30	416060.043630	4970416.042724	-164.033455	67.585043
CAG-J28	J	28	416013.795053	4970517.832061	-164.033810	67.585317
CAG-J29	J	29	416052.652351	4970486.366041	-164.033525	67.585234
CAG-J30	J	30	416091.509649	4970454.900022	-164.033239	67.585152
CAG-J35	J	35	416285.796140	4970297.569924	-164.031812	67.584740
CAG-L33	L	33	416271.013583	4970438.216559	-164.031951	67.585122
CAG-N7	N	7	415323.655872	4971334.047664	-164.038941	67.587484
CAG-N11	N	11	415479.085064	4971208.183585	-164.037799	67.587154
CAG-N15	N	15	415634.514257	4971082.319507	-164.036657	67.586825
CAG-N19	N	19	415789.943449	4970956.455429	-164.035515	67.586495
CAG-N23	N	23	415945.372641	4970830.591351	-164.034373	67.586165
CAG-N27	N	27	416100.801833	4970704.727273	-164.033231	67.585835
CAG-N31	N	31	416256.231026	4970578.863194	-164.032090	67.585505
CAG-N35	N	35	416411.660218	4970452.999116	-164.030948	67.585175
CAG-P5	P	5	415308.873315	4971474.694299	-164.039080	67.587867
CAG-P9	P	9	415464.302507	4971348.830221	-164.037938	67.587537
CAG-P13	P	13	415619.731700	4971222.966142	-164.036796	67.587207
CAG-P17	P	17	415775.160892	4971097.102064	-164.035654	67.586878
CAG-P21	P	21	415930.590084	4970971.237986	-164.034512	67.586548
CAG-P25	P	25	416086.019276	4970845.373908	-164.033370	67.586218
CAG-P29	P	29	416241.448469	4970719.509830	-164.032228	67.585888
CAG-P33	P	33	416396.877661	4970593.645751	-164.031086	67.585558
CAG-Q2	Q	2	415223.767440	4971607.949656	-164.039720	67.588223
CAG-Q3	Q	3	415262.624738	4971576.483636	-164.039435	67.588141
CAG-Q28	Q	28	416234.057190	4970789.833147	-164.032298	67.586079
CAG-Q29	Q	29	416272.914488	4970758.367128	-164.032012	67.585997

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
CAG-Q30	Q	30	416311.771786	4970726.901108	-164.031727	67.585915
CAG-R2	R	2	415255.233460	4971646.806954	-164.039504	67.588332
CAG-R3	R	3	415294.090758	4971615.340934	-164.039219	67.588250
CAG-R28	R	28	416265.523210	4970828.690445	-164.032082	67.586188
CAG-R29	R	29	416304.380508	4970797.224426	-164.031796	67.586106
CAG-R30	R	30	416343.237806	4970765.758406	-164.031511	67.586023
CAG-R35	R	35	416537.524296	4970608.428308	-164.030083	67.585611
CAG-S3	S	3	415325.556777	4971654.198232	-164.039003	67.588359
CAG-S28	S	28	416296.989229	4970867.547743	-164.031866	67.586297
CAG-S29	S	29	416335.846527	4970836.081724	-164.031580	67.586215
CAG-S30	S	30	416374.703825	4970804.615704	-164.031295	67.586132
CAG-T2	T	2	415318.165499	4971724.521550	-164.039072	67.588550
CAG-T3	T	3	415357.022797	4971693.055530	-164.038787	67.588468
CAG-T28	T	28	416328.455249	4970906.405041	-164.031650	67.586406
CAG-T29	T	29	416367.312547	4970874.939022	-164.031364	67.586324
CAG-T30	T	30	416406.169845	4970843.473002	-164.031079	67.586241
CAG-T33	T	33	416522.741739	4970749.074944	-164.030222	67.585994
CAG-U2	U	2	415349.631519	4971763.378848	-164.038856	67.588659
CAG-U3	U	3	415388.488817	4971731.912828	-164.038571	67.588577
CAG-U22	U	22	416126.777480	4971134.058457	-164.033146	67.587010
CAG-U23	U	23	416165.634778	4971102.592437	-164.032861	67.586928
CAG-U24	U	24	416204.492076	4971071.126418	-164.032575	67.586845
CAG-U25	U	25	416243.349374	4971039.660398	-164.032290	67.586763
CAG-U26	U	26	416282.206672	4971008.194379	-164.032004	67.586680
CAG-U27	U	27	416321.063970	4970976.728359	-164.031719	67.586598
CAG-U28	U	28	416359.921268	4970945.262340	-164.031433	67.586515
CAG-U29	U	29	416398.778566	4970913.796320	-164.031148	67.586433
CAG-U30	U	30	416437.635865	4970882.330300	-164.030863	67.586350
CAG-V2	V	2	415381.097538	4971802.236146	-164.038640	67.588768
CAG-V6	V	6	415536.526730	4971676.372068	-164.037498	67.588438
CAG-V10	V	10	415691.955923	4971550.507990	-164.036356	67.588109
CAG-V14	V	14	415847.385115	4971424.643911	-164.035214	67.587779
CAG-V18	V	18	416002.814307	4971298.779833	-164.034072	67.587449

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
CAG-V22	V	22	416158.243500	4971172.915755	-164.032930	67.587119
CAG-V23	V	23	416197.100798	4971141.449735	-164.032645	67.587037
CAG-V24	V	24	416235.958096	4971109.983716	-164.032359	67.586954
CAG-V25	V	25	416274.815394	4971078.517696	-164.032074	67.586872
CAG-V26	V	26	416313.672692	4971047.051677	-164.031788	67.586789
CAG-V27	V	27	416352.529990	4971015.585657	-164.031503	67.586707
CAG-V28	V	28	416391.387288	4970984.119638	-164.031217	67.586624
CAG-V29	V	29	416430.244586	4970952.653618	-164.030932	67.586542
CAG-V30	V	30	416469.101884	4970921.187598	-164.030646	67.586459
CAG-V35	V	35	416663.388374	4970763.857501	-164.029219	67.586047
CAG-W22	W	22	416189.709519	4971211.773053	-164.032714	67.587228
CAG-W23	W	23	416228.566817	4971180.307033	-164.032429	67.587145
CAG-W24	W	24	416267.424115	4971148.841014	-164.032143	67.587063
CAG-W25	W	25	416306.281413	4971117.374994	-164.031858	67.586981
CAG-W26	W	26	416345.138711	4971085.908975	-164.031572	67.586898
CAG-W27	W	27	416383.996009	4971054.442955	-164.031287	67.586816
CAG-W28	W	28	416422.853308	4971022.976936	-164.031001	67.586733
CAG-W29	W	29	416461.710606	4970991.510916	-164.030716	67.586651
CAG-W30	W	30	416500.567904	4970960.044897	-164.030430	67.586568
CAG-X4	X	4	415521.744173	4971817.018703	-164.037637	67.588821
CAG-X8	X	8	415677.173366	4971691.154625	-164.036495	67.588491
CAG-X12	X	12	415832.602558	4971565.290547	-164.035353	67.588162
CAG-X16	X	16	415988.031750	4971439.426468	-164.034211	67.587832
CAG-X20	X	20	416143.460942	4971313.562390	-164.033069	67.587502
CAG-X22	X	22	416221.175539	4971250.630351	-164.032498	67.587337
CAG-X23	X	23	416260.032837	4971219.164331	-164.032213	67.587254
CAG-X24	X	24	416298.890135	4971187.698312	-164.031927	67.587172
CAG-X25	X	25	416337.747433	4971156.232292	-164.031642	67.587090
CAG-X26	X	26	416376.604731	4971124.766273	-164.031356	67.587007
CAG-X27	X	27	416415.462029	4971093.300253	-164.031071	67.586925
CAG-X28	X	28	416454.319327	4971061.834234	-164.030785	67.586842
CAG-X29	X	29	416493.176625	4971030.368214	-164.030500	67.586760
CAG-X30	X	30	416532.033923	4970998.902195	-164.030214	67.586677

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
CAG-X33	X	33	416648.605817	4970904.504136	-164.029358	67.586430
CAG-Z7	Z	7	415701.248107	4971800.335240	-164.036348	67.588792
CAG-Z11	Z	11	415856.677299	4971674.471162	-164.035206	67.588462
CAG-Z15	Z	15	416012.106491	4971548.607084	-164.034064	67.588132
CAG-Z19	Z	19	416167.535684	4971422.743006	-164.032922	67.587802
CAG-Z23	Z	23	416322.964876	4971296.878928	-164.031780	67.587472
CAG-Z27	Z	27	416478.394068	4971171.014849	-164.030639	67.587142
CAG-Z31	Z	31	416633.823260	4971045.150771	-164.029497	67.586813
CAG-Z35	Z	35	416789.252453	4970919.286693	-164.028355	67.586483
Soil Collection Stations						
Port Grid Stations						
PG-A1	A	1	410817.220589	4976455.428038	-164.072418	67.601064
PG-A2	A	2	410817.220589	4975455.428038	-164.072178	67.598333
PG-A3	A	3	410817.220589	4974455.428038	-164.071939	67.595601
PG-A4	A	4	410817.220589	4973455.428038	-164.071699	67.592870
PG-A5	A	5	410817.220589	4972455.428038	-164.071460	67.590139
PG-A6	A	6	410817.220589	4971455.428038	-164.071221	67.587407
PG-B1	B	1	411817.220589	4976455.428038	-164.065257	67.601155
PG-B2	B	2	411817.220589	4975455.428038	-164.065018	67.598424
PG-B3	B	3	411817.220589	4974455.428038	-164.064780	67.595693
PG-B4	B	4	411817.220589	4973455.428038	-164.064541	67.592961
PG-B5	B	5	411817.220589	4972455.428038	-164.064303	67.590230
PG-B6	B	6	411817.220589	4971455.428038	-164.064064	67.587499
PG-B7	B	7	411817.220589	4970455.428038	-164.063826	67.584767
PG-B8	B	8	411817.220589	4969455.428038	-164.063587	67.582036
PG-C1	C	1	412817.220589	4976455.428038	-164.058096	67.601246
PG-C2	C	2	412817.220589	4975455.428038	-164.057858	67.598515
PG-C3	C	3	412817.220589	4974455.428038	-164.057621	67.595783
PG-C4	C	4	412817.220589	4973455.428038	-164.057383	67.593052
PG-C5	C	5	412817.220589	4972455.428038	-164.057145	67.590321
PG-C6	C	6	412817.220589	4971455.428038	-164.056907	67.587589
PG-C7	C	7	412817.220589	4970455.428038	-164.056670	67.584858
PG-C8	C	8	412817.220589	4969455.428038	-164.056432	67.582127

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
PG-C9	C	9	412817.220589	4968455.428038	-164.056195	67.579395
PG-D1	D	1	413817.220589	4976455.428038	-164.050935	67.601337
PG-D2	D	2	413817.220589	4975455.428038	-164.050698	67.598605
PG-D3	D	3	413817.220589	4974455.428038	-164.050461	67.595874
PG-D4	D	4	413817.220589	4973455.428038	-164.050224	67.593143
PG-D5	D	5	413817.220589	4972455.428038	-164.049988	67.590411
PG-D6	D	6	413817.220589	4971455.428038	-164.049751	67.587680
PG-D7	D	7	413817.220589	4970455.428038	-164.049514	67.584949
PG-D8	D	8	413817.220589	4969455.428038	-164.049277	67.582217
PG-D12	D	12	413817.220589	4965455.428038	-164.048331	67.571292
PG-E1	E	1	414817.220589	4976455.428038	-164.043775	67.601427
PG-E2	E	2	414817.220589	4975455.428038	-164.043538	67.598696
PG-E3	E	3	414817.220589	4974455.428038	-164.043302	67.595964
PG-E4	E	4	414817.220589	4973455.428038	-164.043066	67.593233
PG-E5	E	5	414817.220589	4972455.428038	-164.042830	67.590502
PG-E10	E	10	414817.220589	4967455.428038	-164.041651	67.576845
PG-F1	F	1	415817.220589	4976455.428038	-164.036614	67.601517
PG-F2	F	2	415817.220589	4975455.428038	-164.036378	67.598785
PG-F3	F	3	415817.220589	4974455.428038	-164.036143	67.596054
PG-F4	F	4	415817.220589	4973455.428038	-164.035908	67.593323
PG-F5	F	5	415817.220589	4972455.428038	-164.035672	67.590591
PG-F9	F	9	415817.220589	4968455.428038	-164.034732	67.579666
PG-F10	F	10	415817.220589	4967455.428038	-164.034497	67.576935
PG-G1	G	1	416817.220589	4976455.428038	-164.029453	67.601606
PG-G2	G	2	416817.220589	4975455.428038	-164.029218	67.598875
PG-G3	G	3	416817.220589	4974455.428038	-164.028984	67.596144
PG-G4	G	4	416817.220589	4973455.428038	-164.028749	67.593412
PG-G5	G	5	416817.220589	4972455.428038	-164.028515	67.590681
PG-G8	G	8	416817.220589	4969455.428038	-164.027812	67.582487
PG-G9	G	9	416817.220589	4968455.428038	-164.027578	67.579756
PG-G10	G	10	416817.220589	4967455.428038	-164.027344	67.577024
PG-G11	G	11	416817.220589	4966455.428038	-164.027110	67.574293
PG-H1	H	1	417817.220589	4976455.428038	-164.022292	67.601696

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
PG-H2	H	2	417817.220589	4975455.428038	-164.022058	67.598964
PG-H3	H	3	417817.220589	4974455.428038	-164.021824	67.596233
PG-H4	H	4	417817.220589	4973455.428038	-164.021591	67.593502
PG-H5	H	5	417817.220589	4972455.428038	-164.021357	67.590770
PG-H6	H	6	417817.220589	4971455.428038	-164.021123	67.588039
PG-H7	H	7	417817.220589	4970455.428038	-164.020890	67.585308
PG-H8	H	8	417817.220589	4969455.428038	-164.020657	67.582576
PG-H9	H	9	417817.220589	4968455.428038	-164.020423	67.579845
PG-H10	H	10	417817.220589	4967455.428038	-164.020190	67.577113
PG-H11	H	11	417817.220589	4966455.428038	-164.019957	67.574382
PG-H12	H	12	417817.220589	4965455.428038	-164.019724	67.571651
PG-H13	H	13	417817.220589	4964455.428038	-164.019490	67.568919
PG-H14	H	14	417817.220589	4963455.428038	-164.019257	67.566188
PG-I1	I	1	418817.220589	4976455.428038	-164.015130	67.601785
PG-I2	I	2	418817.220589	4975455.428038	-164.014898	67.599053
PG-I3	I	3	418817.220589	4974455.428038	-164.014665	67.596322
PG-I4	I	4	418817.220589	4973455.428038	-164.014432	67.593591
PG-I5	I	5	418817.220589	4972455.428038	-164.014199	67.590859
PG-I6	I	6	418817.220589	4971455.428038	-164.013966	67.588128
PG-I7	I	7	418817.220589	4970455.428038	-164.013734	67.585396
PG-I8	I	8	418817.220589	4969455.428038	-164.013501	67.582665
PG-I9	I	9	418817.220589	4968455.428038	-164.013269	67.579934
PG-I10	I	10	418817.220589	4967455.428038	-164.013036	67.577202
PG-I11	I	11	418817.220589	4966455.428038	-164.012804	67.574471
PG-I12	I	12	418817.220589	4965455.428038	-164.012571	67.571739
PG-I13	I	13	418817.220589	4964455.428038	-164.012339	67.569008
PG-J1	J	1	419817.220589	4976455.428038	-164.007969	67.601874
PG-J2	J	2	419817.220589	4975455.428038	-164.007737	67.599142
PG-J3	J	3	419817.220589	4974455.428038	-164.007505	67.596411
PG-J4	J	4	419817.220589	4973455.428038	-164.007273	67.593679
PG-J5	J	5	419817.220589	4972455.428038	-164.007041	67.590948
PG-J6	J	6	419817.220589	4971455.428038	-164.006809	67.588216
PG-J7	J	7	419817.220589	4970455.428038	-164.006578	67.585485

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
PG-J8	J	8	419817.220589	4969455.428038	-164.006346	67.582754
PG-J9	J	9	419817.220589	4968455.428038	-164.006114	67.580022
PG-J10	J	10	419817.220589	4967455.428038	-164.005883	67.577291
PG-J11	J	11	419817.220589	4966455.428038	-164.005651	67.574559
PG-J12	J	12	419817.220589	4965455.428038	-164.005419	67.571828
PG-K1	K	1	420817.220589	4976455.428038	-164.000808	67.601962
PG-K2	K	2	420817.220589	4975455.428038	-164.000577	67.599230
PG-K3	K	3	420817.220589	4974455.428038	-164.000346	67.596499
PG-K4	K	4	420817.220589	4973455.428038	-164.000114	67.593768
PG-K5	K	5	420817.220589	4972455.428038	-163.999883	67.591036
PG-K6	K	6	420817.220589	4971455.428038	-163.999652	67.588305
PG-K7	K	7	420817.220589	4970455.428038	-163.999421	67.585573
PG-K8	K	8	420817.220589	4969455.428038	-163.999190	67.582842
PG-K9	K	9	420817.220589	4968455.428038	-163.998960	67.580111
PG-K10	K	10	420817.220589	4967455.428038	-163.998729	67.577379
PG-K11	K	11	420817.220589	4966455.428038	-163.998498	67.574648
PG-L1	L	1	421817.220589	4976455.428038	-163.993647	67.602050
PG-L2	L	2	421817.220589	4975455.428038	-163.993416	67.599319
PG-L3	L	3	421817.220589	4974455.428038	-163.993186	67.596587
PG-L4	L	4	421817.220589	4973455.428038	-163.992956	67.593856
PG-L5	L	5	421817.220589	4972455.428038	-163.992725	67.591124
PG-L6	L	6	421817.220589	4971455.428038	-163.992495	67.588393
PG-L7	L	7	421817.220589	4970455.428038	-163.992265	67.585661
PG-L8	L	8	421817.220589	4969455.428038	-163.992035	67.582930
PG-L9	L	9	421817.220589	4968455.428038	-163.991805	67.580199
PG-L10	L	10	421817.220589	4967455.428038	-163.991575	67.577467
PG-M1	M	1	422817.220589	4976455.428038	-163.986485	67.602138
PG-M2	M	2	422817.220589	4975455.428038	-163.986256	67.599406
PG-M3	M	3	422817.220589	4974455.428038	-163.986026	67.596675
PG-M4	M	4	422817.220589	4973455.428038	-163.985797	67.593943
PG-M5	M	5	422817.220589	4972455.428038	-163.985567	67.591212
PG-M6	M	6	422817.220589	4971455.428038	-163.985338	67.588481
PG-M7	M	7	422817.220589	4970455.428038	-163.985109	67.585749

Table 4. (cont.)

Station ID	Grid Column	Grid Row	X	Y	X	Y
			State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27
PG-M8	M	8	422817.220589	4969455.428038	-163.984879	67.583018
PG-M9	M	9	422817.220589	4968455.428038	-163.984650	67.580286
PG-N1	N	1	423817.220589	4976455.428038	-163.979324	67.602225
PG-N2	N	2	423817.220589	4975455.428038	-163.979095	67.599494
PG-N3	N	3	423817.220589	4974455.428038	-163.978867	67.596762
PG-N4	N	4	423817.220589	4973455.428038	-163.978638	67.594031
PG-N5	N	5	423817.220589	4972455.428038	-163.978409	67.591299
PG-N6	N	6	423817.220589	4971455.428038	-163.978181	67.588568
PG-N7	N	7	423817.220589	4970455.428038	-163.977952	67.585836
PG-N8	N	8	423817.220589	4969455.428038	-163.977724	67.583105
PG-O1	O	1	424817.220589	4976455.428038	-163.972163	67.602312
PG-O2	O	2	424817.220589	4975455.428038	-163.971935	67.599581
PG-O3	O	3	424817.220589	4974455.428038	-163.971707	67.596849
PG-O4	O	4	424817.220589	4973455.428038	-163.971479	67.594118
PG-O5	O	5	424817.220589	4972455.428038	-163.971251	67.591386
PG-O6	O	6	424817.220589	4971455.428038	-163.971023	67.588655
PG-O7	O	7	424817.220589	4970455.428038	-163.970796	67.585923
PG-P1	P	1	425817.220589	4976455.428038	-163.965001	67.602399
PG-P2	P	2	425817.220589	4975455.428038	-163.964774	67.599668
PG-P3	P	3	425817.220589	4974455.428038	-163.964547	67.596936
PG-P4	P	4	425817.220589	4973455.428038	-163.964320	67.594205
PG-P5	P	5	425817.220589	4972455.428038	-163.964093	67.591473
PG-P6	P	6	425817.220589	4971455.428038	-163.963866	67.588742

Table 5. Stations and locations previously identified by RWJ (1997)

Station ID	X State Plane NAD27 Alaska Zone 7 ft	Y State Plane NAD27 Alaska Zone 7 ft	X Decimal Degrees NAD27	Y Decimal Degrees NAD27	Sample Type
Control Lagoon Stations					
CLQ	418266.484046	4957722.463170	-164.014712	67.550569	Sediment
CLR	417930.553487	4958429.503946	-164.017277	67.552470	Sediment
CLS	417500.990484	4959275.263739	-164.020544	67.554742	Sediment and water
CLT	418368.174474	4958189.252262	-164.014094	67.551853	Sediment and water
CLU	417951.354215	4959052.862054	-164.017273	67.554175	Sediment
North Lagoon Stations					
NLF	410629.115529	4971079.018827	-164.072477	67.586362	Sediment
NLG	410835.821927	4970869.072579	-164.070947	67.585808	Sediment
NLH	411422.413022	4969792.099978	-164.066492	67.582920	Sediment and water
NLJ	410840.667023	4971153.434960	-164.070981	67.586585	Sediment and water
NLK	411216.799601	4970527.070061	-164.068139	67.584908	Sediment
Port Lagoon North Stations					
PLNL	412145.291777	4968718.363324	-164.061065	67.580053	Sediment
PLNM	412279.728907	4968359.206886	-164.060017	67.579084	Sediment
PLNN	412553.463645	4967957.944404	-164.057964	67.578013	Sediment and water
PLNO	412543.632421	4968222.877812	-164.058097	67.578735	Sediment
PLNP	412348.538595	4968729.034885	-164.059613	67.580100	Sediment and water
Port Lagoon South Stations					
PLSA	415502.865131	4962578.434802	-164.035600	67.563586	Sediment
PLSB	414037.271014	4965343.627722	-164.046731	67.571006	Sediment and water
PLSC	413549.656831	4966905.850306	-164.050588	67.575229	Sediment
PLSD	414364.979084	4966838.027548	-164.044740	67.575118	Sediment
PLSE	416094.970890	4966932.605765	-164.032388	67.575531	Sediment
PLSX	416862.495156	4965515.274293	-164.026566	67.571729	Sediment and water
PLSY	415217.263014	4966967.625956	-164.038674	67.575548	Sediment
Nearshore Marine Stations					
NMA	412514.885698	4966969.344538	-164.058005	67.575309	Sediment
NMAA	410567.440999	4968274.836271	-164.072247	67.578697	Sediment
NMB	412340.064125	4967269.116040	-164.059326	67.576112	Sediment
NMC	412285.810993	4967363.308781	-164.059737	67.576364	Sediment
NMD	411797.311502	4967127.540717	-164.063175	67.575676	Sediment
NME	412049.501308	4966692.723183	-164.061268	67.574511	Sediment

Table 5. (cont.)

Station ID	X	Y	X	Y	Sample Type
	State Plane NAD27 Alaska Zone 7 ft	State Plane NAD27 Alaska Zone 7 ft	Decimal Degrees NAD27	Decimal Degrees NAD27	
NMF	412290.766137	4966254.315429	-164.059438	67.573336	Sediment
NMG	412532.865488	4965826.828756	-164.057605	67.572190	Sediment
NMGZ	411646.479853	4967162.678921	-164.064262	67.575758	Sediment
NMH	412212.209358	4967507.405787	-164.060298	67.576751	Sediment
NMJ	412161.239689	4967594.804923	-164.060683	67.576985	Sediment
NMK	411955.934575	4967937.902315	-164.062233	67.577904	Sediment
NML	411745.519741	4967216.349516	-164.063567	67.575914	Sediment
NMM	411697.016346	4967299.519662	-164.063933	67.576137	Sediment
NMN	411499.591104	4967651.707047	-164.065430	67.577080	Sediment
NMO	411251.309458	4968086.148633	-164.067309	67.578244	Sediment
NMP	411003.642186	4968519.775819	-164.069185	67.579406	Sediment
NMQ	411931.323298	4967313.084234	-164.062261	67.576195	Sediment
NMS	412105.108496	4965572.151051	-164.060603	67.571456	Sediment
NMT	411848.552161	4966012.075463	-164.062543	67.572634	Sediment
NMU	411607.287332	4966450.483216	-164.064373	67.573809	Sediment
NMV	411354.751331	4966884.559998	-164.066283	67.574972	Sediment
NMW	411309.318554	4966971.409968	-164.066628	67.575205	Sediment
NMX	411259.993067	4967055.989777	-164.067001	67.575432	Sediment
NMY	411061.651281	4967405.037154	-164.068504	67.576367	Sediment
NMZ	410815.108271	4967841.209084	-164.070371	67.577536	Sediment