

APPENDIX D: MEANS, STANDARD DEVIATIONS AND TOTALS
(Located on the enclosed CD)

This appendix, located on the enclosed CD, contains the means totals and standard deviations of all organic, metals and biomarker analyses. The organics data is expressed as lipid normalized wet weight and the metals data is expressed as dry-weight. All data is expressed as parts per billion ($\mu\text{g}/\text{kg}$).

	SITE_NAME	SPECIES	WEIGHT	LENGTH	8 - 2,4'- Dichlorobiphenyl (C12)	18 - 2,2',5-Trichlorobiphenyl (C13)
Means	Bullen Point	Arctic Cisco	197.2222222	284.3333333	18.11505708	6.979090031
	Liberty	Arctic Cisco	193.75	279.375	21.82758816	11.87339966
	Point Brower	Arctic Cisco	158	227.2	0	0.758928572
	Stump Island	Arctic Cisco	159.0909091	304.4545455	1.875	4.748998674
	Liberty	Arctic Cod	21.75	142.125	34.92624489	5.21938155
	North Star	Arctic Cod	27	155	31.94590649	0
	Point Brower	Broad Whitefish	261.6666667	283	5.983779997	4.089138008
	Bullen Point	Four Horn Sculpin	73.8	177	13.34135455	26.53938487
	Liberty	Four Horn Sculpin	41.5	165	13.3486943	0
	Point Brower	Four Horn Sculpin	54.4	162.4	16.63888612	18.3241001
	Stump Island	Four Horn Sculpin	126.4166667	205.4166667	21.1508053	25.73367027
	Point Brower	Humpback Whitefish	403.3333333	377.6666667	12.74819123	6.555620687
	Stump Island	Humpback Whitefish	603.8461538	427.1538462	15.91386822	5.318028598
	Standard Deviations	Bullen Point	Arctic Cisco	15.02313031	48.27007354	7.935133975
Liberty		Arctic Cisco	17.67766953	20.06373772	27.01864468	12.46548912
Point Brower		Arctic Cisco	248.1259761	105.4262776	0	1.697015877
Stump Island		Arctic Cisco	115.7976291	51.34854163	6.218671482	4.552563535
Liberty		Arctic Cod	3.370036032	10.30169889	16.2424659	7.367511267
North Star		Arctic Cod	11.66190379	21.26969675	23.01699522	0
Point Brower		Broad Whitefish	214.2920126	108.2552539	10.78614075	5.820932465
Bullen Point		Four Horn Sculpin	40.45793426	16.69996673	10.34848687	55.80819835
Liberty		Four Horn Sculpin	12.02081528	21.21320344	0.021723735	0
Point Brower		Four Horn Sculpin	53.56584733	46.48978382	6.935860624	22.26278356
Stump Island		Four Horn Sculpin	95.12141364	45.99695313	7.183325205	15.20646979
Point Brower		Humpback Whitefish	174.737899	24.21432083	7.546542073	1.086245263
Stump Island		Humpback Whitefish	96.7417922	21.98046919	6.358684664	7.308820483
Number of Samples		Bullen Point	Arctic Cisco			9
	Liberty	Arctic Cisco			8	8
	Point Brower	Arctic Cisco			5	5
	Stump Island	Arctic Cisco			11	11
	Liberty	Arctic Cod			8	8
	North Star	Arctic Cod			7	7
	Point Brower	Broad Whitefish			6	6
	Bullen Point	Four Horn Sculpin			10	10
	Liberty	Four Horn Sculpin			2	2
	Point Brower	Four Horn Sculpin			5	5
	Stump Island	Four Horn Sculpin			12	12
	Point Brower	Humpback Whitefish			3	3
	Stump Island	Humpback Whitefish			13	13

	SITE_NAME	SPECIES	28 - 2,4,4'- Trichlorobiphenyl (Cl3)	44 - 2,2',3,5'- Tetrachlorobiphenyl (Cl4)	52 - 2,2',5,5'- Tetrachlorobiphenyl (Cl4)
Means	Bullen Point	Arctic Cisco	0	0	5.006142528
	Liberty	Arctic Cisco	0	0	4.602334589
	Point Brower	Arctic Cisco	0	0	8.118792378
	Stump Island	Arctic Cisco	2.379409064	0	14.66208147
	Liberty	Arctic Cod	0	2.960526313	9.625561125
	North Star	Arctic Cod	2.057880007	0	12.79985581
	Point Brower	Broad Whitefish	2.65151515	4.167396513	5.59302077
	Bullen Point	Four Horn Sculpin	23.84131856	54.985755	247.5207821
	Liberty	Four Horn Sculpin	0	0	0
	Point Brower	Four Horn Sculpin	0	4.615648206	13.56938892
	Stump Island	Four Horn Sculpin	12.97422509	15.6643391	25.14099478
	Point Brower	Humpback Whitefish	2.028508773	5.208660813	8.614253427
	Stump Island	Humpback Whitefish	1.871174455	13.32750401	34.68021318
	Standard Deviations	Bullen Point	Arctic Cisco	0	0
Liberty		Arctic Cisco	0	0	1.709441974
Point Brower		Arctic Cisco	0	0	6.113101405
Stump Island		Arctic Cisco	5.311432078	0	17.66358608
Liberty		Arctic Cod	0	8.373632926	13.84491031
North Star		Arctic Cod	4.01334068	0	5.739315213
Point Brower		Broad Whitefish	6.494859163	8.80538153	11.1114901
Bullen Point		Four Horn Sculpin	41.18618305	161.2872827	724.4667578
Liberty		Four Horn Sculpin	0	0	0
Point Brower		Four Horn Sculpin	0	7.069789333	18.82913953
Stump Island		Four Horn Sculpin	10.31984822	12.16357914	17.74877839
Point Brower		Humpback Whitefish	3.513480259	3.636684559	6.287302892
Stump Island		Humpback Whitefish	3.950585383	20.07974562	53.33699261
Number of Samples		Bullen Point	Arctic Cisco	9	9
	Liberty	Arctic Cisco	8	8	8
	Point Brower	Arctic Cisco	5	5	5
	Stump Island	Arctic Cisco	11	11	11
	Liberty	Arctic Cod	8	8	8
	North Star	Arctic Cod	7	7	7
	Point Brower	Broad Whitefish	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10
	Liberty	Four Horn Sculpin	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12
	Point Brower	Humpback Whitefish	3	3	3
	Stump Island	Humpback Whitefish	13	13	13

	SITE_NAME	SPECIES	66 - 2,3',4,4'- Tetrachlorobiohenvl (Cl4)	101 - 2,2',4,5,5'- Pentachlorobiohenvl (Cl5)	105 - 2,3,3',4,4'- Pentachlorobiohenvl (Cl5)
Means					
	Bullen Point	Arctic Cisco	5.450993159	6.530201046	0.814789507
	Liberty	Arctic Cisco	2.365324009	6.288686785	0
	Point Brower	Arctic Cisco	2.24299066	13.67213042	0.375
	Stump Island	Arctic Cisco	1.485148518	20.10313223	3.447862304
	Liberty	Arctic Cod	1.637380188	24.80423076	11.66168852
	North Star	Arctic Cod	11.68043502	36.82960296	22.26200699
	Point Brower	Broad Whitefish	5.118866902	7.437140835	1.624445408
	Bullen Point	Four Horn Sculpin	250.9664571	329.6667448	115.8551381
	Liberty	Four Horn Sculpin	0	0	23.0184332
	Point Brower	Four Horn Sculpin	9.4894346	29.2712232	4.594427244
	Stump Island	Four Horn Sculpin	15.4801617	19.45654052	7.780231734
	Point Brower	Humpback Whitefish	7.57971815	16.46166283	4.49271325
	Stump Island	Humpback Whitefish	23.21680545	108.5218569	41.3018211
Standard Deviations					
	Bullen Point	Arctic Cisco	5.530834161	2.066703195	1.060325661
	Liberty	Arctic Cisco	3.448176213	2.435442784	0
	Point Brower	Arctic Cisco	5.015479589	9.389798133	0.838525492
	Stump Island	Arctic Cisco	4.925680393	10.28659372	3.768212797
	Liberty	Arctic Cod	4.631210536	39.65150744	18.7342183
	North Star	Arctic Cod	4.209734654	24.06482427	24.68616346
	Point Brower	Broad Whitefish	8.820997984	3.650300655	2.602955758
	Bullen Point	Four Horn Sculpin	738.1158912	950.4272551	304.8258869
	Liberty	Four Horn Sculpin	0	0	32.55298042
	Point Brower	Four Horn Sculpin	9.439827983	19.71290501	6.697961925
	Stump Island	Four Horn Sculpin	10.40436776	12.34576787	6.196216154
	Point Brower	Humpback Whitefish	3.32031723	10.96216312	5.657723567
	Stump Island	Humpback Whitefish	61.30460861	110.0425279	52.61406371
Number of Samples					
	Bullen Point	Arctic Cisco	9	9	9
	Liberty	Arctic Cisco	8	8	8
	Point Brower	Arctic Cisco	5	5	5
	Stump Island	Arctic Cisco	11	11	11
	Liberty	Arctic Cod	8	8	8
	North Star	Arctic Cod	7	7	7
	Point Brower	Broad Whitefish	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10
	Liberty	Four Horn Sculpin	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12
	Point Brower	Humpback Whitefish	3	3	3
	Stump Island	Humpback Whitefish	13	13	13

	SITE_NAME	SPECIES	118 - 2,3',4,4',5- Pentachlorobiphenyl (Cl5)	128 - 2,2',3,3',4,4'- Hexachlorobiphenyl (Cl6)	138 - 2,2',3,4,4',5'- Hexachlorobiphenyl (Cl6)
Means					
	Bullen Point	Arctic Cisco	1.106284679	0.527619987	5.684675578
	Liberty	Arctic Cisco	0.653987631	0	5.17070279
	Point Brower	Arctic Cisco	7.568385822	0.83432658	14.54962003
	Stump Island	Arctic Cisco	8.797007176	2.155155415	16.81414478
	Liberty	Arctic Cod	25.88890696	6.438774435	41.94147106
	North Star	Arctic Cod	40.54980151	11.71345657	64.42215884
	Point Brower	Broad Whitefish	2.423470317	0.168350168	7.273128822
	Bullen Point	Four Horn Sculpin	282.2791436	66.05507595	419.2981323
	Liberty	Four Horn Sculpin	8.69090291	0	7.67878478
	Point Brower	Four Horn Sculpin	17.47500468	2.195018548	42.83296032
	Stump Island	Four Horn Sculpin	25.26621337	5.258003313	34.12903348
	Point Brower	Humpback Whitefish	13.63614868	1.410934743	18.69684525
	Stump Island	Humpback Whitefish	96.75418564	23.90645137	103.5853191
Standard Deviations					
	Bullen Point	Arctic Cisco	1.78470798	0.762558031	3.007928988
	Liberty	Arctic Cisco	0.973107845	0	2.228741362
	Point Brower	Arctic Cisco	5.178644835	1.865610948	5.83342675
	Stump Island	Arctic Cisco	4.925407622	1.897570583	10.38804798
	Liberty	Arctic Cod	38.51965823	11.14211079	53.69242437
	North Star	Arctic Cod	44.72244336	16.19092586	59.25593225
	Point Brower	Broad Whitefish	2.860936371	0.412372011	8.051611859
	Bullen Point	Four Horn Sculpin	786.8870995	187.1659659	1189.235727
	Liberty	Four Horn Sculpin	4.470256932	0	6.949173662
	Point Brower	Four Horn Sculpin	11.11627308	3.084985447	31.45480786
	Stump Island	Four Horn Sculpin	12.28581171	5.548729122	12.51549289
	Point Brower	Humpback Whitefish	11.24630623	2.443810662	15.89616998
	Stump Island	Humpback Whitefish	103.0260032	28.34991748	101.568966
Number of Samples					
	Bullen Point	Arctic Cisco	9	9	9
	Liberty	Arctic Cisco	8	8	8
	Point Brower	Arctic Cisco	5	5	5
	Stump Island	Arctic Cisco	11	11	11
	Liberty	Arctic Cod	8	8	8
	North Star	Arctic Cod	7	7	7
	Point Brower	Broad Whitefish	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10
	Liberty	Four Horn Sculpin	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12
	Point Brower	Humpback Whitefish	3	3	3
	Stump Island	Humpback Whitefish	13	13	13

	SITE_NAME	SPECIES	153 - 2,2',4,4',5,5'- Hexachlorobiohenvl (Cl6)	170 - 2,2',3,3',4,4',5- Heptachlorobiohenvl (Cl7)	180 - 2,2',3,4,4',5,5'- Heptachlorobiohenvl (Cl7)
Means	Bullen Point	Arctic Cisco	12.62865789	0	1.981737337
	Liberty	Arctic Cisco	12.42324315	0	1.390533185
	Point Brower	Arctic Cisco	25.11643066	0.058035714	5.595447108
	Stump Island	Arctic Cisco	29.78673729	1.865686865	10.93874903
	Liberty	Arctic Cod	28.89395699	3.903936281	7.298703365
	North Star	Arctic Cod	50.39793764	11.8241995	16.43221147
	Point Brower	Broad Whitefish	4.311778207	0.244107743	0.570029207
	Bullen Point	Four Horn Sculpin	314.3192598	35.15275392	48.86277261
	Liberty	Four Horn Sculpin	41.150367	2.57714627	2.819593785
	Point Brower	Four Horn Sculpin	43.273169	7.335253898	9.429145126
	Stump Island	Four Horn Sculpin	31.37188329	4.492802644	6.131750331
	Point Brower	Humpback Whitefish	12.90335752	3.43804965	3.292199
	Stump Island	Humpback Whitefish	96.51352882	14.80751857	17.97366408
	Standard Deviations	Bullen Point	Arctic Cisco	4.131422512	0
Liberty		Arctic Cisco	4.451814939	0	2.172034762
Point Brower		Arctic Cisco	10.5759657	0.129771802	5.604761501
Stump Island		Arctic Cisco	16.7258394	5.232807627	6.37798015
Liberty		Arctic Cod	45.42811732	6.897645798	11.08524039
North Star		Arctic Cod	40.87383441	11.10052219	15.96943335
Point Brower		Broad Whitefish	3.051158915	0.597939413	0.585467112
Bullen Point		Four Horn Sculpin	820.9239007	91.31165911	115.5291479
Liberty		Four Horn Sculpin	25.60984109	0.135290443	1.250320232
Point Brower		Four Horn Sculpin	21.59501295	3.699602045	9.021379313
Stump Island		Four Horn Sculpin	13.56063063	1.712022264	2.995722876
Point Brower		Humpback Whitefish	10.59717005	2.098458501	3.4506933
Stump Island		Humpback Whitefish	82.32929537	13.22025782	17.17590422
Number of Samples		Bullen Point	Arctic Cisco	9	9
	Liberty	Arctic Cisco	8	8	8
	Point Brower	Arctic Cisco	5	5	5
	Stump Island	Arctic Cisco	11	11	11
	Liberty	Arctic Cod	8	8	8
	North Star	Arctic Cod	7	7	7
	Point Brower	Broad Whitefish	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10
	Liberty	Four Horn Sculpin	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12
	Point Brower	Humpback Whitefish	3	3	3
	Stump Island	Humpback Whitefish	13	13	13

	SITE_NAME	SPECIES	187 - 2,2',3,4',5,5',6- Heptachlorobiphenyl (C17)	195 - 2,2',3,3',4,4',5,6- Octachlorobiphenyl (C18)	206 - 2,2',3,3',4,4',5,5',6- Nonachlorobiphenyl (C19)
Means					
	Bullen Point	Arctic Cisco	1.16859116	0.5911396	1.504966279
	Liberty	Arctic Cisco	1.279404594	0	0.313887309
	Point Brower	Arctic Cisco	4.100400508	0.174107142	0.165178572
	Stump Island	Arctic Cisco	4.051045919	0.335498618	4.039734863
	Liberty	Arctic Cod	7.512834769	0	17.36691242
	North Star	Arctic Cod	10.59975537	0.809605357	5.548197196
	Point Brower	Broad Whitefish	0.364020748	0	0.26394378
	Bullen Point	Four Horn Sculpin	23.44871461	1.325294183	42.51008066
	Liberty	Four Horn Sculpin	1.333333335	0	0.20046083
	Point Brower	Four Horn Sculpin	6.96762562	0.638685744	1.128054714
	Stump Island	Four Horn Sculpin	1.592302019	0.098916418	0.422581288
	Point Brower	Humpback Whitefish	1.528913983	0	0.222726807
	Stump Island	Humpback Whitefish	10.95403411	0.693665728	0.522268359
Standard Deviations					
	Bullen Point	Arctic Cisco	1.277353706	0.890821311	2.352774682
	Liberty	Arctic Cisco	1.628424624	0	0.477799356
	Point Brower	Arctic Cisco	6.223163818	0.389315405	0.369350515
	Stump Island	Arctic Cisco	2.441920935	0.775496119	6.791536662
	Liberty	Arctic Cod	12.81887677	0	44.67985581
	North Star	Arctic Cod	9.276243745	1.261065644	6.245083585
	Point Brower	Broad Whitefish	0.563952167	0	0.178487634
	Bullen Point	Four Horn Sculpin	47.25929752	3.44527573	128.9091369
	Liberty	Four Horn Sculpin	1.885618086	0	0.283494425
	Point Brower	Four Horn Sculpin	6.595181693	0.989805025	0.742848564
	Stump Island	Four Horn Sculpin	1.846234825	0.198032393	0.418405227
	Point Brower	Humpback Whitefish	1.228240341	0	0.082760751
	Stump Island	Humpback Whitefish	8.47240152	0.958104658	0.365950792
Number of Samples					
	Bullen Point	Arctic Cisco	9	9	9
	Liberty	Arctic Cisco	8	8	8
	Point Brower	Arctic Cisco	5	5	5
	Stump Island	Arctic Cisco	11	11	11
	Liberty	Arctic Cod	8	8	8
	North Star	Arctic Cod	7	7	7
	Point Brower	Broad Whitefish	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10
	Liberty	Four Horn Sculpin	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12
	Point Brower	Humpback Whitefish	3	3	3
	Stump Island	Humpback Whitefish	13	13	13

SITE_NAME	SPECIES	209 - 2,2',3,3',4,4',5,5',6,6'- Decachlorobiohenvl (Cl10)	2,4'-DDD	2,4'-DDE	2,4'-DDT	4,4'-DDD
Means						
Bullen Point	Arctic Cisco	0.38277512	8.14553453	2.923803726	1.591938527	3.432497566
Liberty	Arctic Cisco	0	9.110824113	0.486526946	1.414963224	2.914804273
Point Brower	Arctic Cisco	0.089285714	16.24988703	0	0.580357142	3.32129022
Stump Island	Arctic Cisco	1.344217955	4.096626393	0.360036004	7.533552502	13.71276658
Liberty	Arctic Cod	4.229179986	0	0	3.3092744	7.322212078
North Star	Arctic Cod	1.988896177	0	0	0	12.04103634
Point Brower	Broad Whitefish	0	0	0	0	3.542603123
Bullen Point	Four Horn Sculpin	14.05683873	0.94017094	0	0	10.09031702
Liberty	Four Horn Sculpin	0	0	0	0	0
Point Brower	Four Horn Sculpin	0.067368422	0	0	0	7.960677304
Stump Island	Four Horn Sculpin	0.044565803	0	0.579150579	0	5.50942337
Point Brower	Humpback Whitefish	0	0	0	0	7.130439517
Stump Island	Humpback Whitefish	0.494482328	0	0.089445438	0	11.79787609
Standard Deviations						
Bullen Point	Arctic Cisco	1.14832536	7.427867296	2.362441335	1.311500458	2.333004594
Liberty	Arctic Cisco	0	8.752387752	1.376106012	1.567746706	3.301628518
Point Brower	Arctic Cisco	0.199648926	13.27384871	0	1.297718021	5.217260008
Stump Island	Arctic Cisco	2.185571999	5.409062649	1.194104335	8.614097518	13.93254864
Liberty	Arctic Cod	11.21057436	0	0	6.157379168	8.815245576
North Star	Arctic Cod	2.818014862	0	0	0	4.423602287
Point Brower	Broad Whitefish	0	0	0	0	3.686875726
Bullen Point	Four Horn Sculpin	43.35004842	2.97308156	0	0	17.38383466
Liberty	Four Horn Sculpin	0	0	0	0	0
Point Brower	Four Horn Sculpin	0.150640371	0	0	0	10.37873334
Stump Island	Four Horn Sculpin	0.104347239	0	2.006236457	0	2.665278008
Point Brower	Humpback Whitefish	0	0	0	0	2.187681453
Stump Island	Humpback Whitefish	1.699645757	0	0.322500115	0	6.734864389
Number of Samples						
Bullen Point	Arctic Cisco	9	9	9	9	9
Liberty	Arctic Cisco	8	8	8	8	8
Point Brower	Arctic Cisco	5	5	5	5	5
Stump Island	Arctic Cisco	11	11	11	11	11
Liberty	Arctic Cod	8	8	8	8	8
North Star	Arctic Cod	7	7	7	7	7
Point Brower	Broad Whitefish	6	6	6	6	6
Bullen Point	Four Horn Sculpin	10	10	10	10	10
Liberty	Four Horn Sculpin	2	2	2	2	2
Point Brower	Four Horn Sculpin	5	5	5	5	5
Stump Island	Four Horn Sculpin	12	12	12	12	12
Point Brower	Humpback Whitefish	3	3	3	3	3
Stump Island	Humpback Whitefish	13	13	13	13	13

	SITE_NAME	SPECIES	4,4'-DDE	4,4'-DDT	Aldrin	alpha-Chlordane	cis-Nonachlor	gamma-Chlordane
Means								
	Bullen Point	Arctic Cisco	3.041589738	0.485153448	0	9.152335353	6.040875801	4.878043703
	Liberty	Arctic Cisco	3.749480784	1.95084754	0.220588235	6.631163244	6.070061238	4.494430918
	Point Brower	Arctic Cisco	11.38488493	1.2538843	0	11.54808737	17.44594407	12.3346646
	Stump Island	Arctic Cisco	14.69316078	5.731311446	0	23.2710613	17.14805593	9.299457792
	Liberty	Arctic Cod	9.90257779	4.171688454	0	8.477547454	10.53283887	6.599706166
	North Star	Arctic Cod	9.926225376	4.206669011	0	13.79722572	9.670996911	11.31082649
	Point Brower	Broad Whitefish	2.060060778	0.609856368	0	2.348797557	2.068091125	0.844290585
	Bullen Point	Four Horn Sculpin	9.80908816	1.039961178	0	3.661231023	9.872986181	5.179836761
	Liberty	Four Horn Sculpin	38.16350915	4.58013313	0	1.520737325	11.08977643	0
	Point Brower	Four Horn Sculpin	17.7404666	4.61095003	0	8.127236712	12.10640553	2.11293087
	Stump Island	Four Horn Sculpin	22.51696899	1.910746892	0	10.53702912	11.31641882	3.272488143
	Point Brower	Humpback Whitefish	4.093314577	1.362724437	0	4.27213419	4.28523836	1.81483503
	Stump Island	Humpback Whitefish	18.71289016	2.837822151	0	6.454147495	14.76032012	4.117891092
Standard Deviations								
	Bullen Point	Arctic Cisco	4.027719358	0.74354219	0	3.619000283	1.832785595	1.659207962
	Liberty	Arctic Cisco	2.576311643	0.592455564	0.623917747	3.989272365	2.270561581	1.651913969
	Point Brower	Arctic Cisco	3.66003401	1.782886454	0	8.285338922	7.461119547	9.7462712
	Stump Island	Arctic Cisco	9.455251898	4.737087677	0	19.40921989	9.563560191	6.028609772
	Liberty	Arctic Cod	9.113595057	2.521624464	0	6.674178804	7.641940933	7.51839662
	North Star	Arctic Cod	7.854903563	2.119078668	0	10.84737336	5.268829672	3.175295976
	Point Brower	Broad Whitefish	2.0959526	0.669725647	0	1.003614668	0.746653199	1.513289374
	Bullen Point	Four Horn Sculpin	12.1863131	1.584202073	0	3.090055437	6.20858794	9.048517946
	Liberty	Four Horn Sculpin	35.07172397	4.522152432	0	2.15064735	2.649085852	0
	Point Brower	Four Horn Sculpin	11.63842975	2.921114791	0	7.088392429	6.458152744	1.629614702
	Stump Island	Four Horn Sculpin	9.287950693	1.891630306	0	4.986457634	3.40581006	2.719923808
	Point Brower	Humpback Whitefish	0.73878435	1.545719664	0	1.616772897	1.3307672	1.864290334
	Stump Island	Humpback Whitefish	17.16220076	3.995065491	0	3.602567582	4.930445646	3.742259953
Number of Samples								
	Bullen Point	Arctic Cisco	9	9	9	9	9	9
	Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8	8	8
	North Star	Arctic Cod	7	7	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13	13	13

	SITE_NAME	SPECIES	Heptachlor	Heptachlor Eoxide	Oxychlorthane	Methoxychlor	trans-Nonachlor	
Means	Bullen Point	Arctic Cisco	0	0.691121743	8.823694824	3.146746712	11.67693576	
	Liberty	Arctic Cisco	0	2.08430772	10.16675512	3.5236822	13.93952463	
	Point Brower	Arctic Cisco	0	0	15.86833717	58.70349926	28.48453818	
	Stump Island	Arctic Cisco	0.243882677	7.092773012	23.49424345	26.08137288	35.50864889	
	Liberty	Arctic Cod	1.214924046	0	7.83602308	17.50530671	19.87988545	
	North Star	Arctic Cod	1.697504784	0	10.39586449	7.371952211	19.87120623	
	Point Brower	Broad Whitefish	1.50115607	1.300578035	6.6118081	3.091341028	3.134710003	
	Bullen Point	Four Horn Sculpin	0.838705057	1.208941606	14.8683447	7.663837261	20.68359948	
	Liberty	Four Horn Sculpin	0	1.42857143	19.60402795	10.34903568	31.66069295	
	Point Brower	Four Horn Sculpin	5.704547216	2.866362894	19.86374749	18.77770664	21.83867324	
	Stump Island	Four Horn Sculpin	2.767195583	6.450438504	21.46169198	3.48292619	28.00011213	
	Point Brower	Humpback Whitefish	3.367364773	2.24450812	7.714932297	0.970017637	8.90835331	
	Stump Island	Humpback Whitefish	0.77319632	5.112420755	15.09032019	2.763124306	26.99381516	
	Standard Deviations	Bullen Point	Arctic Cisco	0	2.07336523	3.021772207	5.040348206	3.416269864
		Liberty	Arctic Cisco	0	2.396945344	5.44865778	6.5253902	4.958825063
Point Brower		Arctic Cisco	0	0	11.16258859	63.07742084	9.553764332	
Stump Island		Arctic Cisco	0.545674009	6.97350261	15.12285648	28.35218552	20.0765573	
Liberty		Arctic Cod	1.735866132	0	3.323058084	9.837407959	11.45114848	
North Star		Arctic Cod	2.32375745	0	3.35144178	8.149418111	12.08133916	
Point Brower		Broad Whitefish	3.388437827	3.185752556	2.346348804	4.116361102	3.493173029	
Bullen Point		Four Horn Sculpin	1.400183093	2.550509358	3.850781463	6.86960018	9.63314589	
Liberty		Four Horn Sculpin	0	2.020305091	12.08321059	1.601520237	12.84112668	
Point Brower		Four Horn Sculpin	4.811228167	2.728467914	9.231470365	8.797207758	9.446851205	
Stump Island		Four Horn Sculpin	1.70584517	5.214938581	7.588009629	3.328944185	7.453980164	
Point Brower		Humpback Whitefish	3.350464056	3.887602102	1.386028633	1.680119831	0.825242615	
Stump Island		Humpback Whitefish	1.614003906	7.156673316	4.066239901	4.841589438	12.11734242	
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9	9
		Liberty	Arctic Cisco	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	
	Stump Island	Arctic Cisco	11	11	11	11	11	
	Liberty	Arctic Cod	8	8	8	8	8	
	North Star	Arctic Cod	7	7	7	7	7	
	Point Brower	Broad Whitefish	6	6	6	6	6	
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	
	Liberty	Four Horn Sculpin	2	2	2	2	2	
	Point Brower	Four Horn Sculpin	5	5	5	5	5	
	Stump Island	Four Horn Sculpin	12	12	12	12	12	
	Point Brower	Humpback Whitefish	3	3	3	3	3	
	Stump Island	Humpback Whitefish	13	13	13	13	13	

	SITE_NAME	SPECIES	alpha-hexachlorocyclohexane	beta-hexachlorocyclohexane	delta-hexachlorocyclohexane	Endosulfan I
Means						
	Bullen Point	Arctic Cisco	28.83665148	12.54455258	3.866138389	2.476674288
	Liberty	Arctic Cisco	31.5051172	7.410419514	1.861702125	1.229485703
	Point Brower	Arctic Cisco	43.1990676	0.848214286	0.116071428	1.329113924
	Stump Island	Arctic Cisco	23.19648778	0.550964187	0	2.398689938
	Liberty	Arctic Cod	21.83469073	1.417748274	0.339805825	0
	North Star	Arctic Cod	29.53649313	6.17489623	1.249018024	0
	Point Brower	Broad Whitefish	11.65661807	0	0	0
	Bullen Point	Four Horn Sculpin	14.69964162	1.158606476	0	0
	Liberty	Four Horn Sculpin	22.2529442	3.228537295	0	0
	Point Brower	Four Horn Sculpin	24.04836717	0	0	0
	Stump Island	Four Horn Sculpin	25.72426598	2.479783826	0	0
	Point Brower	Humpback Whitefish	14.1936701	0	0	0
	Stump Island	Humpback Whitefish	10.88622815	1.561188345	0	0.092426953
Standard Deviations						
	Bullen Point	Arctic Cisco	6.507004719	5.169423332	7.742248295	5.119590972
	Liberty	Arctic Cisco	12.57543049	7.33409794	5.265688789	1.728715759
	Point Brower	Arctic Cisco	18.00284066	1.896664803	0.259543603	2.971989084
	Stump Island	Arctic Cisco	11.44932608	1.827341482	0	2.57453959
	Liberty	Arctic Cod	3.247711368	2.625684817	0.961116013	0
	North Star	Arctic Cod	6.177536699	6.14670621	2.56291629	0
	Point Brower	Broad Whitefish	4.419270882	0	0	0
	Bullen Point	Four Horn Sculpin	8.96868684	2.131664089	0	0
	Liberty	Four Horn Sculpin	6.328841017	0.061309135	0	0
	Point Brower	Four Horn Sculpin	15.63627577	0	0	0
	Stump Island	Four Horn Sculpin	17.73964727	3.901561937	0	0
	Point Brower	Humpback Whitefish	2.288454734	0	0	0
	Stump Island	Humpback Whitefish	4.801272338	1.690570352	0	0.333250119
Number of Samples						
	Bullen Point	Arctic Cisco	9	9	9	9
	Liberty	Arctic Cisco	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8
	North Star	Arctic Cod	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13

	SITE_NAME	SPECIES	Endosulfan II	Endosulfan Sulfate	Dieldrin	Endrin	Endrin Aldehyd	Endrin Ketone	
Means	Bullen Point	Arctic Cisco	0.223285487	0	10.16741795	0	3.584535842	0	
	Liberty	Arctic Cisco	0	0	10.75707218	0	1.589221344	0	
	Point Brower	Arctic Cisco	3.192571752	0	17.45000359	0	0	0	
	Stump Island	Arctic Cisco	5.556202377	0	20.41090374	2.429742975	3.703352001	0	
	Liberty	Arctic Cod	2.989660609	0	18.77013184	0	0	0	
	North Star	Arctic Cod	0	0	19.83708909	0	0	0	
	Point Brower	Broad Whitefish	1.07918119	0.361271677	3.841597692	0.044642857	3.466666667	0	
	Bullen Point	Four Horn Sculpin	0	0.909782609	12.88432428	0	7.327514509	0	
	Liberty	Four Horn Sculpin	0	0	15.70660525	0.368663595	0	0	
	Point Brower	Four Horn Sculpin	3.547108606	1.0041841	14.63151197	0	6.08909194	0	
	Stump Island	Four Horn Sculpin	1.325375537	2.148939861	14.2901918	0.278706801	4.866261221	0	
	Point Brower	Humpback Whitefish	0	0	7.65696094	0	0	0	
	Stump Island	Humpback Whitefish	0	0.604360178	7.793681726	0	18.21712667	0	
	Standard Deviations	Bullen Point	Arctic Cisco	0.66985646	0	4.545526637	0	6.695688592	0
		Liberty	Arctic Cisco	0	0	5.64356704	0	2.469330257	0
Point Brower		Arctic Cisco	3.908455372	0	6.389562336	0	0	0	
Stump Island		Arctic Cisco	2.9400249	0	11.83160365	7.351807332	4.404543371	0	
Liberty		Arctic Cod	5.749004264	0	4.651319685	0	0	0	
North Star		Arctic Cod	0	0	5.656915243	0	0	0	
Point Brower		Broad Whitefish	1.345907256	0.884931266	1.369615469	0.109352219	8.491564442	0	
Bullen Point		Four Horn Sculpin	0	1.920331214	5.863259765	0	13.57014663	0	
Liberty		Four Horn Sculpin	0	0	1.357731923	0.521369056	0	0	
Point Brower		Four Horn Sculpin	3.018338384	2.24542391	4.338156271	0	8.350868369	0	
Stump Island		Four Horn Sculpin	3.096611514	3.264486689	5.403955284	0.965468679	5.660895375	0	
Point Brower		Humpback Whitefish	0	0	1.424166369	0	0	0	
Stump Island		Humpback Whitefish	0	1.513966071	4.175195125	0	12.73077689	0	
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9	9	9
		Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5	
	Stump Island	Arctic Cisco	11	11	11	11	11	11	
	Liberty	Arctic Cod	8	8	8	8	8	8	
	North Star	Arctic Cod	7	7	7	7	7	7	
	Point Brower	Broad Whitefish	6	6	6	6	6	6	
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10	
	Liberty	Four Horn Sculpin	2	2	2	2	2	2	
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5	
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12	
	Point Brower	Humpback Whitefish	3	3	3	3	3	3	
	Stump Island	Humpback Whitefish	13	13	13	13	13	13	

	SITE_NAME	SPECIES	hexachlorobenzene	lindane	Mirex	Toxaphene	Naphthalene	Benzo[g,h,i]pervlene
Means								
	Bullen Point	Arctic Cisco	34.05340846	6.40572227	0	0	63.96684067	18.15924018
	Liberty	Arctic Cisco	41.80635416	8.008405171	0	0	129.0106359	29.70442723
	Point Brower	Arctic Cisco	87.66187748	5.243668998	4.86956522	0	182.7010201	66.59511634
	Stump Island	Arctic Cisco	92.79170155	6.81880742	0.154269973	0	83.17445075	31.3435525
	Liberty	Arctic Cod	61.42426374	3.389371884	1.829728758	0	330.6998803	27.84968394
	North Star	Arctic Cod	51.02140433	12.24744353	4.41884978	0	281.980654	0
	Point Brower	Broad Whitefish	31.57837442	0.619612698	1.633885742	0	35.10401887	3.699001235
	Bullen Point	Four Horn Sculpin	32.05314306	4.565578729	3.428690125	0	140.4950001	1.648181604
	Liberty	Four Horn Sculpin	28.4263526	4.89759345	3.459378735	0	169.901007	6.608636285
	Point Brower	Four Horn Sculpin	42.2172821	3.142734396	5.565847906	0	139.2341622	16.5914507
	Stump Island	Four Horn Sculpin	37.92713404	5.97011179	4.277204933	0	91.72441613	14.2996381
	Point Brower	Humpback Whitefish	53.33664903	1.764894067	2.798656677	0	26.55907183	0.758322487
	Stump Island	Humpback Whitefish	48.95147131	1.317512655	5.198498598	0	48.7369237	11.03635207
Standard Deviations								
	Bullen Point	Arctic Cisco	12.44181492	1.527395982	0	0	44.16475426	10.39020424
	Liberty	Arctic Cisco	13.14821426	4.364740369	0	0	49.45625735	29.68980377
	Point Brower	Arctic Cisco	50.65580487	6.623950228	10.88867885	0	109.4900561	57.99659948
	Stump Island	Arctic Cisco	59.7379062	5.654435967	0.511655616	0	44.16252921	37.47680193
	Liberty	Arctic Cod	15.36387128	5.109853968	1.612431737	0	112.7549078	50.16718074
	North Star	Arctic Cod	12.8583514	8.442738724	1.636289764	0	78.03733296	0
	Point Brower	Broad Whitefish	12.85760423	0.72369727	0.953782551	0	19.51578919	2.889212213
	Bullen Point	Four Horn Sculpin	15.16555807	4.349457519	2.849567603	0	55.42332788	1.874339454
	Liberty	Four Horn Sculpin	12.17734666	0.930498939	0.125876837	0	46.47667209	2.177198559
	Point Brower	Four Horn Sculpin	17.84787206	3.677195206	2.87423614	0	47.32666605	19.1166199
	Stump Island	Four Horn Sculpin	9.587033546	6.383014741	2.316985714	0	56.20993553	21.29319628
	Point Brower	Humpback Whitefish	7.746454566	0.535932584	0.215820858	0	4.422288873	0.123569805
	Stump Island	Humpback Whitefish	9.639631915	2.653635426	1.782840457	0	15.40083992	14.54140695
Number of Samples								
	Bullen Point	Arctic Cisco	9	9	9	9	9	9
	Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8	8	8
	North Star	Arctic Cod	7	7	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13	13	13

	SITE_NAME	SPECIES	Biphenyl	C1-Naphthalenes	C2-Naphthalenes	C3-Naphthalenes	C4-Naphthalenes	Acenaphthylene
Means								
	Bullen Point	Arctic Cisco	12.2021489	61.26466103	75.69078127	35.50721441	0	5.376344089
	Liberty	Arctic Cisco	17.23900418	80.15894796	77.07783798	36.31724616	0	0
	Point Brower	Arctic Cisco	34.8150899	89.25773762	120.0654666	4.46428572	0	27.08696676
	Stump Island	Arctic Cisco	16.36542813	54.97258558	88.16664162	22.04266465	0	9.715935088
	Liberty	Arctic Cod	41.47388898	249.1616754	201.325488	76.89104699	0	2.277250046
	North Star	Arctic Cod	8.048925543	188.0415643	143.970042	45.69503549	0	0
	Point Brower	Broad Whitefish	25.9560777	13.1392896	29.04207428	18.43394333	0	2.66071485
	Bullen Point	Four Horn Sculpin	30.23832684	178.197334	194.7407067	79.85108299	0	0.73775355
	Liberty	Four Horn Sculpin	39.2925414	164.797747	149.6159755	67.89554535	0	3.26062468
	Point Brower	Four Horn Sculpin	49.63108506	50.67734082	74.7648023	66.44061004	0	7.79526279
	Stump Island	Four Horn Sculpin	86.39449427	37.67110298	51.90382314	24.88883722	7.319819817	4.588059161
	Point Brower	Humpback Whitefish	17.03855627	9.62128039	18.81603453	16.87408257	0	1.146131807
	Stump Island	Humpback Whitefish	9.235504138	19.78234022	32.07374702	19.60440058	0	6.118614035
Standard Deviations								
	Bullen Point	Arctic Cisco	5.937153578	98.95310881	83.45510209	20.50428488	0	16.12903227
	Liberty	Arctic Cisco	9.309522238	39.2622652	33.86357193	20.92213504	0	0
	Point Brower	Arctic Cisco	24.55207669	59.72915544	62.81852774	9.982446341	0	46.37492325
	Stump Island	Arctic Cisco	10.56448652	33.41417849	59.01785423	45.86713441	0	20.02558126
	Liberty	Arctic Cod	23.57691755	121.6936265	87.90051948	32.23566694	0	2.578145255
	North Star	Arctic Cod	14.35964863	85.43098565	47.5002936	22.80574812	0	0
	Point Brower	Broad Whitefish	42.31883823	6.686514949	18.91300215	16.08141272	0	2.015355617
	Bullen Point	Four Horn Sculpin	13.60073131	88.64995707	65.67166976	22.15564508	0	1.077132786
	Liberty	Four Horn Sculpin	8.951375617	60.21088488	23.02713385	1.737896853	0	0.211444118
	Point Brower	Four Horn Sculpin	46.55495192	21.47233174	34.72465809	42.33816586	0	7.957610841
	Stump Island	Four Horn Sculpin	55.64574602	21.74632977	36.79649133	43.13595569	25.35659965	8.819170607
	Point Brower	Humpback Whitefish	3.631256728	0.792942705	2.082627843	3.736931724	0	1.985158521
	Stump Island	Humpback Whitefish	2.364897905	3.746241661	7.18279339	17.20370805	0	5.454083873
Number of Samples								
	Bullen Point	Arctic Cisco	9	9	9	9	9	9
	Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8	8	8
	North Star	Arctic Cod	7	7	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13	13	13

	SITE_NAME	SPECIES	Acenaphthene	Anthracene	Dibenzothiophene	C1- Dibenzothiophenes	C2- Dibenzothiophenes	
Means	Bullen Point	Arctic Cisco	0	0.590520191	4.281866797	0	0	
	Liberty	Arctic Cisco	0	4.111850858	6.330750371	0	0	
	Point Brower	Arctic Cisco	0	23.13879104	7.70145829	0	0	
	Stump Island	Arctic Cisco	0	2.117488739	7.167620834	2.182718273	2.475247527	
	Liberty	Arctic Cod	7.606132865	2.942952659	6.167910939	3.731392733	8.3508115	
	North Star	Arctic Cod	2.011239271	1.7948096	1.20733883	7.75146981	9.165353586	
	Point Brower	Broad Whitefish	11.94610049	2.714744478	2.487159462	3.046823213	2.996487028	
	Bullen Point	Four Horn Sculpin	5.060072094	1.258230508	131.2294499	1.00719424	0	
	Liberty	Four Horn Sculpin	9.974398345	3.18911077	8.86755419	7.11469534	0	
	Point Brower	Four Horn Sculpin	12.94178993	15.27554629	12.29713951	35.14893754	71.35050644	
	Stump Island	Four Horn Sculpin	9.359491409	9.108895544	7.56536313	7.024387948	10.38707134	
	Point Brower	Humpback Whitefish	8.930203827	1.21165913	1.44489063	0	0	
	Stump Island	Humpback Whitefish	12.03560588	1.746969387	2.653633008	0	0	
	Standard Deviations	Bullen Point	Arctic Cisco	0	0.969096429	0.848766976	0	0
		Liberty	Arctic Cisco	0	7.49608332	2.076820279	0	0
Point Brower		Arctic Cisco	0	24.97110183	9.799341371	0	0	
Stump Island		Arctic Cisco	0	2.748076921	5.347219165	7.239257534	8.209467311	
Liberty		Arctic Cod	7.95774021	4.010085455	2.770232089	4.17575246	9.383860988	
North Star		Arctic Cod	5.321238939	4.748619852	2.153947292	7.49427014	12.6323765	
Point Brower		Broad Whitefish	7.826741651	2.692431441	1.306463572	3.4538227	4.649150548	
Bullen Point		Four Horn Sculpin	6.634315762	1.616290709	403.4527924	3.185027845	0	
Liberty		Four Horn Sculpin	1.535142193	1.251527101	0.493610978	0.93774018	0	
Point Brower		Four Horn Sculpin	6.926229268	14.87411567	12.77501709	60.23740583	120.3047383	
Stump Island		Four Horn Sculpin	8.690470364	20.84758835	8.649316058	12.66590139	17.30890773	
Point Brower		Humpback Whitefish	2.070797603	0.68772973	0.198800759	0	0	
Stump Island		Humpback Whitefish	7.966650348	0.476440855	0.604580154	0	0	
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9	9
		Liberty	Arctic Cisco	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	
	Stump Island	Arctic Cisco	11	11	11	11	11	
	Liberty	Arctic Cod	8	8	8	8	8	
	North Star	Arctic Cod	7	7	7	7	7	
	Point Brower	Broad Whitefish	6	6	6	6	6	
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	
	Liberty	Four Horn Sculpin	2	2	2	2	2	
	Point Brower	Four Horn Sculpin	5	5	5	5	5	
	Stump Island	Four Horn Sculpin	12	12	12	12	12	
	Point Brower	Humpback Whitefish	3	3	3	3	3	
	Stump Island	Humpback Whitefish	13	13	13	13	13	

	SITE_NAME	SPECIES	C3- Dibenzothioophenes	Fluorene	C1-Fluorenes	C2-Fluorenes	C3-Fluorenes	Phenanthrene	
Means	Bullen Point	Arctic Cisco	0	8.20753412	0	0	0	19.25652237	
	Liberty	Arctic Cisco	0	12.29601012	0	0	0	26.56291725	
	Point Brower	Arctic Cisco	0	26.99734083	0	0	0	78.75263344	
	Stump Island	Arctic Cisco	13.05130509	12.19735602	0	0	0	38.80194645	
	Liberty	Arctic Cod	1.356132075	15.24016515	15.48487995	29.48916406	17.80185763	25.83466699	
	North Star	Arctic Cod	0	4.123211257	7.4416632	0	0	24.41276893	
	Point Brower	Broad Whitefish	1.396917148	4.563465618	6.978078223	4.3956044	0	18.42418175	
	Bullen Point	Four Horn Sculpin	0	43.62256933	3.14076012	0	0	11.73920736	
	Liberty	Four Horn Sculpin	0	18.92814475	0	0	0	41.80747565	
	Point Brower	Four Horn Sculpin	47.43941806	22.04073527	27.8364243	47.6780185	61.609907	94.71163168	
	Stump Island	Four Horn Sculpin	5.572094375	12.14164879	9.619534658	5.067567567	5.743995788	48.07340293	
	Point Brower	Humpback Whitefish	0	3.340993527	0	0	0	11.60045696	
	Stump Island	Humpback Whitefish	0	5.048655534	0	0	0	15.20995091	
	Standard Deviations	Bullen Point	Arctic Cisco	0	3.901793342	0	0	0	5.944240233
		Liberty	Arctic Cisco	0	6.576680283	0	0	0	16.3338267
Point Brower		Arctic Cisco	0	15.08231359	0	0	0	44.47887449	
Stump Island		Arctic Cisco	43.28628201	8.402669646	0	0	0	23.36385808	
Liberty		Arctic Cod	3.835720746	10.1990487	18.17900636	66.65479261	50.35125698	22.86972416	
North Star		Arctic Cod	0	10.90899159	12.83056512	0	0	49.74022652	
Point Brower		Broad Whitefish	3.421734226	2.395510679	8.116629646	10.76698789	0	11.10511623	
Bullen Point		Four Horn Sculpin	0	115.0050076	6.6621407	0	0	12.62981608	
Liberty		Four Horn Sculpin	0	5.817127002	0	0	0	3.72923697	
Point Brower		Four Horn Sculpin	76.97711207	17.03092067	29.83199166	72.78637098	85.84285719	68.11140215	
Stump Island		Four Horn Sculpin	13.11041888	14.07579465	13.7390699	17.55456899	19.47330335	70.85332458	
Point Brower		Humpback Whitefish	0	0.430449473	0	0	0	1.88192146	
Stump Island		Humpback Whitefish	0	0.764365549	0	0	0	2.892573048	
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9	9	9
		Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5	
	Stump Island	Arctic Cisco	11	11	11	11	11	11	
	Liberty	Arctic Cod	8	8	8	8	8	8	
	North Star	Arctic Cod	7	7	7	7	7	7	
	Point Brower	Broad Whitefish	6	6	6	6	6	6	
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10	
	Liberty	Four Horn Sculpin	2	2	2	2	2	2	
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5	
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12	
	Point Brower	Humpback Whitefish	3	3	3	3	3	3	
	Stump Island	Humpback Whitefish	13	13	13	13	13	13	

	SITE_NAME	SPECIES	C1-Phenanthrenes/ anthracenes	C2-Phenanthrenes/ anthracenes	C3-Phenanthrenes/ anthracenes	C4-Phenanthrenes/ anthracenes
Means	Bullen Point	Arctic Cisco	0	0	0	0
	Liberty	Arctic Cisco	0	0	0	0
	Point Brower	Arctic Cisco	0	0	0	0
	Stump Island	Arctic Cisco	0	0	0	0
	Liberty	Arctic Cod	21.59026234	15.74085433	0	0
	North Star	Arctic Cod	42.62539279	40.44586553	9.234215571	0
	Point Brower	Broad Whitefish	9.31570035	8.724041967	0	0
	Bullen Point	Four Horn Sculpin	5.904416169	3.22440087	0	0
	Liberty	Four Horn Sculpin	22.8298344	37.4466633	0	0
	Point Brower	Four Horn Sculpin	98.87524886	147.3604107	63.5294118	42.3529412
	Stump Island	Four Horn Sculpin	31.89744129	26.95006237	8.0473419	0
	Point Brower	Humpback Whitefish	0	0	0	0
	Stump Island	Humpback Whitefish	0	0	0	0
	Standard Deviations	Bullen Point	Arctic Cisco	0	0	0
Liberty		Arctic Cisco	0	0	0	0
Point Brower		Arctic Cisco	0	0	0	0
Stump Island		Arctic Cisco	0	0	0	0
Liberty		Arctic Cod	16.79364541	17.93520964	0	0
North Star		Arctic Cod	23.53349693	26.25265416	17.18428518	0
Point Brower		Broad Whitefish	15.04730662	13.55332531	0	0
Bullen Point		Four Horn Sculpin	9.035307657	7.263081131	0	0
Liberty		Four Horn Sculpin	7.521231363	20.37201309	0	0
Point Brower		Four Horn Sculpin	117.6343388	222.7946532	142.0560834	94.70405557
Stump Island		Four Horn Sculpin	50.56618999	37.86744256	19.38362837	0
Point Brower		Humpback Whitefish	0	0	0	0
Stump Island		Humpback Whitefish	0	0	0	0
Number of Samples		Bullen Point	Arctic Cisco	9	9	9
	Liberty	Arctic Cisco	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8
	North Star	Arctic Cod	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13

	SITE_NAME	SPECIES	Benzo[a] anthracene	Chrysene	C1-Chrysenes	C2-Chrysenes	C3-Chrysenes	C4-Chrysenes
Means								
	Bullen Point	Arctic Cisco	0	0	0	0	0	0
	Liberty	Arctic Cisco	0	0	0	0	0	0
	Point Brower	Arctic Cisco	0	0	0	0	0	0
	Stump Island	Arctic Cisco	0	0	0	0	0	0
	Liberty	Arctic Cod	3.041774673	4.660618488	2.532536205	0	0	0
	North Star	Arctic Cod	7.096404603	16.09640774	3.156672751	0	0	0
	Point Brower	Broad Whitefish	4.213619825	6.589254783	2.894552453	0	0	0
	Bullen Point	Four Horn Sculpin	0.505050505	1.24579125	1.84503492	0	0	0
	Liberty	Four Horn Sculpin	0	0	4.074074075	0	0	0
	Point Brower	Four Horn Sculpin	33.11753819	46.58715653	53.49195956	40	20	0
	Stump Island	Four Horn Sculpin	24.84656008	30.61842246	12.46792655	0	0	0
	Point Brower	Humpback Whitefish	0	0	0	0	0	0
	Stump Island	Humpback Whitefish	0	0	0	0	0	0
Standard Deviations								
	Bullen Point	Arctic Cisco	0	0	0	0	0	0
	Liberty	Arctic Cisco	0	0	0	0	0	0
	Point Brower	Arctic Cisco	0	0	0	0	0	0
	Stump Island	Arctic Cisco	0	0	0	0	0	0
	Liberty	Arctic Cod	5.932810447	8.985078735	4.276578167	0	0	0
	North Star	Arctic Cod	6.968963122	14.95520729	4.059953324	0	0	0
	Point Brower	Broad Whitefish	8.102864493	10.42605311	4.636835232	0	0	0
	Bullen Point	Four Horn Sculpin	1.597109929	3.939537839	3.018339423	0	0	0
	Liberty	Four Horn Sculpin	0	0	5.761610811	0	0	0
	Point Brower	Four Horn Sculpin	39.10742138	58.28967061	98.97713601	89.4427191	44.72135955	0
	Stump Island	Four Horn Sculpin	55.4953209	55.55176826	29.49714337	0	0	0
	Point Brower	Humpback Whitefish	0	0	0	0	0	0
	Stump Island	Humpback Whitefish	0	0	0	0	0	0
Number of Samples								
	Bullen Point	Arctic Cisco	9	9	9	9	9	9
	Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8	8	8
	North Star	Arctic Cod	7	7	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13	13	13

	SITE_NAME	SPECIES	Fluoranthene	Pyrene	C1-Fluoranthenes/ dvrenes	C2-Fluoranthenes/ dvrenes	C3-Fluoranthenes/ dvrenes
Means	Bullen Point	Arctic Cisco	5.770148157	4.066086163	0	0	0
	Liberty	Arctic Cisco	7.629408855	4.697013789	0	0	0
	Point Brower	Arctic Cisco	27.72955293	24.47477175	0	0	0
	Stump Island	Arctic Cisco	13.58249606	9.181615131	0	0	0
	Liberty	Arctic Cod	7.527748788	5.269528691	8.87361445	2.505896225	0
	North Star	Arctic Cod	11.64200824	0	19.42100356	0	0
	Point Brower	Broad Whitefish	9.377516958	7.960615402	6.282964517	3.748710617	0
	Bullen Point	Four Horn Sculpin	3.953039911	2.90629481	0	0	0
	Liberty	Four Horn Sculpin	11.64533198	8.41099165	0	0	0
	Point Brower	Four Horn Sculpin	57.9056578	63.21070278	82.82011032	64.83062302	31.7647058
	Stump Island	Four Horn Sculpin	39.12979635	33.54959258	26.89503578	13.9191192	2.970297033
	Point Brower	Humpback Whitefish	4.52793809	2.729435483	0	0	0
	Stump Island	Humpback Whitefish	5.027047199	4.336460934	0	0	0
	Standard Deviations	Bullen Point	Arctic Cisco	2.421903071	1.780672856	0	0
Liberty		Arctic Cisco	4.421538199	2.297057778	0	0	0
Point Brower		Arctic Cisco	28.57105132	17.69477551	0	0	0
Stump Island		Arctic Cisco	10.83565822	7.815718294	0	0	0
Liberty		Arctic Cod	8.324145286	6.130659607	7.899398116	7.087744855	0
North Star		Arctic Cod	30.80185857	0	17.97956606	0	0
Point Brower		Broad Whitefish	12.2049484	10.73535209	10.38353668	5.834851023	0
Bullen Point		Four Horn Sculpin	4.523426475	3.420047494	0	0	0
Liberty		Four Horn Sculpin	3.434760046	2.770980002	0	0	0
Point Brower		Four Horn Sculpin	57.91469681	65.78332748	110.945267	110.1600444	71.02804145
Stump Island		Four Horn Sculpin	82.84753069	74.57041828	58.33103148	32.54279479	10.28941075
Point Brower		Humpback Whitefish	1.107511793	0.518793733	0	0	0
Stump Island		Humpback Whitefish	1.388267678	1.476230584	0	0	0
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9
	Liberty	Arctic Cisco	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8	8
	North Star	Arctic Cod	7	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13	13

	SITE_NAME	SPECIES	Benzo[a] pyrene	Benzo[e] pyrene	Benzo[b] fluoranthene	Benzo[k] fluoranthene	Dibenzo[a,h] anthracene	Perylene
Means	Bullen Point	Arctic Cisco	0	0	0.531632111	0.202020202	0	0
	Liberty	Arctic Cisco	0	0	0	0	0	0
	Point Brower	Arctic Cisco	0	0	0	0	0	0
	Stump Island	Arctic Cisco	0	0	0.247524753	0.132763276	0	0
	Liberty	Arctic Cod	0.174148606	12.80588828	1.764559845	2.092265909	0.566037736	0
	North Star	Arctic Cod	0	0	0	4.123211257	0	0.899100899
	Point Brower	Broad Whitefish	9.402448355	2.714768097	3.56357409	2.955615897	0.361271677	2.16033164
	Bullen Point	Four Horn Sculpin	0	0	0.612029915	0.376901709	0	2.095861776
	Liberty	Four Horn Sculpin	0	0	1.85185185	1.111111111	0	8.1174262
	Point Brower	Four Horn Sculpin	20.89308366	17.93802038	25.54157146	14.34202767	5.691875322	13.99102579
	Stump Island	Four Horn Sculpin	21.79802293	16.55835043	23.43642598	18.29271834	3.666041506	8.537052249
	Point Brower	Humpback Whitefish	2.71132437	2.946564383	0.672708117	0.459968767	0	1.05885236
	Stump Island	Humpback Whitefish	0	0	1.27942168	1.1024773	0.175438596	0.411522634
	Standard Deviations	Bullen Point	Arctic Cisco	0	0	1.594896333	0.606060607	0
Liberty		Arctic Cisco	0	0	0	0	0	0
Point Brower		Arctic Cisco	0	0	0	0	0	0
Stump Island		Arctic Cisco	0	0	0.820946731	0.440325974	0	0
Liberty		Arctic Cod	0.492566642	34.8648351	3.299978955	4.210686808	1.600996487	0
North Star		Arctic Cod	0	0	0	10.90899159	0	2.378797381
Point Brower		Broad Whitefish	9.537205326	5.20975024	6.940348531	5.782569143	0.884931266	3.428690561
Bullen Point		Four Horn Sculpin	0	0	1.3879771	0.800693005	0	4.473686603
Liberty		Four Horn Sculpin	0	0	2.618914002	1.571348401	0	6.85262386
Point Brower		Four Horn Sculpin	24.90190953	19.77115842	30.11487739	15.37408438	6.972242069	9.109165462
Stump Island		Four Horn Sculpin	59.30274193	40.904621	51.07763007	43.23850528	6.568281964	13.84607939
Point Brower		Humpback Whitefish	2.359411885	2.849467488	0.623125866	0.402128124	0	1.162401181
Stump Island		Humpback Whitefish	0	0	2.109006602	1.840801398	0.632552854	1.483765957
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9	9
	Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	11	11	11
	Liberty	Arctic Cod	8	8	8	8	8	8
	North Star	Arctic Cod	7	7	7	7	7	7
	Point Brower	Broad Whitefish	6	6	6	6	6	6
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10
	Liberty	Four Horn Sculpin	2	2	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12
	Point Brower	Humpback Whitefish	3	3	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13	13	13

	SITE_NAME	SPECIES	Indeno[1,2,3,-c,d] ovrene	Percent Lipids	Percent Solids	Total PCB congeners	Total PCBs	Total Pesticides	
Means	Bullen Point	Arctic Cisco	0	100	769.6163134	136.9454419	68.47272094	166.1886582	
	Liberty	Arctic Cisco	0	100	937.929624	136.3781837	68.18909181	170.9257375	
	Point Brower	Arctic Cisco	0	100	2190.243781	166.8381198	83.41905984	341.0855286	
	Stump Island	Arctic Cisco	0	100	1726.804601	257.6592203	128.8296102	346.2780716	
	Liberty	Arctic Cod	2.816926884	100	548.2644948	468.6193796	234.3096895	208.7473861	
	North Star	Arctic Cod	1.301390121	100	451.2254147	663.7238136	331.8619067	224.7747016	
	Point Brower	Broad Whitefish	1.87029491	100	643.3618433	104.5682652	52.2841326	81.39514372	
	Bullen Point	Four Horn Sculpin	0.973517871	100	709.7500928	4620.050001	2310.025006	162.8843008	
	Liberty	Four Horn Sculpin	0	100	870.0034135	201.635433	100.8177164	196.7365595	
	Point Brower	Four Horn Sculpin	12.43686316	100	1035.615663	455.6907887	227.8453944	221.9558328	
	Stump Island	Four Horn Sculpin	12.79871755	100	722.2322638	504.3780409	252.1890203	217.0925661	
	Point Brower	Humpback Whitefish	0	100	403.1938017	237.6370097	118.8185047	125.914693	
	Stump Island	Humpback Whitefish	1.123851721	100	795.9993532	1221.106631	610.5533153	204.125764	
	Standard Deviations	Bullen Point	Arctic Cisco	0	0	184.8171776	39.28039772	19.64019885	58.67934307
		Liberty	Arctic Cisco	0	0	282.4281667	94.31419008	47.15709496	62.14389345
Point Brower		Arctic Cisco	0	0	1063.452326	65.25351814	32.62675902	181.2990547	
Stump Island		Arctic Cisco	0	0	992.8589671	108.7191005	54.35955033	186.1543071	
Liberty		Arctic Cod	6.118763256	0	140.193909	573.8629084	286.9314536	63.46523213	
North Star		Arctic Cod	3.44315462	0	104.7817811	470.1901061	235.0950532	53.52931943	
Point Brower		Broad Whitefish	3.145757754	0	208.2770391	114.5423781	57.27118905	26.92048823	
Bullen Point		Four Horn Sculpin	1.981145448	0	121.2056151	12291.02109	6145.510559	40.6338885	
Liberty		Four Horn Sculpin	0	0	125.1889175	14.34344185	7.171721068	72.02604876	
Point Brower		Four Horn Sculpin	17.14736679	0	140.611241	298.3088106	149.1544056	77.9334226	
Stump Island		Four Horn Sculpin	27.77526532	0	200.1725648	178.9666377	89.48331889	67.94282108	
Point Brower		Humpback Whitefish	0	0	29.57567495	134.8443251	67.42216227	18.55759373	
Stump Island		Humpback Whitefish	1.578619991	0	258.3306925	1286.411407	643.2057037	44.19607761	
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9	9	9
		Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5	
	Stump Island	Arctic Cisco	11	11	11	11	11	11	
	Liberty	Arctic Cod	8	8	8	8	8	8	
	North Star	Arctic Cod	7	7	7	7	7	7	
	Point Brower	Broad Whitefish	6	6	6	6	6	6	
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10	
	Liberty	Four Horn Sculpin	2	2	2	2	2	2	
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5	
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12	
	Point Brower	Humpback Whitefish	3	3	3	3	3	3	
	Stump Island	Humpback Whitefish	13	13	13	13	13	13	

	SITE_NAME	SPECIES	Total DDTs	Total HCHs	Total Chlordanes	Total Endosulphans	Total Endrin	Total Low PAHs	
Means	Bullen Point	Arctic Cisco	19.62051751	45.24734243	44.40975388	2.699959773	3.584535842	222.3775932	
	Liberty	Arctic Cisco	19.62744688	40.77723883	46.90992508	1.229485703	1.589221344	260.094565	
	Point Brower	Arctic Cisco	32.79030363	44.16335332	144.3850707	4.521685684	0	412.2797704	
	Stump Island	Arctic Cisco	46.12745369	23.74745197	142.139496	7.954892304	6.133094975	269.2569381	
	Liberty	Arctic Cod	24.70575273	23.59224481	72.04623179	2.989660609	0	742.4665323	
	North Star	Arctic Cod	26.17393073	36.96040741	74.11557693	0	0	535.9688956	
	Point Brower	Broad Whitefish	6.212520265	11.65661807	20.90077252	1.440452867	3.511309523	166.2214038	
	Bullen Point	Four Horn Sculpin	21.87953729	15.85824809	63.97748214	0.909782609	7.327514509	689.9515047	
	Liberty	Four Horn Sculpin	42.74364225	25.4814815	75.65284175	0	0.368663595	575.0203105	
	Point Brower	Four Horn Sculpin	30.31209392	24.04836717	91.39761054	4.551292706	6.08909194	1049.757169	
	Stump Island	Four Horn Sculpin	30.51628981	28.2040498	87.28830044	3.474315399	5.144968022	409.3244359	
	Point Brower	Humpback Whitefish	12.58647856	14.1936701	33.5773837	0	0	90.0242897	
	Stump Island	Humpback Whitefish	33.43803383	12.4474165	76.06523546	0.696787132	18.21712667	123.5094208	
	Standard Deviations	Bullen Point	Arctic Cisco	11.69244124	17.03487241	18.74205607	5.251482572	6.695688592	227.5375569
		Liberty	Arctic Cisco	13.19976417	19.34212544	20.88881482	1.728715759	2.469330257	123.0217967
Point Brower		Arctic Cisco	18.09163954	16.40956074	97.5431891	6.672344577	0	237.6451717	
Stump Island		Arctic Cisco	24.19025111	11.8571289	84.97716205	4.761530786	7.324824069	149.206745	
Liberty		Arctic Cod	21.73896669	3.985947776	34.95541835	5.749004264	0	261.2625325	
North Star		Arctic Cod	11.96963259	13.59461442	28.8083442	0	0	143.6579381	
Point Brower		Broad Whitefish	5.221817892	4.419270882	6.594307571	1.287968731	8.470371657	97.46345487	
Bullen Point		Four Horn Sculpin	26.87070752	10.89554909	17.72400776	1.920331214	13.57014663	431.1117144	
Liberty		Four Horn Sculpin	39.59387634	6.390150145	25.00399094	0	0.521369056	68.17286552	
Point Brower		Four Horn Sculpin	19.12360497	15.63627577	31.91714902	3.174786316	8.350868369	1210.662703	
Stump Island		Four Horn Sculpin	10.40519213	21.34417646	24.59285632	5.939780633	5.47893724	409.8909976	
Point Brower		Humpback Whitefish	3.870524624	2.288454734	10.14225269	0	0	11.45845648	
Stump Island		Humpback Whitefish	20.40449471	4.645057922	18.98816442	1.510668959	12.73077689	22.09930734	
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	9	9	9
		Liberty	Arctic Cisco	8	8	8	8	8	8
	Point Brower	Arctic Cisco	5	5	5	5	5	5	
	Stump Island	Arctic Cisco	11	11	11	11	11	11	
	Liberty	Arctic Cod	8	8	8	8	8	8	
	North Star	Arctic Cod	7	7	7	7	7	7	
	Point Brower	Broad Whitefish	6	6	6	6	6	6	
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10	
	Liberty	Four Horn Sculpin	2	2	2	2	2	2	
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5	
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12	
	Point Brower	Humpback Whitefish	3	3	3	3	3	3	
	Stump Island	Humpback Whitefish	13	13	13	13	13	13	

	SITE_NAME	SPECIES	Total High PAHs	Total PAHs	PHN Equivalents (na/a)	BaP Equivalents (na/a)	Liver Hep	Gut muc ept
Means								
	Bullen Point	Arctic Cisco	10.56988663	232.9474798	9700	9700	0.5625	0
	Liberty	Arctic Cisco	12.32642264	272.4209876			1.6875	0
	Point Brower	Arctic Cisco	52.20432472	464.4840952	5050	255	1.05	0
	Stump Island	Arctic Cisco	23.14439922	292.4013371	6811.111111	318.8888889	0.975	
	Liberty	Arctic Cod	54.63154471	797.098078	12000	180	0.5625	0.5
	North Star	Arctic Cod	63.73619921	599.7050949	3550	35.5	1.75	2.25
	Point Brower	Broad Whitefish	64.09553918	230.3169432	5520	84.2	1.708333333	0
	Bullen Point	Four Horn Sculpin	14.51352267	704.465027	2361.25	63.25	1.4	4.4
	Liberty	Four Horn Sculpin	35.21078685	610.2310975	1145	22.5	0.75	2
	Point Brower	Four Horn Sculpin	604.5629212	1654.32009	48.25	10.75	4.7	5.95
	Stump Island	Four Horn Sculpin	289.4840788	698.8085146	3436.666667	136.1111111	3.208333333	
	Point Brower	Humpback Whitefish	15.10679158	105.131081	5866.666667	80.33333333	0	0
	Stump Island	Humpback Whitefish	13.45622008	136.9656408	6538.461538	171.6923077	0.375	0
Standard Deviations								
	Bullen Point	Arctic Cisco	5.821219936	227.9886389			0.664803945	0
	Liberty	Arctic Cisco	6.708679373	128.9374596			0.873723559	0
	Point Brower	Arctic Cisco	44.96880906	275.5123978	4030.508653	91.92388155	0.670820393	0
	Stump Island	Arctic Cisco	17.79007732	160.5439841	2153.163048	70.78920194	1.003120132	
	Liberty	Arctic Cod	49.10279878	274.8810644			0.776323754	0.645497224
	North Star	Arctic Cod	74.65352001	185.8871912	2333.452378	23.33452378	0.612372436	1.942935923
	Point Brower	Broad Whitefish	87.36764676	165.8599005	3550.633746	46.05648706	1.860219521	0
	Bullen Point	Four Horn Sculpin	12.06189013	435.533591	1929.325845	29.59126319	3.098386677	2.221110833
	Liberty	Four Horn Sculpin	23.01023704	45.16262939	784.8885271	3.535533906	1.060660172	1.414213562
	Point Brower	Four Horn Sculpin	775.6181673	1982.602462	33.41032774	9.5	3.07408523	3.346640106
	Stump Island	Four Horn Sculpin	639.6109012	983.7964827	7717.242059	260.552991	2.67529381	
	Point Brower	Humpback Whitefish	6.402169882	16.7968987	2557.994006	39.01709027	0	0
	Stump Island	Humpback Whitefish	6.507755842	20.28830032	11405.15515	125.232041	0.932372341	0
Number of Samples								
	Bullen Point	Arctic Cisco	9	9	1	1	8	7
	Liberty	Arctic Cisco	8	8	0	0	8	7
	Point Brower	Arctic Cisco	5	5	2	2	5	2
	Stump Island	Arctic Cisco	11	11	7	7	10	0
	Liberty	Arctic Cod	8	8	1	1	8	7
	North Star	Arctic Cod	7	7	2	2	6	6
	Point Brower	Broad Whitefish	6	6	5	5	6	4
	Bullen Point	Four Horn Sculpin	10	10	8	8	10	10
	Liberty	Four Horn Sculpin	2	2	2	2	2	2
	Point Brower	Four Horn Sculpin	5	5	4	4	5	5
	Stump Island	Four Horn Sculpin	12	12	9	9	12	0
	Point Brower	Humpback Whitefish	3	3	3	3	3	3
	Stump Island	Humpback Whitefish	13	13	13	13	12	2

	SITE_NAME	SPECIES	% water	As (µg/g)	Ba (µg/g)	Cd (µg/g)	Cr (µg/g)	Cu (µg/g)	
Means	Bullen Point	Arctic Cisco	72.88888889	3.472222222	2.132222222	0.023666667	0.232222222	21.2	
	Liberty	Arctic Cisco	74	3.56125	1.85875	0.032	0.365	25.18571429	
	Point Brower	Arctic Cisco	75.2	3.07	2.272	0.0444	0.278	15.38	
	Stump Island	Arctic Cisco	74.72727273	3.673636364	2.349090909	0.028909091	0.49	26.71111111	
	Liberty	Arctic Cod	77.875	13.13375	2.65875	0.14275	0.37	6.175	
	North Star	Arctic Cod	76.28571429	11.60285714	3.752857143	0.227	0.462857143	14.35714286	
	Point Brower	Broad Whitefish	67	0.761666667	3.691666667	0.033666667	0.68	3.996666667	
	Bullen Point	Four Horn Sculpin	75.6	3.056	7.011	0.123	0.805	14.0625	
	Liberty	Four Horn Sculpin	65.5	4.465	11.635	0.1245	1.615	18.9	
	Point Brower	Four Horn Sculpin	77	3.992	12.692	0.0535	1.088	18.38	
	Stump Island	Four Horn Sculpin	75.41666667	5.448333333	8.629166667	0.188916667	0.6075	15.70833333	
	Point Brower	Humpback Whitefish	71.33333333	2.156666667	4.81	0.018333333	0.563333333	3.666666667	
	Stump Island	Humpback Whitefish	74.07692308	2.353076923	5.697692308	0.037769231	0.606166667	32.96666667	
	Standard Deviations	Bullen Point	Arctic Cisco	1.96497102	0.58938056	0.515164483	0.010805091	0.070316744	27.25447975
		Liberty	Arctic Cisco	1.195228609	0.24121345	0.539508705	0.011563489	0.145405836	22.49188213
Point Brower		Arctic Cisco	1.923538406	0.675018518	0.575213004	0.019269146	0.077910205	12.86281462	
Stump Island		Arctic Cisco	3.977207792	0.531117176	0.573767454	0.011004131	0.229738982	13.19937919	
Liberty		Arctic Cod	1.356202682	3.840792097	1.279926756	0.078852031	0.103647755	1.944038506	
North Star		Arctic Cod	2.627691364	2.430649531	1.027451772	0.045284287	0.147615975	20.73843912	
Point Brower		Broad Whitefish	8.579044236	0.503563965	1.953094126	0.015641824	0.572538208	2.688357615	
Bullen Point		Four Horn Sculpin	2.633122354	0.561786832	3.295098886	0.074387872	0.505552503	7.349429035	
Liberty		Four Horn Sculpin	3.535533906	0.671751442	3.344615075	0.007778175	0.51618795	9.050966799	
Point Brower		Four Horn Sculpin	4.062019202	1.624306006	3.020483405	0.026108747	0.356819282	16.65523942	
Stump Island		Four Horn Sculpin	1.880924982	1.465920954	1.751811833	0.088149107	0.160970071	9.303514325	
Point Brower		Humpback Whitefish	0.577350269	0.662293993	3.167664755	0.006027714	0.30664855	0.513160144	
Stump Island		Humpback Whitefish	1.846687957	0.543574353	2.409007935	0.013608538	0.610916872	48.24214177	
Number of Samples		Bullen Point	Arctic Cisco		9	9	9	9	9
		Liberty	Arctic Cisco		8	8	8	8	8
	Point Brower	Arctic Cisco		5	5	5	5	5	
	Stump Island	Arctic Cisco		11	11	11	11	11	
	Liberty	Arctic Cod		8	8	8	8	8	
	North Star	Arctic Cod		7	7	7	7	7	
	Point Brower	Broad Whitefish		6	6	6	6	6	
	Bullen Point	Four Horn Sculpin		10	10	10	10	8	
	Liberty	Four Horn Sculpin		2	2	2	2	2	
	Point Brower	Four Horn Sculpin		5	5	4	5	5	
	Stump Island	Four Horn Sculpin		12	12	12	12	12	
	Point Brower	Humpback Whitefish		3	3	3	3	3	
	Stump Island	Humpback Whitefish		13	13	13	12	12	

	SITE_NAME	SPECIES	Fe (µg/g)	Hg (µg/g)	Ni (µg/g)	Pb (µg/g)	Se (µg/g)	V (µg/g)	
Means	Bullen Point	Arctic Cisco	93.64444444	0.056666667	1.144444444	0.213125	1.555555556	0.968888889	
	Liberty	Arctic Cisco	53.4875	0.059625	1.17875	0.675	1.8075	1.2625	
	Point Brower	Arctic Cisco	81.7688	0.1536	0.4762	0.5706	2.008	26.882	
	Stump Island	Arctic Cisco	90.61818182	0.086363636	1.474545455	0.528333333	1.71	1.213636364	
	Liberty	Arctic Cod	72.175	0.0375	0.58375	0.099625	3.435	1.2825	
	North Star	Arctic Cod	151.9428571	0.057714286	0.931428571	0.161428571	1.982857143	0.97	
	Point Brower	Broad Whitefish	226.0166667	0.0725	0.941666667	0.187333333	2.053333333	1.855	
	Bullen Point	Four Horn Sculpin	293.3	0.1331	0.826	0.4994	2.565	2.49	
	Liberty	Four Horn Sculpin	663	0.088	1.025	0.2645	2.465	3.29	
	Point Brower	Four Horn Sculpin	348.8	0.17	0.94	0.4224	2.634	2.738	
	Stump Island	Four Horn Sculpin	238.8083333	0.22175	1.108333333	0.269083333	2.385833333	2.654166667	
	Point Brower	Humpback Whitefish	168.6	0.092333333	1.096666667	0.081666667	1.926666667	1.47	
	Stump Island	Humpback Whitefish	166.8916667	0.198230769	2.462307692	0.524416667	2	2.096923077	
	Standard Deviations	Bullen Point	Arctic Cisco	33.91747747	0.009313968	0.851089171	0.225409746	0.317887996	0.242922027
		Liberty	Arctic Cisco	17.76846625	0.006545173	0.845144747	0.767121149	0.231254344	0.369546054
		Point Brower	Arctic Cisco	84.81927651	0.143815159	0.352373665	1.157107947	0.574560702	57.64557329
Stump Island		Arctic Cisco	45.51869546	0.01075428	0.914793568	0.500029749	0.289931026	0.381451772	
Liberty		Arctic Cod	26.61104765	0.013700886	0.209484913	0.025922618	0.506105579	0.489482234	
North Star		Arctic Cod	56.09714363	0.017230925	0.757835263	0.068168559	0.552530973	0.312836486	
Point Brower		Broad Whitefish	158.6897655	0.016670333	0.783847349	0.190164841	0.325985685	0.335663522	
Bullen Point		Four Horn Sculpin	271.8774438	0.024709198	0.574421448	0.420757307	0.306929235	0.474833304	
Liberty		Four Horn Sculpin	229.1025971	0.028284271	0.431335137	0.055861436	0.16263456	1.230365799	
Point Brower		Four Horn Sculpin	134.0790811	0.189296064	0.384621026	0.516538285	0.329742324	0.287262946	
Stump Island		Four Horn Sculpin	92.22534121	0.113754221	0.652754072	0.275065102	0.721582331	0.750544752	
Point Brower		Humpback Whitefish	125.2368955	0.008020806	0.571343446	0.046758243	0.444109596	0.612127438	
Stump Island		Humpback Whitefish	127.6515389	0.066092301	2.917510794	0.545709456	0.254558441	1.028983192	
Number of Samples		Bullen Point	Arctic Cisco	9	9	9	8	9	9
		Liberty	Arctic Cisco	8	8	8	8	8	8
		Point Brower	Arctic Cisco	5	5	5	5	5	5
	Stump Island	Arctic Cisco	11	11	11	9	11	11	
	Liberty	Arctic Cod	8	8	8	8	8	8	
	North Star	Arctic Cod	7	7	7	7	7	7	
	Point Brower	Broad Whitefish	6	6	6	6	6	6	
	Bullen Point	Four Horn Sculpin	10	10	10	10	10	10	
	Liberty	Four Horn Sculpin	2	2	2	2	2	2	
	Point Brower	Four Horn Sculpin	5	5	5	5	5	5	
	Stump Island	Four Horn Sculpin	12	12	12	12	12	12	
	Point Brower	Humpback Whitefish	3	3	3	3	3	3	
	Stump Island	Humpback Whitefish	12	13	13	12	13	13	

	SITE_NAME	SPECIES	Zn ($\mu\text{g/g}$)
Means	Bullen Point	Arctic Cisco	78.975
	Liberty	Arctic Cisco	94.3
	Point Brower	Arctic Cisco	105.42
	Stump Island	Arctic Cisco	101.9555556
	Liberty	Arctic Cod	91.4375
	North Star	Arctic Cod	93.51428571
	Point Brower	Broad Whitefish	78.51666667
	Bullen Point	Four Horn Sculpin	96.69
	Liberty	Four Horn Sculpin	106.75
	Point Brower	Four Horn Sculpin	106
	Stump Island	Four Horn Sculpin	106.325
	Point Brower	Humpback Whitefish	50.4
	Stump Island	Humpback Whitefish	78.36666667
Standard Deviations	Bullen Point	Arctic Cisco	6.267090918
	Liberty	Arctic Cisco	11.96793335
	Point Brower	Arctic Cisco	26.54396353
	Stump Island	Arctic Cisco	10.64519975
	Liberty	Arctic Cod	16.5071359
	North Star	Arctic Cod	17.293489
	Point Brower	Broad Whitefish	22.34138909
	Bullen Point	Four Horn Sculpin	14.96354459
	Liberty	Four Horn Sculpin	11.66726189
	Point Brower	Four Horn Sculpin	8.396427812
	Stump Island	Four Horn Sculpin	15.02707405
	Point Brower	Humpback Whitefish	13.81738036
	Stump Island	Humpback Whitefish	17.59671113
Number of Samples	Bullen Point	Arctic Cisco	8
	Liberty	Arctic Cisco	8
	Point Brower	Arctic Cisco	5
	Stump Island	Arctic Cisco	9
	Liberty	Arctic Cod	8
	North Star	Arctic Cod	7
	Point Brower	Broad Whitefish	6
	Bullen Point	Four Horn Sculpin	10
	Liberty	Four Horn Sculpin	2
	Point Brower	Four Horn Sculpin	5
	Stump Island	Four Horn Sculpin	12
	Point Brower	Humpback Whitefish	3
	Stump Island	Humpback Whitefish	12