



Pre-Permitting Environmental / Socio-Economic Data Report Series

Report Series F- Groundwater & Surface Water Quality

Report F-1 Lake Iliamna – Surface Water 2005-2007

Submitted to the Alaska Department of Natural Resources December 2008

Preliminary data. Do not cite or quote.

The Pebble Partnership is providing environmental and socio-economic baseline data collected to inform the development of the Pebble Project to state and federal agencies, project stakeholders and the general public prior to project permitting as part of its commitment to full and open disclosure.

A comprehensive Environmental Baseline Document (EBD) will subsequently be prepared and appended to future project permit applications. The EBD will also be made publicly available when complete.

Study conducted for the Pebble Limited Partnership by:



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**Iliamna Lake Study, Field Analysis Results Summary 2005-2007
December 2008**

Preliminary data. Do not cite or quote.

Site Name	Date Sampled (Month-Year)	Total Depth (Meters)	Turbidity ^{b,c} (NTU)	Temperature ^c (°C)	Specific Conductivity ^c (mS/cm)	Dissolved Oxygen ^c (mg/L)	pH ^c	ORP ^c (mV)
Knutson Bay	May - 2005	8	0.40 ^d	4.26	0.035	14.13	6.62	38.25
	June - 2005	15	0.25	7.9	0.038	13.22	6.79	25.4
	July - 2005	16	0.29	12.46	0.046	11.29	7.67	30
	August - 2005	19	0.31	14.36	0.032	9.32	6.97	244.2
	September - 2005	15	0.57	10.21	0.042	12.56	6.72	195.3
	October - 2005	19	0.29	8.86	1.416	10.45	NR	-163.5
	May - 2007	17.5	0	3.82	0.041	13.31	6.45	256
	June - 2007	15	0.42	5.5	0.034	13.39	6.68	148.45
	July - 2007	13	0.26	12.5	0.042	8.19	7.18	116.55
	August - 2007	20	0.32	10.87	0.043	7.56	6.95	232.3
	September - 2007	16	0.36	9.41	0.043	9.73	7.06	149.1
	October - 2007	10	0.24	8.14	0.044	7.59	7.12	73.75
Northeast Bay	May - 2005	11	0.35 ^e	7.48	0.044	13.63	6.82	41.2
	June - 2005	11	0.25	7.97	0.043	13.83	6.83	9.6
	July - 2005	11	0.32	13.44	0.043	8.75	6.75	228.1
	August - 2005	12	0.66	14.32	0.038	10.21	7.36	210.3
	September - 2005	12	0.85 ^d	10.32	0.045	12.23	6.93	142.7
	October - 2005	12	0.61	8.3	0.045	10.16	NR	247.1
	May - 2007	11	1	6.01	0.047	11.27	6.58	272.35
	June - 2007	12	0.37	7.36	0.045	13.2	7.28	145.8
	July - 2007	11	0.32	12.29	0.048	11.09	7.12	157
	August - 2007	11	0.43	12.16	0.047	7.31	6.75	230.35
	September - 2007	11	1.02	10.81	0.05	9.32	7	126.35
	October - 2007	13	0.58	7.61	0.048	7.73	6.89	72.7
Pile Bay	May - 2005	16	0.34	4.1	0.04	13.99	6.32	69.75
	June - 2005	17	0.72	4.98	0.037	13.49	6.49	-44.75
	July - 2005	20	0.54	10.51	0.043	11.9	5.3	195.5
	August - 2005	20	0.39	13.84	0.034	9.57	7.29	228.15
	September - 2005	19	0.76	10.06	0.042	12.56	7.11	220.8
	October - 2005	14	0.49	8.81	NR	10.31	NR	-109.85
	May - 2007	20	1	4.15	0.043	13.3	5.86	134.4
	June - 2007	20	0.31	4.39	0.042	13.23	6.69	269.3
	July - 2007	17	0.45	11.62	0.043	8.31	7.07	113.4
	August - 2007	17	0.58	5.3	0.045	8.53	6.41	252.8
	September - 2007	20	0.36	9.93	0.045	8.85	6.87	64.1
	October - 2007	20	0.42	8.78	0.044	7.39	6.91	85.25
Roadhouse Bay	May - 2005	10	0.31	8.15	0.043	13.53	6.9	123.2
	June - 2005	12	0.32	10.6	0.043	12.53	7.1	12.8
	July - 2005	10	0.3	12.32	0.043	8.99	6.77	201.5
	August - 2005	10	0.61	14.88	0.037	9.71	7.36	214.5
	September - 2005	13	0.74	10.17	0.088	12.15	7.06	159.4
	October - 2005	12	0.56	7.42	0.046	10.48	NR	191.2
	May - 2007	11	1	5.31	0.047	11.31	6.67	272.8
	June - 2007	11	0.38	6.54	0.046	13.48	7.25	173.25
	July - 2007	10	0.36	10.74	0.047	11.87	6.49	20.7
	August - 2007	10	0.39	12.3	0.047	7.24	6.68	237.1
	September - 2007	11	0.91	10.76	0.05	9.21	7	160.45
	October - 2007	11	0.65	6.78	0.046	7.97	6.8	79.2
Upper Talarik	May - 2005	13	0.35	6.96	0.044	13.72	6.96	115.6
	June - 2005	14	0.76	7.3	0.044	13.5	7.04	16.5
	July - 2005	13	0.31	10.81	0.038	8.88	6.78	170.7
	August - 2005	14	0.35	13.42	0.034	9.94	7.11	260.75
	September - 2005**	NR	NR	NR	NR	NR	NR	NR
	October - 2005	15	0.5	8.12	0.045	10.35	NR	203.2
	May - 2007	14	0	4.01	0.046	11.72	6.47	319
	June - 2007	11	0.4	6.47	0.048	7.38	7.07	224.95
	July - 2007 *	9	0.26	NR	NR	NR	NR	NR
	August - 2007	13	1.44	12.35	0.048	7.22	6.08	43.15
	September - 2007	11	NR	10.64	0.046	8.86	6.6	71.95
	October - 2007	14	0.46	8.33	0.047	7.62	6.91	83.5
Finn Bay	September - 2006	1	0.6	13.52	0.037	9.55	7.57	41.4
Flat Island	September - 2006	1	1.07	13.22	0.041	10.62	8.03	47.3
Whistlewing Bay	September - 2006	1		13.88	0.042	10.2	7.63	63.1
Bucket Lake	September - 2006	1	1.3	12.61	0.036	8.49	7.61	110.3

Notes:

b. Only three turbidity readings were taken at each site at the same depths from which samples were collected.

c. Each value represents the median of values for all depths.

d. Median of only two readings.

e. Only one reading.

* Water quality samples were taken, but field parameters not taken due to weather conditions; **Field parameters taken, but water quality samples not taken
NR = no measurements taken; mV = millivolts; NTU = nephelometric turbidity unit(s)

2004-2007 Iliamna Lake Study Water Laboratory Results Summary

December 2008

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BL1A (Bucket Lake)																				
	09/12/06	12.1	36.0	17.5	1.90	1.57	13.0	1.93	0.0155	1.93	0.0107	0.0400	1.14	0.0630	2.42	0.0020	0.0020	0.46		0.0390
	06/13/07	9.03		35.0	1.00	1.57	14.5	0.0155			0.0191		1.36	0.0720	0.914	0.00075	0.00075	0.155		0.0155
	Mean	10.565	36	26.25	1.45	1.57	13.75	0.97275	0.0155	1.93	0.0149	0.04	1.25	0.0675	1.667	0.0014	0.0014	0.3075	NA	0.0273
	Median	10.565	36	26.25	1.45	1.57	13.75	0.97275	0.0155	1.93	0.0149	0.04	1.25	0.0675	1.667	0.0014	0.0014	0.3075	NA	0.0273
	St. Deviation	2.17	NA	12.37	0.64	0.00	1.06	1.35	NA	NA	0.0059	NA	0.16	0.0064	1.06	0.0009	0.0009	0.22	NA	0.0166
	# of values	2	1	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	0	2
	Minimum	9.03	36	17.5	1	1.57	13	0.0155	0.0155	1.93	0.0107	0.04	1.14	0.0630	0.914	0.0008	0.0008	0.155	NA	0.0155
	Maximum	12.1	36	35	1.9	1.57	14.5	1.93	0.0155	1.93	0.0191	0.04	1.36	0.0720	2.42	0.0020	0.0020	0.46	NA	0.0390
	% of values undetected					100%		50%	50%							50%	50%	50%		50%
	# of values between MDL and PQL											1		2		1	1	1		1
FL1A (Flat Island)																				
	09/11/06	17.4	39.0	31.2	1.60	1.57	14.0	0.0480	0.0155	0.0445	0.0050	0.0155	1.05	0.0600	4.74	0.00075	0.00075	0.155		0.0530
	Mean	17.4	39.0	31.2	1.60	1.57	14.0	0.048	0.0155	0.0445	0.005	0.0155	1.05	0.0600	4.74	0.00075	0.00075	0.155	NA	0.0530
	Median	17.4	39.0	31.2	1.60	1.57	14.0	0.048	0.0155	0.0445	0.005	0.0155	1.05	0.0600	4.74	0.00075	0.00075	0.155	NA	0.0530
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
	Minimum	17.4	39.0	31.2	1.60	1.57	14.0	0.048	0.0155	0.0445	0.005	0.0155	1.05	0.0600	4.74	0.00075	0.00075	0.155	NA	0.0530
	Maximum	17.4	39.0	31.2	1.60	1.57	14.0	0.048	0.0155	0.0445	0.005	0.0155	1.05	0.0600	4.74	0.00075	0.00075	0.155	NA	0.0530
	% of values undetected					100%			100%			100%				100%	100%	100%		
	# of values between MDL and PQL							1		1	1			1						1
FN1A (Finn Bay)																				
	09/11/06	16.1	35.0	31.2	1.70	1.57	11.0	0.0440	0.0155	0.0390	0.0050	0.0155	1.23	0.0420	3.10	0.00075	0.00075	0.155		0.0155
	Mean	16.1	35.0	31.2	1.70	1.57	11.0	0.0440	0.0155	0.0390	0.0050	0.0155	1.23	0.0420	3.1	0.00075	0.00075	0.155	NA	0.0155
	Median	16.1	35.0	31.2	1.70	1.57	11.0	0.0440	0.0155	0.0390	0.0050	0.0155	1.23	0.0420	3.1	0.00075	0.00075	0.155	NA	0.0155
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
	Minimum	16.1	35.0	31.2	1.70	1.57	11.0	0.0440	0.0155	0.0390	0.0050	0.0155	1.23	0.0420	3.1	0.00075	0.00075	0.155	NA	0.0155
	Maximum	16.1	35.0	31.2	1.70	1.57	11.0	0.0440	0.0155	0.0390	0.0050	0.0155	1.23	0.0420	3.1	0.00075	0.00075	0.155	NA	0.0155
	% of values undetected					100%			100%			100%				100%	100%	100%		100%
	# of values between MDL and PQL							1		1	1			1						

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Sample Location ID	Sample Date	Aluminum		Antimony		Arsenic		Barium		Beryllium		Bismuth		Boron		Cadmium		Calcium		Chromium		Cobalt	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
BL1A (Bucket Lake)																							
	09/12/06	102	114	0.0282	0.0676	0.523	0.564	1.73	1.51	0.0125	0.0125	0.0075	0.0174	3.26	3.04	0.0185	0.0185	3510	3780	0.050	0.050	0.0662	
	06/13/07	94.9	79.9	0.0224	0.0294	0.444	0.525	0.713		0.0125	0.0125	0.0075	0.0075	2.79	2.86	0.0075	0.0075	2630	2810	0.050	0.050	0.0252	0.0244
	Mean	98.45	96.95	0.0253	0.0485	0.4835	0.5445	1.2215	1.51	0.0125	0.0125	0.0075	0.01245	3.025	2.95	0.013	0.013	3070	3295	0.050	0.050	0.0457	0.0244
	Median	98.45	96.95	0.0253	0.0485	0.4835	0.5445	1.2215	1.51	0.0125	0.0125	0.0075	0.01245	3.025	2.95	0.013	0.013	3070	3295	0.050	0.050	0.0457	0.0244
	St. Deviation	5.0	24	0.0041	0.0270	0.0559	0.0276	0.7191	NA	0.0000	0.0000	0.0000	0.0070	0.33	0.13	0.0078	0.0078	622	686	0.000	0.000	0.0290	NA
	# of values	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1
	Minimum	94.9	79.9	0.0224	0.0294	0.444	0.525	0.713	1.51	0.0125	0.0125	0.0075	0.0075	2.79	2.86	0.0075	0.0075	2630	2810	0.050	0.050	0.0252	NA
	Maximum	102	114	0.0282	0.0676	0.523	0.564	1.73	1.51	0.0125	0.0125	0.0075	0.0174	3.26	3.04	0.0185	0.0185	3510	3780	0.050	0.050	0.0662	NA
	% of values undetected									100%	100%	100%	50%			100%	100%			100%	100%		
	# of values between MDL and PQL			2	1	1							1	2	2								
FL1A (Flat Island)																							
	09/11/06	11.6	5.84	0.0212	0.0194	0.155	0.155	5.80	5.38	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5620	5760	0.496	0.524	0.0238	0.0230
	Mean	11.6	5.84	0.0212	0.0194	0.155	0.155	5.80	5.38	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5620	5760	0.496	0.524	0.0238	0.023
	Median	11.6	5.84	0.0212	0.0194	0.155	0.155	5.80	5.38	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5620	5760	0.496	0.524	0.0238	0.023
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	11.6	5.84	0.0212	0.0194	0.155	0.155	5.80	5.38	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5620	5760	0.496	0.524	0.0238	0.023
	Maximum	11.6	5.84	0.0212	0.0194	0.155	0.155	5.80	5.38	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5620	5760	0.496	0.524	0.0238	0.023
	% of values undetected					100%	100%			100%	100%	100%	100%	100%	100%	100%	100%						
	# of values between MDL and PQL			1	1																		
FN1A (Finn Bay)																							
	09/11/06	30.1	8.89	0.0168	0.0075	0.155	0.155	9.28	7.64	0.0125	0.0125	0.0075	0.0075	2.93	1.25	0.0185	0.0185	5100	4530	0.672	0.305	0.0334	0.0214
	Mean	30.1	8.89	0.0168	0.0075	0.155	0.155	9.28	7.64	0.0125	0.0125	0.0075	0.0075	2.93	1.25	0.0185	0.0185	5100	4530	0.672	0.305	0.0334	0.0214
	Median	30.1	8.89	0.0168	0.0075	0.155	0.155	9.28	7.64	0.0125	0.0125	0.0075	0.0075	2.93	1.25	0.0185	0.0185	5100	4530	0.672	0.305	0.0334	0.0214
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	30.1	8.89	0.0168	0.0075	0.155	0.155	9.28	7.64	0.0125	0.0125	0.0075	0.0075	2.93	1.25	0.0185	0.0185	5100	4530	0.672	0.305	0.0334	0.0214
	Maximum	30.1	8.89	0.0168	0.0075	0.155	0.155	9.28	7.64	0.0125	0.0125	0.0075	0.0075	2.93	1.25	0.0185	0.0185	5100	4530	0.672	0.305	0.0334	0.0214
	% of values undetected					100%	100%	100%		100%	100%	100%	100%		100%	100%	100%						
	# of values between MDL and PQL			1										1									

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Sample Location ID	Sample Date	Copper		Iron		Lead		Magnesium		Manganese		Mercury	Molybdenum		Nickel		Potassium		Selenium		Silicon	Silver		
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Dissolved	Total	Dissolved	
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
BL1A (Bucket Lake)																								
	09/12/06	0.524		463	249	0.0155		801	816	10.0	3.34	0.000475	0.0888	0.116	0.249			240	221	0.155	0.155	2390	0.0348	0.0138
	06/13/07	0.583	0.483	204	169	0.277	0.146	596	658	3.32	2.19	0.00109	0.108	0.118	0.136	0.201		251	276	0.155	0.155	276	0.0031	0.0031
	Mean	0.554	0.483	333.5	209	0.1463	0.146	698.5	737	6.66	2.765	0.00078	0.098	0.117	0.193	0.201		245.5	248.5	0.155	0.155	1333	0.01895	0.00845
	Median	0.554	0.483	333.5	209	0.1463	0.146	698.5	737	6.66	2.765	0.00078	0.098	0.117	0.193	0.201		245.5	248.5	0.155	0.155	1333	0.01895	0.00845
	St. Deviation	0.042	NA	183	57	0.185	NA	145	112	4.72	0.81	0.00044	0.014	0.001	0.080	NA		8	39	0.000	0.00	1494.82	0.02	0.01
	# of values	2	1	2	2	2	1	2	2	2	2	2	2	2	2	1		2	2	2	2	2	2	2
	Minimum	0.524	NA	204	169	0.0155	NA	596	658	3.32	2.19	0.0004745	0.0888	0.116	0.136	NA		240	221	0.155	0.155	276	0.0031	0.0031
	Maximum	0.583	NA	463	249	0.2770	NA	801	816	10	3.34	0.00109	0.108	0.118	0.249	NA		251	276	0.155	0.155	2390	0.0348	0.0138
	% of values undetected					50%						50%						50%	100%	100%	50%	50%	50%	50%
	# of values between MDL and PQL											1			1									1
FL1A (Flat Island)																								
	09/11/06	0.575	0.658	42.3	29.4	0.260		815	839	5.09	0.880	0.000475	0.732	0.770	0.167			538	568	0.155	0.155	831	0.0031	0.0031
	Mean	0.575	0.658	42.3	29.4	0.26	NA	815	839	5.09	0.88	0.0004745	0.732	0.770	0.167	NA		538	568	0.155	0.155	831	0.0031	0.0031
	Median	0.575	0.658	42.3	29.4	0.26	NA	815	839	5.09	0.88	0.0004745	0.732	0.770	0.167	NA		538	568	0.155	0.155	831	0.0031	0.0031
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0		1	1	1	1	1	1	1
	Minimum	0.575	0.658	42.3	29.4	0.26	NA	815	839	5.09	0.88	0.0004745	0.732	0.770	0.167	NA		538	568	0.155	0.155	831	0.0031	0.0031
	Maximum	0.575	0.658	42.3	29.4	0.26	NA	815	839	5.09	0.88	0.0004745	0.732	0.770	0.167	NA		538	568	0.155	0.155	831	0.0031	0.0031
	% of values undetected											100%								100%	100%		100%	100%
	# of values between MDL and PQL														1									
FN1A (Finn Bay)																								
	09/11/06	0.604	0.563	110	39.4	0.228		813	696	9.47	2.28	0.000475	0.559	0.480	0.177			655	427	0.155	0.155	11200	0.0112	0.0031
	Mean	0.604	0.563	110	39.4	0.228	NA	813	696	9.47	2.28	0.0004745	0.559	0.480	0.177	NA		655	427	0.155	0.155	11200	0.0112	0.0031
	Median	0.604	0.563	110	39.4	0.228	NA	813	696	9.47	2.28	0.0004745	0.559	0.480	0.177	NA		655	427	0.155	0.155	11200	0.0112	0.0031
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0		1	1	1	1	1	1	1
	Minimum	0.604	0.563	110	39.4	0.228	NA	813	696	9.47	2.28	0.0004745	0.559	0.480	0.177	NA		655	427	0.155	0.155	11200	0.0112	0.0031
	Maximum	0.604	0.563	110	39.4	0.228	NA	813	696	9.47	2.28	0.0004745	0.559	0.480	0.177	NA		655	427	0.155	0.155	11200	0.0112	0.0031
	% of values undetected											100%								100%	100%			100%
	# of values between MDL and PQL														1									1

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
BL1A (Bucket Lake)											
	09/12/06	3830		0.0050	0.0050	0.050	0.050	0.250	0.250	3.09	
	06/13/07	4100	4120	0.0050	0.0050	0.050	0.050	0.376	0.348	1.97	2.30
	Mean	3965	4120	0.0050	0.0050	0.050	0.050	0.313	0.299	2.53	2.3
	Median	3965	4120	0.0050	0.0050	0.050	0.050	0.313	0.299	2.53	2.3
	St. Deviation	190.92	NA	0.00	0.00	0.00	0.00	0.09	0.07	0.79	NA
	# of values	2	1	2	2	2	2	2	2	2	1
	Minimum	3830	NA	0.0050	0.0050	0.050	0.050	0.250	0.250	1.97	NA
	Maximum	4100	NA	0.0050	0.0050	0.050	0.050	0.376	0.348	3.09	NA
	% of values undetected			100%	100%	100%	100%	50%	50%		
	# of values between MDL and PQL							1	1		
FL1A (Flat Island)											
	09/11/06	1860	2120	0.0050	0.0050	0.050	0.050	0.250	0.250	1.68	2.32
	Mean	1860	2120	0.0050	0.0050	0.050	0.050	0.250	0.250	1.68	2.32
	Median	1860	2120	0.0050	0.0050	0.050	0.050	0.250	0.250	1.68	2.32
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1
	Minimum	1860	2120	0.0050	0.0050	0.050	0.050	0.250	0.250	1.68	2.32
	Maximum	1860	2120	0.0050	0.0050	0.050	0.050	0.250	0.250	1.68	2.32
	% of values undetected			100%	100%	100%	100%	100%	100%		
	# of values between MDL and PQL										
FN1A (Finn Bay)											
	09/11/06	1990	1700	0.0050	0.0050	0.050	0.050	0.250	0.250	3.33	1.91
	Mean	1990	1700	0.0050	0.0050	0.050	0.050	0.250	0.250	3.33	1.91
	Median	1990	1700	0.0050	0.0050	0.050	0.050	0.250	0.250	3.33	1.91
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1
	Minimum	1990	1700	0.0050	0.0050	0.050	0.050	0.250	0.250	3.33	1.91
	Maximum	1990	1700	0.0050	0.0050	0.050	0.050	0.250	0.250	3.33	1.91
	% of values undetected			100%	100%	100%	100%	100%	100%		
	# of values between MDL and PQL										

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KN1A (Knutson Bay-Surface)																				
	05/25/05	13.9	33.0	20.0	0.400	2.5	10.5	0.120			0.0011		0.971	0.042	3.32	0.00125	0.00125	0.099		0.0155
	06/14/05	14.6	38.5	20.0	0.075	0.785	12.5	0.097			0.004		1.04	0.042	3.66	0.00125	0.00125	0.16		0.0155
	07/23/05	16.2	42.0	31.3	0.150	0.785	13.0	0.079			0.048		1.07	0.043	3.94	0.00125	0.00125	0.54		0.0320
	08/13/05	15.8	40.5	17.5	0.075	0.785	14.5	0.033			0.010		1.05	0.04	3.79	0.00125	0.00125	0.24		0.0155
	09/29/05	18.3	39.5	29.0	0.200	0.785	14.5	0.074			0.00165		1.03	0.05	3.87	0.00125	0.00125	0.24		0.0366
	10/14/05	16.8	42.0	35.0	0.075	0.785	15.0	0.0925			0.0057		1.02	0.068	4.07	0.00125	0.00125	0.21		0.0500
	05/29/07	13.1	34.5	21.3	0.075	0.785	10.3	0.183			0.0165		0.997	0.0660	3.23	0.00075	0.00075	0.155		0.0155
	06/11/07	15.8	35.0	28.8	0.50	0.785	11.0	0.170			0.0134		0.957	0.0880	3.52	0.00075	0.00075	0.155	0.652	0.0155
	07/19/07	18.0	40.5	20.0	0.400	0.785	14.4	0.050			0.0050		1.01	0.0530	3.51	0.00075	0.00075	0.155		0.0155
	08/20/07	16.8	43.5	28.8	0.408	0.785	14.4	0.107			0.0053		0.873	0.0350	3.48	0.00075	0.00075	0.155		0.0443
	09/22/07	18.4	43.0	33.8	0.150	0.785	14.8	0.101			0.00155		0.873	0.0400	3.66	0.00075	0.00075	0.155	0.453	0.0155
	10/09/07	18.2	43.5	23.8	0.0775	0.785	14.3	0.129			0.00155		0.890	0.0330	3.57	0.00075	0.00075	0.68		0.0155
	Mean	16.3	39.6	25.8	0.22	0.93	13.3	0.1	NA	NA	0.009	NA	0.98	0.050	3.64	0.0010	0.0010	0.25	0.553	0.0239
	Median	16.5	40.5	26.3	0.15	0.79	14.4	0.1	NA	NA	0.005	NA	1.00	0.043	3.62	0.0010	0.0010	0.158	0.553	0.0155
	St. Deviation	1.8	3.7	6	0.16	0.5	1.8	0.04	NA	NA	0.013	NA	0.070	0.016	0.25	0.0003	0.0003	0.18	0.141	0.0131
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	13.1	33.0	17.5	0.075	0.785	10.3	0.033	NA	NA	0.0011	NA	0.873	0.033	3.23	0.00075	0.00075	0.099	0.453	0.0155
	Maximum	18.4	43.5	35	0.50	2.5	15	0.183	NA	NA	0.048	NA	1.07	0.088	4.07	0.0013	0.0013	0.68	0.652	0.0500
	% of values undetected				67%	92%		8%			50%					100%	100%	42%		75%
	# of values between MDL and PQL				4	1	1	5			3			12				7	1	3
KN1B (Knutson Bay-Middle Depth)																				
	05/25/05	12.6	35.0	24.0	0.300	2	13.0	0.170			0.0011		0.975	0.039	3.36	0.00125	0.00125	0.11		0.0155
	06/14/05	15.0	39.0	15.0	0.15	0.785	13.0	0.0915			0.0035		1.06	0.04	3.79	0.00125	0.00125	0.12		0.0155
	07/23/05	16.3	42.5	31.3	0.313	0.785	14.5	0.093			0.0515		1.06	0.041	3.86	0.00125	0.00125	0.27		0.0437
	08/13/05	14.5	38.0	17.5	0.075	0.785	13.0	0.0155			0.010		0.958	0.043	3.71	0.00125	0.00125	0.24		0.043
	09/29/05	16.4	40.0	31.3	0.200	0.785	14.0	0.069			0.00165		1.03	0.042	3.93	0.00125	0.00125	0.22		0.0155
	10/14/05	16.7	42.0	18.8	0.076	0.785	16.0	0.118			0.0071		1.02	0.066	4.07	0.00125	0.00125	0.18		0.132
	05/29/07	15.1	37.0	30.0	0.075	1.57	12.5	0.158			0.0102		1.03	0.0660	3.46	0.00075	0.00075	0.155		0.0155
	06/11/07	15.1	34.0	31.3	0.088	1.57	10.0	0.215			0.0131		0.967	0.0870	3.55	0.00075	0.00075	0.155	0.662	0.0155
	07/19/07	17.2	39.5	18.8	0.211	1.57	13.9	0.199			0.0050		0.996	0.0530	3.50	0.00075	0.00075	0.155		0.0155
	08/20/07	14.8	41.0	22.5	0.300	1.57	13.2	0.106			0.0035		0.823	0.0360	3.44	0.00075	0.00075	0.155		0.0155
	09/22/07	18.9	43.0	32.5	0.079	1.57	14.9	0.111			0.00155		0.872	0.0400	3.65	0.00075	0.00075	0.155	0.398	0.0155
	10/09/07	17.9	43.0	13.8	0.079	1.57	14.8	0.124			0.00155		0.889	0.0430	3.55	0.00075	0.00075	0.155		0.0155
	Mean	15.9	40	23.9	0.16	1.28	14.0	0.123	NA	NA	0.0090	NA	0.97	0.05	3.66	0.001	0.001	0.17	0.530	0.030
	Median	15.7	40	23.3	0.12	1.57	14.0	0.115	NA	NA	0.0040	NA	0.99	0.043	3.6	0.001	0.001	0.16	0.530	0.016
	St. Deviation	1.7	3	7.1	0.1	0.45	2	0.056	NA	NA	0.014	NA	0.08	0.016	0.22	0.0003	0.0003	0.05	0.187	0.034
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	12.6	34	13.8	0.075	0.785	10.0	0.0155	NA	NA	0.0011	NA	0.823	0.036	3.36	0.00075	0.00075	0.11	0.398	0.0155
	Maximum	18.9	43	32.5	0.313	2	16.0	0.215	NA	NA	0.0515	NA	1.06	0.087	4.07	0.00125	0.00125	0.27	0.662	0.132
	% of values undetected				58%	92%		8%			50%					100%	100%	50%		75%
	# of values between MDL and PQL				5	1	1	3			3			12				6	1	2

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
KN1A (Knutson Bay-Surface)											
	05/25/05	1440	1350	0.0031	0.0031	0.031	0.031	0.10	0.10	1.21	0.633
	06/14/05	1620	1530	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	
	07/23/05	1530	1660	0.0031	0.0031	0.031	0.031	0.10	0.10	13.7	14.6
	08/13/05	1400	1400	0.0031	0.0031	0.031	0.031	0.10	0.20	0.75	1.5
	09/29/05	1770	1800	0.0031	0.0031	0.031	0.031	0.10	0.10	1.93	1.37
	10/14/05	1600	1710	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	05/29/07	1420	1520	0.0050	0.0050	0.050	0.050	0.155	0.155	5.56	
	06/11/07	1670	1470	0.0050	0.0050	0.050	0.050	0.155	0.155	6.82	5.14
	07/19/07	1720	1720	0.0050	0.0050	0.050	0.050	0.155	0.155	2.61	1.20
	08/20/07	1560	1610	0.0050	0.0050	0.050	0.050	0.155	0.155	1.17	0.50
	09/22/07	1690	1630	0.0050	0.0050	0.050	0.050	0.155	0.155	1.41	2.18
	10/09/07	1670	1570	0.0050	0.0050	0.050	0.050	0.155	0.155	1.20	0.50
	Mean	1590	1580	0.0040	0.0040	0.040	0.040	0.13	0.14	3.2	3.0
	Median	1610	1590	0.0040	0.0040	0.040	0.040	0.13	0.16	1.3	1.0
	St. Deviation	120	130	0.001	0.001	0.01	0.01	0.03	0.03	3.9	4
	# of values	12	12	12	12	12	12	12	12	12	10
	Minimum	1400	1350	0.0031	0.0031	0.031	0.031	0.1	0.10	0.75	0.50
	Maximum	1770	1800	0.0050	0.0050	0.050	0.050	0.155	0.20	13.7	14.6
	% of values undetected			100%	100%	100%	100%	100%	100%	25%	30%
	# of values between MDL and PQL									1	2
KN1B (Knutson Bay-Middle Depth)											
	05/25/05	1480	1500	0.0031	0.0031	0.031	0.031	0.20	0.10	0.2325	0.602
	06/14/05	1670	1670	0.0031	0.0031	0.031	0.031	0.10	0.10	2.13	
	07/23/05	1600	1570	0.0031	0.0031	0.031	0.031	0.10	0.201	11.8	13.5
	08/13/05	1360	1380	0.0031	0.0031	0.031	0.031	0.10	0.20	0.75	0.75
	09/29/05	1440	1760	0.0031	0.0031	0.031	0.031	0.10	0.10	1.34	
	10/14/05	1600	1720	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.75
	05/29/07	1510	1620	0.0050	0.0050	0.050	0.050	0.155	0.155	5.43	2.84
	06/11/07	1560	1490	0.0050	0.0050	0.050	0.050	0.155	0.155	2.57	1.86
	07/19/07	1670	1730	0.0050	0.0050	0.050	0.050	0.155	0.155	1.49	0.50
	08/20/07	1410	1390	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	09/22/07	1730	1640	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.21
	10/09/07	1640	1680	0.0050	0.0050	0.050	0.050	0.155	0.155	1.31	0.50
	Mean	1560	1600	0.004	0.004	0.040	0.040	0.14	0.144	2.4	2.3
	Median	1580	1630	0.004	0.004	0.040	0.040	0.16	0.155	1.3	0.8
	St. Deviation	120	130	0.001	0.001	0.01	0.01	0.03	0.037	3.3	4.01
	# of values	12	12	12	12	12	12	12	12	12	10
	Minimum	1360	1380	0.0031	0.0031	0.031	0.031	0.10	0.1	0.2325	0.50
	Maximum	1730	1760	0.005	0.005	0.050	0.050	0.20	0.201	11.8	13.5
	% of values undetected			100%	100%	100%	100%	100%	92%	42%	50%
	# of values between MDL and PQL									1	1

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KN1C (Knutson Bay-Bottom)																				
	05/25/05	12.4	35.5	23.0	0.50	1.88	11.0	0.15			0.0011		1.00	0.039	3.42	0.00125	0.00125	0.120		0.0155
	06/14/05	14.9	37.5	17.5	0.075	0.785	14.0	0.0795			0.00155		1.06	0.039	3.80	0.00125	0.00125	0.0295		0.0155
	07/23/05	15.5	40.5	27.5	0.50	0.785	14.5	0.0965			0.051		1.05	0.042	3.91	0.00125	0.00125	0.170		0.032
	08/13/05	16.2	41.0	23.8	0.075	0.785	14.5	0.0155			0.010		1.04	0.037	3.77	0.00125	0.00125	0.280		0.0155
	09/29/05	16.3	41.0	35.0	0.20	1.63	14.0	0.063			0.00165		1.04	0.039	3.94	0.00125	0.00125	0.160		0.0399
	10/14/05	17.4	41.0	25.0	0.15	0.785	14.0	0.121			0.0057		1.02	0.063	4.05	0.00125	0.00125	0.170		0.106
	05/29/07	15.8	40.0	30.0	0.152	1.57	14.0	0.158			0.0050		1.07	0.0600	3.63	0.0023	0.00075	0.155		0.0155
	06/11/07	15.3	35.0	28.8	0.253	1.57	12.0	0.218			0.0116		0.991	0.0850	3.64	0.00075	0.00075	0.155	0.599	0.0155
	07/19/07	18.1	38.0	18.8	8.56	1.57	12.9	0.050			0.0243		0.970	0.0550	3.46	0.00075	0.00075	0.155		0.0155
	08/20/07	15.3	42.0	21.3	0.408	1.57	13.3	0.104			0.0041		0.839	0.0350	3.41	0.00075	0.00075	0.155		0.0457
	09/22/07	17.5	42.0	31.3	0.078	1.57	15.0	0.186			0.00155		0.880	0.0400	3.66	0.00075	0.00075	0.155	0.333	0.0155
	10/09/07	17.5	43.5	23.8	0.842	1.57	14.9	0.119			0.00155		0.885	0.0430	3.54	0.00075	0.00075	0.155		0.0155
	Mean	16.0	40.0	25.5	1.0	1.34	14.0	0.113	NA	NA	0.01	NA	0.99	0.048	3.69	0.0011	0.00	0.155	0.466	0.029
	Median	16.0	41.0	24.4	0.20	1.57	14.0	0.112	NA	NA	0.005	NA	1.01	0.041	3.65	0.0013	0.00	0.155	0.466	0.016
	St. Deviation	1.6	3	5.2	2.4	0.42	1	0.058	NA	NA	0.015	NA	0.08	0.015	0.21	0.0004	0.0003	0.055	0.188	0.027
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	12.4	35.0	17.5	0.075	0.785	11.0	0.0155	NA	NA	0.0011	NA	0.839	0.035	3.41	0.00075	0.00075	0.0295	0.333	0.0155
	Maximum	18.1	43.5	35.0	8.56	1.88	15	0.218	NA	NA	0.051	NA	1.07	0.085	4.05	0.0023	0.00125	0.280	0.599	0.106
	% of values undetected				50%	83%		17%			58%					92%	100%	58%		67%
	# of values between MDL and PQL				2	2	1	3			2			12		1		5	1	3
NE1A (Northeast Bay-Surface)																				
	05/24/05	17.3	42.5	25.0	0.50	1.88	15.0	0.090			0.0011		1.07	0.036	3.87	0.00125	0.00125	0.13		0.0155
	06/16/05	16.1	45.0	13.8	0.50	0.785	15.0	0.077			0.00155		1.12	0.037	3.98	0.00125	0.0029	0.16		0.0155
	07/31/05	19.5	42.5	23.8	0.51	0.785	16.5	0.0575			0.064		1.04	0.038	3.84	0.00125	0.00125	0.29		0.0155
	08/12/05	18.1	45.0	32.5	0.30	1.88	15.5	0.0155			0.010		1.00	0.039	4.14	0.0025	0.00125	0.31		0.0155
	09/28/05	18.9	47.0	31.3	0.50	1.63	15.0	0.0775			0.00165		1.04	0.04	4.20	0.00125	0.00125	0.19		0.050
	10/12/05	18.4	46.0	26.3	0.50	0.785	16.0	0.127			0.0057		0.993	0.071	4.44	0.00125	0.00125	0.19		0.133
	05/30/07	17.9	43.5	71.3	0.0775	1.57	15.0	0.0875			0.0050		0.988	0.0580	3.85	0.00075	0.00075	0.155		0.0155
	06/12/07	18.8	44.0	32.5	0.281	1.57	15.0	0.168			0.0128		1.07	0.0830	4.35	0.00075	0.00075	0.155	0.960	0.050
	07/18/07	21.2	47.0	26.3	0.333	1.57	16.3	0.050			0.0050		0.989	0.0520	3.95	0.00075	0.00075	0.155		0.0155
	08/20/07	16.6	45.5	17.5	0.316	1.57	15.3	0.0940			0.00155		0.866	0.0350	3.64	0.00075	0.00075	0.155		0.0155
	09/21/07	21.6	50.0	33.8	0.562	1.57	17.7	0.141			0.00155		0.653	0.0450	4.47	0.00075	0.00075	0.155	0.576	0.0155
	10/09/07	21.2	48.0	48.8	0.150	1.57	16.1	0.105			0.00155		0.791	0.0420	3.91	0.00075	0.00075	0.155		0.0155
	Mean	18.8	46.0	31.9	0.38	1.43	16.0	0.091	NA	NA	0.0090	NA	0.97	0.048	4.05	0.0011	0.0011	0.18	0.768	0.031
	Median	18.6	45.0	28.8	0.42	1.57	15.0	0.089	NA	NA	0.0030	NA	1.00	0.041	3.97	0.0010	0.0010	0.16	0.768	0.016
	St. Deviation	1.8	2	15.2	0.16	0.41	1	0.041	NA	NA	0.018	NA	0.13	0.015	0.26	0.0005	0.0006	0.06	0.272	0.035
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	16.1	42.5	13.8	0.0775	0.785	15.0	0.0155	NA	NA	0.0011	NA	0.653	0.035	3.64	0.00075	0.00075	0.13	0.576	0.0155
	Maximum	21.6	50.0	71.3	0.562	1.88	17.7	0.168	NA	NA	0.064	NA	1.12	0.083	4.47	0.0025	0.0029	0.31	0.96	0.133
	% of values undetected				25%	75%		17%			75%					100%	92%	50%		92%
	# of values between MDL and PQL				3	3	1	6			1			12		1		6		

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
KN1C (Knutson Bay-Bottom)											
	05/25/05	1500	1480	0.0031	0.0031	0.031	0.031	0.10	0.1	0.233	0.233
	06/14/05	1530	1690	0.0031	0.0031	0.031	0.031	0.10	0.10	12.3	6.3
	07/23/05	1530	1570	0.0031	0.0031	0.031	0.031	0.10	0.21	11.7	
	08/13/05	1410	1440	0.0031	0.0031	0.031	0.031	0.10	0.20	0.75	0.75
	09/29/05	1480		0.0031	0.0031	0.031	0.031	0.10	0.10	1.07	1.59
	10/14/05	1600	1710	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	1.61
	05/29/07	1530	1730	0.0050	0.0050	0.050	0.050	0.155	0.155	5.35	5.27
	06/11/07	1600	1550	0.0050	0.0050	0.050	0.050	0.155	0.155	4.09	1.81
	07/19/07	1750	1660	0.0050	0.0050	0.050	0.112	0.155	0.155	1.64	1.23
	08/20/07	1450	1480	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	09/22/07	1620	1790	0.0050	0.0050	0.050	0.050	0.155	0.155	2.66	2.01
	10/09/07	1590	1700	0.0050	0.0050	0.050	0.050	0.155	0.155	1.62	0.50
	Mean	1550	1620	0.0040	0.0040	0.040	0.050	0.13	0.15	3.6	2
	Median	1530	1660	0.0040	0.0040	0.040	0.040	0.13	0.16	1.6	1.6
	St. Deviation	90	120	0.001	0.001	0.01	0.02	0.03	0.04	4.2	2
	# of values	12	11	12	12	12	12	12	12	12	11
	Minimum	1410	1440	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.233
	Maximum	1750	1790	0.0050	0.0050	0.050	0.112	0.155	0.21	12.3	6.3
	% of values undetected			100%	100%	100%	92%	100%	92%	33%	36%
	# of values between MDL and PQL						1		1	1	
NE1A (Northeast Bay-Surface)											
	05/24/05	1600	1630	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.233
	06/16/05	1720	1790	0.0031	0.0031	0.031	0.031	0.10	0.10	11.9	7.99
	07/31/05	1830	1790	0.0031	0.0031	0.031	0.031	0.228	0.10	16.4	19.6
	08/12/05	1480	1480	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	09/28/05	1770	1860	0.0031	0.0031	0.031	0.031	0.10	0.10	0.7	
	10/12/05	1560	1680	0.0031	0.0031	0.031	0.031	0.10	0.10	4.41	1.61
	05/30/07	1570	1610	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	
	06/12/07	1670	1950	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.07
	07/18/07	1850	1870	0.0050	0.0050	0.050	0.050	0.155	0.155	1.12	0.50
	08/20/07	1480	1700	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.58
	09/21/07	1580	1580	0.0050	0.0050	0.050	0.050	0.155	0.155	3.30	1.42
	10/09/07	1730	1620	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.18
	Mean	1650	1710	0.0040	0.0040	0.040	0.040	0.138	0.13	3	3.6
	Median	1640	1690	0.0040	0.0040	0.040	0.040	0.155	0.13	1	1.3
	St. Deviation	130	140	0.001	0.001	0.01	0.01	0.039	0.03	5	6
	# of values	12	12	12	12	12	12	12	12	12	10
	Minimum	1480	1480	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.233
	Maximum	1850	1950	0.0050	0.0050	0.050	0.050	0.228	0.155	16.4	19.6
	% of values undetected			100%	100%	100%	100%	92%	100%	50%	30%
	# of values between MDL and PQL							1		1	

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NE1B (Northeast Bay-Mid Depth)																				
	05/24/05	17.8	43.0	30	0.30	0.785	15.0	0.070			0.0011		1.08	0.035	3.92	0.00125	0.00125	0.099		0.0155
	06/16/05	16.1	44.5	5.0	0.25	0.785	16.0	0.0595			0.00155		1.13	0.041	3.98	0.00125	0.00125	0.16		0.0155
	07/31/05	18.9	44.0	25.0	0.303	0.785	14.5	0.034			0.12		1.07	0.039	4.13	0.00125	0.00125	0.27		0.0155
	08/12/05	19.8	45.5	32.5	0.075	0.785	16.5	0.0945			0.010		0.979	0.04	4.21	0.00125	0.00125	0.26		0.0155
	09/28/05	20.2	45.0	40.0	0.50	1.75	15.5	0.098			0.00165		1.04	0.04	4.17	0.00125	0.00125	0.12		0.050
	10/12/05	19.0	46.0	17.0	0.30	0.785	15.5	0.132			0.0057		0.993	0.071	4.36	0.00125	0.00125	0.17		0.050
	05/30/07	18.5	45.0	26.3	0.400	1.57	15.0	0.0710			0.0120		1.01	0.0610	3.85	0.00075	0.00075	0.155		0.0155
	06/12/07	18.3	43.5	30.0	0.250	1.57	15.0	0.178			0.0050		1.07	0.0820	4.13	0.00075	0.00075	0.155	0.940	0.050
	07/18/07	21.2	47.0	28.8	0.217	1.57	15.9	0.050			0.0050		0.954	0.0590	3.86	0.00075	0.00075	0.155		0.0155
	08/20/07	15.2	46.0	30.0	0.430	1.57	15.1	0.0950			0.0038		0.869	0.0330	3.64	0.00075	0.00075	0.155		0.0155
	09/21/07	22.4	50.0	36.3	0.526	1.57	20.1	0.180			0.00155		0.664	0.0440	4.60	0.00075	0.00075	0.155	0.519	0.0155
	10/09/07	21.2	47.0	33.8	0.078	1.57	16.0	0.110			0.00155		0.823	0.0420	3.84	0.00075	0.00075	0.155		0.0155
	Mean	19.1	46.0	28	0.30	1.26	15.8	0.10	NA	NA	0.010	NA	0.97	0.049	4.06	0.001	0.001	0.17	0.73	0.024
	Median	19.0	45.0	30	0.30	1.57	15.5	0.090	NA	NA	0	NA	1	0.042	4.06	0.001	0.001	0.16	0.73	0.016
	St. Deviation	2.1	2	9	0.14	0.42	1.5	0.05	NA	NA	0.03	NA	0.13	0.016	0.26	0.0003	0.0003	0.05	0.298	0.016
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	15.2	43.0	5.0	0.075	0.785	14.5	0.034	NA	NA	0.0011	NA	0.664	0.033	3.64	0.00075	0.00075	0.099	0.519	0.0155
	Maximum	22.4	50.0	40.0	0.53	1.75	20.1	0.18	NA	NA	0.12	NA	1.13	0.082	4.6	0.00125	0.00125	0.27	0.94	0.05
	% of values undetected			8%	33%	92%		8%			67%					100%	100%	50%		100%
	# of values between MDL and PQL				6	1	1	7			2			12				6		
NE1C (Northeast Bay-Bottom)																				
	05/24/05	17.1	42.5	28.0	2.4	1.63	14.0	0.08			0.0011		1.12	0.035	3.92	0.00125	0.00125	0.18		0.0155
	06/16/05	15.8	45.0	26.3	0.50	0.785	15.5	0.0695			0.00155		1.14	0.039	4.01	0.00125	0.0029	0.16		0.0155
	07/31/05	18.2	44.5	20.0	0.303	0.785	16.5	0.148			0.024		1.08	0.040	3.95	0.00125	0.00125	0.30		0.0155
	08/12/05	18.1	45.0	27.5	0.075	0.785	16.0	0.0485			0.010		1.05	0.038	4.02	0.00125	0.00125	0.24		0.033
	09/28/05	19.4	45.0	15.0	0.40	0.785	15.5	0.0655			0.00165		1.03	0.044	4.11	0.00125	0.00125	0.22		0.050
	10/12/05	19.5	45.5	26.0	0.50	0.785	16.0	0.12			0.0057		5.38	0.061	4.14	0.00125	0.00125	0.16		0.050
	05/30/07	17.9	46.0	52.5	0.150	1.57	15.0	0.102			0.0125		1.02	0.0590	3.92	0.00075	0.00075	0.155		0.0155
	06/12/07	18.0	44.0	32.5	1.20	1.57	14.0	0.172			0.0177		1.04	0.0790	4.06	0.00075	0.00075	0.155	0.894	0.050
	07/18/07	20.3	46.5	27.5	1.26	1.57	15.9	0.050			0.0411		0.971	0.0510	3.87	0.00075	0.00075	0.155		0.0155
	08/20/07	16.8	45.5	26.3	0.0765	1.57	15.0	0.131			0.0032		0.865	0.0320	3.64	0.00075	0.00075	0.155		0.0412
	09/21/07	22.1	50.0	35.0	1.81	1.57	20.0	0.154			0.00155		0.670	0.0450	4.68	0.00075	0.00075	0.155	0.592	0.0155
	10/09/07	22.3	47.0	31.3	22.7	1.57	29.6	0.122			0.0324		0.829	0.0400	3.94	0.00075	0.00075	0.155		0.128
	Mean	18.8	46.0	29.0	3.0	1.25	17.0	0.105	NA	NA	0.0127	NA	1.35	0.047	4.02	0.001	0.0011	0.18	0.743	0.037
	Median	18.2	45.0	27.5	1.0	1.57	16.0	0.111	NA	NA	0.0079	NA	1.04	0.042	3.98	0.001	0.0010	0.16	0.743	0.024
	St. Deviation	2	2	9.1	6	0.41	4	0.042	NA	NA	0.0135	NA	1.28	0.014	0.24	0.0003	0.0006	0.05	0.214	0.032
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	15.8	42.5	15	0.075	0.785	14.0	0.0485	NA	NA	0.0011	NA	0.67	0.032	3.64	0.00075	0.00075	0.16	0.592	0.0155
	Maximum	22.3	50.0	52.5	22.7	1.63	29.6	0.172	NA	NA	0.0411	NA	5.38	0.079	4.68	0.00125	0.0029	0.30	0.894	0.128
	% of values undetected				25%	92%		8%			42%					100%	92%	50%		75%
	# of values between MDL and PQL				2	1		4			2			12			1	6		2

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NE1B (Northeast Bay-Mid Depth)											
	05/24/05	1620	1600	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.233
	06/16/05	1630	1820	0.0031	0.0031	0.031	0.031	0.10	0.10	13.5	0.75
	07/31/05	1810	1790	0.0031	0.0031	0.031	0.031	0.10	0.10	15.3	
	08/12/05	1520	1420	0.0031	0.0031	0.031	0.031	0.10	0.479	0.75	0.75
	09/28/05	1840	1770	0.0031	0.0031	0.031	0.031	0.306	0.10	0.637	0.919
	10/12/05	1570	1550	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.75
	05/30/07	1640	1660	0.0050	0.0050	0.050	0.106	0.155	0.155	0.50	
	06/12/07	1690	1820	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	07/18/07	1880	1800	0.0050	0.0050	0.050	0.050	0.155	0.155	1.09	0.50
	08/20/07	1950	1560	0.0050	0.0050	0.050	0.050	0.155	0.155	5.03	2.33
	09/21/07	1630	1570	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.48
	10/09/07	1730	1670	0.0050	0.0050	0.050	0.050	0.155	0.155	1.06	1.13
	Mean	1710	1670	0.0040	0.004	0.040	0.05	0.145	0.159	3.3	0.9
	Median	1670	1670	0.0040	0.004	0.040	0.04	0.155	0.155	0.70	0.80
	St. Deviation	130	130	0.001	0.001	0.01	0.02	0.058	0.104	5.4	0.6
	# of values	12	12	12	12	12	12	12	12	12	10
	Minimum	1520	1420	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.2325
	Maximum	1950	1820	0.0050	0.005	0.050	0.106	0.306	0.479	15.3	2.33
	% of values undetected			100%	100%	100%	92%	92%	92%	50%	60%
	# of values between MDL and PQL						1	1		1	1
NE1C (Northeast Bay-Bottom)											
	05/24/05	1580	1660	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.233
	06/16/05	1680	1760	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	
	07/31/05	2300	2030	0.0031	0.0031	0.031	0.031	0.10	0.10	6.51	
	08/12/05	1500	1420	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	09/28/05	1790	1790	0.0031	0.0031	0.031	0.031	0.10	0.252	0.805	1.22
	10/12/05	1650	15.5	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	05/30/07	1590	1760	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	
	06/12/07	1570	1680	0.0050	0.0102	0.050	0.050	0.155	0.155	0.50	1.11
	07/18/07	1800	1840	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	08/20/07	1490	1530	0.0050	0.0050	0.050	0.050	0.155	0.155	1.92	0.50
	09/21/07	1600	1630	0.0050	0.0050	0.050	0.050	0.936	0.155	2.95	1.14
	10/09/07	1770	1680	0.0050	0.0050	0.050	0.050	2.68	0.155	5.24	1.30
	Mean	1690	1570	0.0040	0.0040	0.040	0.040	0.40	0.14	1.8	0.8
	Median	1630	1680	0.0040	0.0040	0.040	0.040	0.10	0.155	0.80	0.8
	St. Deviation	220	510	0.001	0.002	0.01	0.01	0.8	0.045	2.1	0.4
	# of values	12	12	12	12	12	12	12	12	12	9
	Minimum	1490	15.5	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.233
	Maximum	2300	2030	0.0050	0.0102	0.050	0.050	2.68	0.252	6.51	1.3
	% of values undetected		8%	100%	92%	100%	100%	83%	92%	58%	56%
	# of values between MDL and PQL				1			1	1	1	1

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Preliminary data. Do not cite or quote.

Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
PB1A (Pile Bay-Surface)																				
	05/25/05	15.5	39.5	25.0	0.20	1.63	12.0	0.16			0.0011		1.04	0.034	3.96	0.00125	0.00125	0.12		0.0155
	06/14/05	13.4	34.5	20.0	0.20	0.785	10.5	0.154			0.0090		0.962	0.031	4.38	0.00125	0.00125	0.0295		0.0155
	07/23/05	14.6	37.5	30.0	0.211	0.785	12.0	0.098			0.0535		0.935	0.036	4.32	0.00125	0.00125	0.18		0.0155
	08/13/05	15.5	42.0	22.5	0.075	0.785	15.0	0.0155			0.010		1.04	0.035	3.90	0.00125	0.00125	0.26		0.0155
	09/29/05	16.9	41.0	30.0	0.40	1.63	14.5	0.087			0.00165		1.02	0.039	4.00	0.00125	0.00125	0.21		0.0155
	10/14/05	17.3	42.5	27.5	0.60	0.785	14.0	0.123			0.0057		1.01	0.064	4.15	0.00125	0.00125	0.18		0.050
	05/29/07	16.9	42.0	22.5	0.206	5.00	13.9	0.136			0.0050		1.07	0.0550	3.82	0.00075	0.00075	0.155		0.0155
	06/11/07	18.3	42.0	12.5	0.075	1.57	14.0	0.133			0.0132		1.05	0.0830	3.94	0.00075	0.00075	0.155	0.825	0.0155
	07/19/07	17.8	39.0	23.8	0.200	1.57	13.5	0.050			0.0050		0.983	0.0530	3.53	0.00075	0.00075	0.155		0.0155
	08/20/07	15.0	42.0	25.0	0.435	1.57	14.0	0.133			0.0064		0.893	0.0310	3.45	0.00075	0.00075	0.155		0.0155
	09/22/07	19.2	44.0	35.0	0.208	1.57	15.0	0.0960			0.00155		0.870	0.0390	3.76	0.00075	0.00075	0.155	0.350	0.138
	10/09/07	19.5	44.0	30.0	0.080	1.57	14.7	0.0925			0.0033		0.924	0.0420	3.73	0.00075	0.00075	0.155		0.0155
	Mean	16.7	41.0	25.0	0.20	1.60	14.0	0.11	NA	NA	0.010	NA	0.98	0.045	3.91	0.001	0.001	0.16	0.588	0.029
	Median	16.9	42.0	25.0	0.20	1.57	14.0	0.11	NA	NA	0.0050	NA	1	0.039	3.92	0.001	0.001	0.16	0.588	0.016
	St. Deviation	1.9	3	6	0.2	1.14	1	0.043	NA	NA	0.014	NA	0.07	0.016	0.28	0.0003	0.0003	0.05	0.336	0.036
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	13.4	34.5	12.5	0.075	0.785	10.5	0.0155	NA	NA	0.0011	NA	0.87	0.031	3.45	0.00075	0.00075	0.030	0.350	0.0155
	Maximum	19.5	44.0	35.0	0.60	5.00	15.0	0.16	NA	NA	0.0535	NA	1.07	0.083	4.38	0.00125	0.00125	0.26	0.825	0.138
	% of values undetected				25%	75%		17%			50%					100%	100%	58%		92%
	# of values between MDL and PQL				8	3	1	4			4			12				5	1	
PB1B (Pile Bay-Mid Depth)																				
	05/25/05	15.6	40.0	56.0	0.50	2.38	11.0	0.190			0.0011		1.02	0.033	4.06	0.00125	0.00125	0.18		0.0155
	06/14/05	14.2	36.0	17.5	0.50	0.785	11.0	0.122			0.00155		1.00	0.032	4.32	0.00125	0.00125	0.13		0.0155
	07/23/05	15.1	39.5	33.8	0.303	0.785	13.5	0.126			0.048		1.00	0.034	3.93	0.00125	0.00125	0.14		0.0155
	08/13/05	17.1	42.0	28.8	0.30	0.785	12.0	0.0785			0.010		1.05	0.038	4.00	0.00125	0.00125	0.19		0.0155
	09/29/05	16.1	40.5	28.8	0.20	0.785	13.5	0.089			0.013		1.01	0.038	4.06	0.00125	0.00125	0.23		0.0155
	10/14/05	16.8	42.0	30.0	0.20	0.785	14.5	0.130			0.014		1.02	0.062	4.18	0.0025	0.00125	0.091		0.148
	05/29/07	16.8	42.0	20.0	0.302	1.57	14.0	0.166			0.0050		1.07	0.0560	3.81	0.00075	0.00075	0.155		0.0155
	06/11/07	18.9	42.0	18.8	0.700	1.57	13.0	0.189			0.0119		1.05	0.0830	3.94	0.00075	0.00075	0.155	0.713	0.0155
	07/19/07	17.5	39.0	26.3	0.200	1.57	13.4	0.158			0.0050		0.976	0.0520	3.54	0.00075	0.00075	0.155		0.0155
	08/20/07	15.9	43.0	21.3	0.1595	1.57	14.4	0.137			0.0104		0.888	0.0155	3.47	0.00075	0.00075	0.155		0.0155
	09/22/07	18.3	43.0	28.8	0.077	1.57	15.0	0.259			0.241		0.868	0.0380	3.77	0.00075	0.00075	0.155	0.415	0.0155
	10/09/07	18.2	44.0	38.8	0.0815	1.57	14.7	0.117			0.00155		0.875	0.0390	3.62	0.00075	0.00075	0.155		0.0155
	Mean	16.7	41.0	29.1	0.29	1.31	13.0	0.147	NA	NA	0.030	NA	0.99	0.043	3.89	0.0011	0.0010	0.16	0.564	0.0270
	Median	16.8	42.0	28.8	0.25	1.57	14.0	0.134	NA	NA	0.010	NA	1.01	0.038	3.94	0.0010	0.0010	0.16	0.564	0.0160
	St. Deviation	1.4	2	10.6	0.19	0.52	1	0.05	NA	NA	0.07	NA	0.07	0.017	0.26	0.0005	0.0003	0.03	0.211	0.038
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	14.2	36.0	17.5	0.077	0.785	11.0	0.0785	NA	NA	0.0011	NA	0.868	0.0155	3.47	0.00075	0.00075	0.091	0.415	0.0155
	Maximum	18.9	44.0	56.0	0.70	2.38	15.0	0.259	NA	NA	0.241	NA	1.07	0.083	4.32	0.0025	0.00125	0.23	0.713	0.148
	% of values undetected				25%	92%					50%			8%		100%	100%	50%		92%
	# of values between MDL and PQL				6	1	1	2			2			11				6	1	

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
PB1A (Pile Bay-Surface)											
	05/25/05	1510	1520	0.0031	0.0031	0.031	0.031	0.10	0.10	2.45	2.03
	06/14/05	1390	1450	0.0031	0.0031	0.071	0.031	0.10	0.10	7.15	
	07/23/05	1430	1420	0.0031	0.0031	0.031	0.031	0.262	0.211	12.8	
	08/13/05	1350	1300	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.750
	09/29/05	1630	1580	0.0031	0.0031	0.031	0.031	0.206	0.10	0.771	0.862
	10/14/05	1560	1680	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	1.85
	05/29/07	1590	1700	0.0050	0.0050	0.050	0.050	0.155	0.155	3.47	3.69
	06/11/07	1690	1730	0.0216	0.0050	0.050	0.050	0.155	0.155	0.50	1.19
	07/19/07	1710	1650	0.0050	0.0050	0.050	0.050	0.155	0.155	2.83	1.61
	08/20/07	1400	1560	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.35
	09/22/07	1770	1760	0.0050	0.0050	0.050	0.050	0.155	0.155	3.07	2.62
	10/09/07	1770	1610	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.11
	Mean	1570	1580	0.0050	0.0040	0.040	0.040	0.15	0.137	3.0	1.7
	Median	1580	1600	0.0040	0.0040	0.050	0.040	0.16	0.155	1.6	1.5
	St. Deviation	150	140	0.005	0.001	0.01	0.01	0.048	0.036	3.7	0.9
	# of values	12	12	12	12	12	12	12	12	12	10
	Minimum	1350	1300	0.0031	0.0031	0.031	0.031	0.1	0.10	0.50	0.75
	Maximum	1770	1760	0.0216	0.005	0.071	0.050	0.262	0.211	12.8	3.69
	% of values undetected			92%	100%	92%	100%	83%	92%	42%	10%
	# of values between MDL and PQL					1		2	1	1	1
PB1B (Pile Bay-Mid Depth)											
	05/25/05	1470	1420	0.0031	0.0031	0.031	0.031	0.20	0.10	0.499	0.688
	06/14/05	1510	1460	0.0031	0.0031	0.031	0.031	0.10	0.10	4.37	
	07/23/05	1510	1460	0.0031	0.0031	0.031	0.031	0.419	0.243	12.8	
	08/13/05	1430	1440	0.0031	0.0031	0.031	0.031	0.10	0.20	0.75	1.51
	09/29/05	1470	1460	0.0031	0.0031	0.031	0.031	0.10	0.10	1.64	0.877
	10/14/05	1630	1740	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	05/29/07	1580	1670	0.0050	0.0050	0.050	0.050	0.155	0.155	3.42	1.58
	06/11/07	1750	1660	0.0050	0.0050	0.050	0.050	0.155	0.155	2.09	1.63
	07/19/07	1640	1700	0.0050	0.0050	0.050	0.050	0.155	0.155	1.18	2.09
	08/20/07	1460	1630	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	
	09/22/07	1650	1780	0.0050	0.0050	0.050	0.050	0.155	0.155	1.63	2.12
	10/09/07	1620	1700	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	Mean	1560	1590	0.004	0.0040	0.040	0.040	0.162	0.148	2.5	1.30
	Median	1550	1650	0.004	0.0040	0.040	0.040	0.155	0.155	1.4	1.50
	St. Deviation	100	130	0.001	0.001	0.01	0.01	0.087	0.044	3.5	0.6
	# of values	12	12	12	12	12	12	12	12	12	9
	Minimum	1430	1420	0.0031	0.0031	0.031	0.031	0.10	0.10	0.499	0.5
	Maximum	1750	1780	0.005	0.0050	0.050	0.050	0.419	0.243	12.8	2.12
	% of values undetected			100%	100%	100%	100%	92%	92%	33%	22%
	# of values between MDL and PQL								1	1	2

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
PB1C (Pile Bay-Bottom)																				
	05/25/05	15.8	40.5	50.0	0.40	2.25	12.5	0.180			0.0050		1.03	0.033	4.00	0.00125	0.00125	0.16		0.0155
	06/14/05	14.5	36.5	13.8	0.40	0.785	12.0	0.136			0.0088		1.00	0.032	4.26	0.00125	0.00125	0.14		0.0155
	07/23/05	14.7	39.5	28.8	0.20	0.785	13.5	0.178			0.054		1.02	0.041	3.86	0.00125	0.00125	0.15		0.0155
	08/13/05	15.5	41.0	22.5	0.147	0.785	14.0	0.045			0.010		1.03	0.036	3.88	0.00125	0.00125	0.21		0.0155
	09/29/05	17.0	40.5	17.5	0.075	0.785	14.5	0.099			0.016		1.01	0.038	4.02	0.00125	0.00125	0.12		0.0155
	10/14/05	17.9	42.0	35.0	0.30	0.785	13.5	0.115			0.0085		1.01	0.06	4.21	0.00125	0.0025	0.26		0.050
	05/29/07	17.8	41.0	31.3	4.10	1.57	14.5	0.124			0.0474		1.08	0.0490	3.84	0.00075	0.00075	0.155		0.0155
	06/11/07	20.1	42.5	41.3	36.8	1.57	13.0	0.145			0.0278		1.05	0.0810	3.95	0.00075	0.00075	0.155	0.789	0.0155
	07/19/07	16.9	39.0	21.3	4.60	1.57	13.4	0.175			0.0050		0.967	0.0540	3.46	0.00075	0.00075	0.155		0.0155
	08/20/07	16.6	43.5	20.0	77.6	1.57	14.1	0.144			0.0120		0.888	0.0310	3.48	0.00075	0.00075	0.155		0.0155
	09/22/07	18.7	45.0	27.5	0.150	1.57	14.8	0.106			0.00155		0.866	0.0390	3.77	0.00075	0.00075	0.155	0.571	0.0455
	Mean	17.1	41.3	28.3	13	1.30	13.7	0.130	NA	NA	0.020	NA	0.99	0.044	3.87	0.0010	0.0011	0.16	0.680	0.021
	Median	17.0	41.0	28.2	0.40	1.57	13.8	0.130	NA	NA	0.011	NA	1.01	0.039	3.87	0.0010	0.0010	0.16	0.680	0.016
	St. Deviation	1.9	2.4	10.3	24	0.49	0.9	0.039	NA	NA	0.018	NA	0.07	0.015	0.25	0.0003	0.0005	0.04	0.154	0.0126
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	14.5	36.5	13.8	0.075	0.785	12.0	0.045	NA	NA	0.00155	NA	0.866	0.031	3.46	0.00075	0.00075	0.12	0.571	0.0155
	Maximum	20.1	45.0	50.0	77.6	2.25	15.0	0.180	NA	NA	0.054	NA	1.08	0.081	4.26	0.00125	0.0025	0.26	0.789	0.050
	% of values undetected				25%	92%					25%					100%	100%	50%		92%
	# of values between MDL and PQL				4	1	1	2			4			12				6		1
RB1A (Roadhouse Bay-Surface)																				
	05/26/05	17.4	42.5	12.5	0.30	2.63	15.0	0.080			0.0011		1.64	0.044	5.92	0.00125	0.00125	0.14		0.0155
	06/15/05	15.9	45.0	21.3	0.30	0.785	15.8	0.076			0.00155		0.413	0.035	1.55	0.00125	0.00125	0.21		0.0155
	07/31/05	17.4	43.5	22.5	0.206	0.785	14.5	0.106			0.00165		1.06	0.04	3.94	0.00125	0.00125	0.26		0.0155
	08/14/05	17.9	43.5	22.5	0.30	0.785	16.0	0.0155			0.010		0.933	0.066	4.06	0.0025	0.0025	0.16		0.0155
	09/28/05	20.0	44.5	38.8	0.30	0.785	16.0	0.083			0.00165		1.03	0.040	4.17	0.00125	0.00125	0.26		0.0155
	10/13/05	17.6	60.0	33.8	0.303	0.785	16.0	0.11			0.0057		0.96	0.077	4.26	0.0025	0.0025	0.16		0.164
	05/30/07	19.0	47.0	28.8	0.1615	1.57	16.4	0.0990			0.0050		0.879	0.0620	4.29	0.00075	0.00075	0.155		0.0155
	06/12/07	18.3	42.0	32.5	0.250	1.57	15.0	0.181			0.0050		1.03	0.0830	4.15	0.00075	0.00075	0.155	0.928	0.050
	07/18/07	21.1	46.0	23.8	0.300	1.57	16.4	0.105			0.0050		0.965	0.0520	3.91	0.00075	0.00075	0.155		0.0155
	08/20/07	18.6	46.0	12.5	0.211	1.57	15.7	0.0945			0.0048		0.874	0.0350	3.77	0.00075	0.00075	0.155		0.0406
	09/21/07	21.9	50.0	30.0	0.521	1.57	17.1	0.136			0.00155		0.647	0.0450	4.62	0.00075	0.00075	0.155	0.555	0.0155
	10/09/07	20.5	47.5	38.8	0.086	1.57	15.5	0.105			0.0033		0.851	0.0410	3.76	0.00075	0.00075	0.155		0.0155
	Mean	18.8	46.0	26.5	0.27	1.33	15.8	0.099	NA	NA	0.0040	NA	0.940	0.052	4.03	0.0012	0.0012	0.18	0.742	0.033
	Median	18.5	46.0	26.3	0.30	1.57	15.9	0.102	NA	NA	0.0040	NA	0.950	0.045	4.11	0.001	0.001	0.16	0.742	0.016
	St. Deviation	1.8	5	8.9	0.11	0.57	0.7	0.039	NA	NA	0.003	NA	0.29	0.016	0.97	0.0006	0.0006	0.04	0.264	0.043
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	15.9	42.0	12.5	0.086	0.785	14.5	0.0155	NA	NA	0.0011	NA	0.413	0.035	1.55	0.00075	0.00075	0.14	0.555	0.0155
	Maximum	21.9	60.0	38.8	0.521	2.63	17.1	0.181	NA	NA	0.010	NA	1.64	0.083	5.92	0.0025	0.0025	0.26	0.928	0.164
	% of values undetected				25%	92%		8%			75%					100%	100%	50%		83%
	# of values between MDL and PQL				8	1	1	5			3			12				6		1

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Sample Location ID	Sample Date	Copper		Iron		Lead		Magnesium		Manganese		Mercury	Molybdenum		Nickel		Potassium		Selenium		Silicon	Silver	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
PB1C (Pile Bay-Bottom)																							
	05/25/05	2.16	1.59	10.0	3.1	0.050		719	662	2.57	1.94		0.647	0.619	0.271		477	456	0.0775	0.0775	1210	0.0031	0.0031
	06/14/05	3.62	2.12	26.7	9.65	0.050	0.120	655	613	5.13	3.99	0.000450	0.751	0.697	0.248	0.348	480	458	0.0775	0.25	1270	0.0031	0.0031
	07/23/05	1.03	0.684	6.72	3.1	0.0155	0.122	684	686	1.94	0.323	0.000450	0.597	0.572	0.216		445	452	0.0775	0.0775	1050	0.0031	0.0031
	08/13/05	0.888	0.609	12.1	9.95	0.0155		676	669	1.7	0.195	0.000450	0.623	0.588	0.221		454	454	0.0775	0.0775	1150	0.0031	0.0031
	09/29/05	1.25		26.8	11.1	0.0155		743	831	2.49	1.69	0.000450	0.796	0.825	0.262		501	525	0.0775	0.0775	1270	0.0031	0.0031
	10/14/05	1.03	0.86	15.7	10.7	0.0155		824	823	1.58	0.249	0.000450	0.728	0.733	0.246		557	560	0.0775	0.0775	1180	0.0031	0.0031
	05/29/07	5.22	0.665	210	14.1	0.206	0.050	823	872	41.3	0.770	0.00105	0.582		0.100	0.290	558	563	0.155	0.155	1150	0.0031	0.0031
	06/11/07	3.48	0.792	115	18.9	0.146	0.050	900	858	21.1	0.852	0.000169	0.755	0.839	0.338	0.354	649	582	0.155	0.155	1320	0.0031	0.0031
	07/19/07	1.62	0.599	101	24.3	0.050	0.0155	776	826	8.94	0.523	0.000169	0.741	0.738	0.272	0.285	520	537	0.155	0.155	1260	0.0031	0.0031
	08/20/07	6.18	0.605	608	10.0	0.311	0.0676	816	707	70.5	1.87	0.0025	0.642	0.725	0.322	0.155	513	492	0.155	0.155	1110	0.0062	0.0031
	09/22/07	0.869	0.677	21.2	12.6	0.0155		819	840	1.73	0.440	0.000169	0.769	0.747	0.100	0.229	552	559	0.155	0.155	1200	0.0031	0.0031
	Mean	2.93	0.91	170	12.5	0.109	0.063	785	763	20	1.33	0.00059	0.713	0.71	0.251	0.27	529	512	0.116	0.131	1190	0.0037	0.0031
	Median	1.89	0.68	27.0	10.9	0.05	0.05	796	798	3.9	0.810	0.00045	0.735	0.725	0.255	0.29	517	518	0.116	0.155	1190	0.0031	0.0031
	St. Deviation	2.37	0.49	282	6.6	0.135	0.044	97	90	28.7	1.23	0.00068	0.098	0.087	0.089	0.07	66	49	0.04	0.054	80	0.0014	0
	# of values	12	11	12	12	12	8	12	12	12	12	11	12	11	12	7	12	12	12	12	12	12	12
	Minimum	0.869	0.599	6.72	3.1	0.0155	0.0155	655	613	1.58	0.195	0.000169	0.582	0.572	0.1	0.155	445	452	0.0775	0.0775	1050	0.0031	0.0031
	Maximum	7.87	2.12	884	24.3	0.415	0.122	985	872	81.5	3.99	0.0025	0.923	0.839	0.413	0.35	649	582	0.155	0.25	1320	0.0070	0.0031
	% of values undetected			8%	25%	67%	50%					91%			17%				100%	100%		83%	100%
	# of values between MDL and PQL			3	7		1				1	1			1							2	
RB1A (Roadhouse Bay-Surface)																							
	05/26/05	0.545	0.472	10.0	10.0	0.050		826	747	1.01	0.489		0.864	0.587	0.259		514	428	0.0775	0.0775	951	0.0031	0.0031
	06/15/05	0.503	0.521	23.2	11.2	0.0155	0.126	752	840	1.09	0.528	0.000450	0.736	0.675	0.212		522	551	0.25	0.0775	885	0.0031	0.0031
	07/31/05	0.886		10.3	3.1	0.0155		832	855	1.96	0.659	0.000450	0.743	0.779	0.196		542	573	0.0775	0.0775	985	0.0031	0.0031
	08/14/05	0.612		18.0	3.1	0.0155	0.050	776	773	1.30	0.271	0.000450	0.718	0.648	0.261	0.253	534	508	0.0775	0.0775	1160	0.0031	0.0031
	09/28/05	0.586	0.564	17.6	10.6	0.0155		895	904	1.57	0.268	0.000450	0.809	0.786	0.296		608	576	0.0775	0.0775	1210	0.0031	0.0031
	10/13/05	0.784	0.462	33	3.1	0.0155		848	807	1.58	0.348	0.000450	0.738	0.851	0.232		517	516	0.0775	0.0775	1460	0.0031	0.0031
	05/30/07	0.480	0.520	26.7	19.0	0.0155	0.0155	856	900	1.06	0.600	0.000169	0.848	0.912	0.100	0.100	580	607	0.155	0.155	1440	0.0031	0.0031
	06/12/07	0.527	0.454	15.5	10.6	0.0155	0.0155	821	821	0.999	0.506	0.000169	0.830	0.783	0.237	0.311	531	533	0.155	0.155	1050	0.0070	0.0031
	07/18/07	0.575	0.509	32.5	27.1	0.0155	0.0155	970	992	1.32	0.439	0.000169	0.926	0.878	0.278	0.349	634	615	0.155	0.155	1280	0.0031	0.0031
	08/20/07	0.494		10.0	10.0	0.0155	0.0470	816	768	1.37	0.279	0.000169	0.799	0.751	0.163	0.163	533	501	0.155	0.155	1050	0.0031	0.0031
	09/21/07	0.636	0.714	47.5	27.3	0.050	0.050	943	966	1.97	0.805	0.000169	0.995	1.010	0.100	0.241	680	686	0.155	0.155	1850	0.0031	0.0031
	10/09/07	0.520	0.440	29.8	10.0	0.0155	0.0155	882	846	1.51	0.425	0.000169	0.890	0.843	0.100	0.100	604	580	0.155	0.155	1410	0.0031	0.0031
	Mean	0.596	0.50	22.8	12.0	0.0213	0.042	851	852	1.39	0.468	0.000297	0.825	0.79	0.203	0.217	567	556	0.131	0.116	1230	0.0034	0.0031
	Median	0.560	0.50	20.6	10.0	0.0155	0.031	840	843	1.35	0.464	0.000169	0.820	0.78	0.222	0.241	538	562	0.155	0.116	1190	0.0031	0.0031
	St. Deviation	0.123	0.1	11.5	8	0.0134	0.038	63	77	0.34	0.166	0.000146	0.085	0.12	0.072	0.099	54	66	0.054	0.04	280	0.0011	0
	# of values	12	9	12	12	12	8	12	12	12	12	11	12	12	12	7	12	12	12	12	12	12	12
	Minimum	0.480	0.440	10.0	3.1	0.0155	0.0155	752	747	0.999	0.268	0.000169	0.718	0.587	0.1	0.100	514	428	0.0775	0.0775	885	0.0031	0.0031
	Maximum	0.886	0.714	47.5	27.3	0.050	0.126	970	992	1.97	0.805	0.0004495	0.995	1.01	0.296	0.349	680	686	0.25	0.155	1850	0.007	0.0031
	% of values undetected			17%	50%	100%	75%					100%			25%	29%			100%	100%		92%	100%
	# of values between MDL and PQL			4	4		1								1	1						1	

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		Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Sample Location ID	Sample Date	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PB1C (Pile Bay-Bottom)											
	05/25/05	1510	1460	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.676
	06/14/05	1500	1410	0.0031	0.0031	0.031	0.031	0.10	0.10	13.4	15.6
	07/23/05	1470	1490	0.0031	0.0031	0.031	0.031	0.284	0.10	10.4	
	08/13/05	1360	1380	0.0031	0.0031	0.031	0.031	0.10	0.20	0.75	0.75
	09/29/05	1560	1720	0.0031	0.0031	0.031	0.031	0.10	0.10	0.927	
	10/14/05	1700	1790	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	1.54
	05/29/07	1630	1710	0.0050	0.0050	0.050	0.050	0.396	0.155	4.27	1.21
	06/11/07	1850	1720	0.0050	0.0050	0.050	0.050	0.155	0.155	3.12	2.03
	07/19/07	1600	1670	0.0050	0.0050	0.050	0.050	0.155	0.155	1.77	0.50
	08/20/07	1490	1480	0.0100	0.0050	0.050	0.050	1.01	0.155	2.99	2.59
	09/22/07	1690	1670	0.0050	0.0050	0.050	0.050	0.155	0.155	2.10	1.35
	Mean	1590	1590	0	0.004	0.04	0.040	0.34	0.14	3.8	2.7
	Median	1580	1610	0	0.004	0.04	0.040	0.16	0.16	2.5	1.3
	St. Deviation	140	140	0	0.001	0.01	0.01	0.42	0.03	4.1	4.6
	# of values	12	12	12	12	12	12	12	12	12	10
	Minimum	1360	1380	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.50
	Maximum	1850	1790	0.01	0.0050	0.050	0.050	1.37	0.2	13.4	15.6
	% of values undetected			92%	100%	100%	100%	67%	100%	25%	30%
	# of values between MDL and PQL			1				2		1	1
RB1A (Roadhouse Bay-Surface)											
	05/26/05	1690	1600	0.0031	0.0031	0.031	0.031	0.10	0.20	0.2325	0.97
	06/15/05	1630	1790	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	
	07/31/05	1690	1800	0.0031	0.0031	0.031	0.031	0.10	0.10	13.4	
	08/14/05	1450	1460	0.0031	0.0031	0.031	0.031	0.10	0.20	0.75	1.89
	09/28/05	1820	1800	0.0031	0.0031	0.031	0.031	0.10	0.10	0.921	1.69
	10/13/05	1650	1600	0.0031	0.0031	0.031	0.031	0.529	0.432	0.2325	0.75
	05/30/07	1530	1620	0.0050	0.0050	0.050	0.050	0.155	0.155	1.60	
	06/12/07	1590	1570	0.0142	0.0116	0.050	0.050	0.155	0.155	1.62	0.50
	07/18/07	1840	1810	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	08/20/07	1600	1520	0.0050	0.0116	0.050	0.050	0.155	0.155	1.08	
	09/21/07	1580	1590	0.0050	0.0050	0.050	0.050	0.155	0.155	1.02	1.06
	10/09/07	1750	1680	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	Mean	1650	1650	0.0050	0.0050	0.04	0.04	0.163	0.172	1.9	1.00
	Median	1640	1610	0.0040	0.0040	0.04	0.04	0.155	0.155	0.8	0.90
	St. Deviation	110	120	0.003	0.003	0.01	0.01	0.118	0.089	3.7	0.5
	# of values	12	12	12	12	12	12	12	12	12	8
	Minimum	1450	1460	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.5
	Maximum	1840	1810	0.0142	0.0116	0.05	0.05	0.529	0.432	13.4	1.89
	% of values undetected			92%	83%	100%	100%	92%	92%	50%	50%
	# of values between MDL and PQL			1	2					1	1

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
RB1B (Roadhouse Bay-Mid Depth)																				
	05/26/05	17.8	44.5	15.0	0.20	0.785	14.0	0.080			0.0011		1.61	0.047	5.93	0.00125	0.00125	0.091		0.0155
	06/15/05	17.4	45.0	18.8	0.40	0.785	14.5	0.080			0.00155		1.14	0.037	4.11	0.00125	0.00125	0.13		0.0155
	07/31/05	18.0	44.5	21.3	0.421	2.25	12.0	1.66			0.00165		1.07	0.050	4.17	0.00125	0.00125	0.30		0.0155
	08/14/05	17.0	45.5	21.3	0.30	0.785	16.0	0.166			0.010		0.957	0.038	3.88	0.00125	0.00125	0.30		0.0155
	09/28/05	19.3	43.5	38.8	0.075	0.785	15.5	0.0785			0.00165		1.03	0.038	4.16	0.00125	0.00125	0.19		0.05
	10/13/05	18.4	46.0	20.0	0.20	0.785	16.0	0.139			0.0057		0.97	0.064	4.34	0.00125	0.00125	0.19		0.05
	05/30/07	19.3	46.0	31.3	0.0775	1.57	13.5	0.0995			0.0104		0.936	0.0600	4.00	0.00075	0.00075	0.155		0.0155
	06/12/07	18.5	44.5	37.5	0.0925	1.57	18.0	0.170			0.0050		1.02	0.0860	4.25	0.00075	0.00075	0.155	0.954	0.050
	07/18/07	20.1	46.0	38.8	0.505	1.57	16.4	0.050			0.0304		0.943	0.0530	3.92	0.00075	0.00075	0.155		0.0155
	08/20/07	19.6	46.0	17.5	0.426	1.57	15.6	0.112			0.00155		0.860	0.0450	3.72	0.00075	0.00075	0.155		0.0155
	09/21/07	22.6	48.0	37.5	0.521	1.57	16.9	0.151			0.00155		0.696	0.0440	4.38	0.00075	0.00075	0.155	0.581	0.0868
	10/09/07	20.5	47.0	22.5	0.078	1.57	15.5	0.210			0.00155		0.850	0.0340	3.74	0.00075	0.00075	0.155		0.107
	Mean	19.0	46.0	26.7	0.27	1.3	15.3	0.25	NA	NA	0.0060	NA	1.01	0.050	4.22	0.0010	0.0010	0.18	0.768	0.038
	Median	18.9	46	21.9	0.25	1.57	15.6	0.13	NA	NA	0.0017	NA	0.96	0.046	4.14	0.0010	0.0010	0.16	0.768	0.016
	St. Deviation	1.6	1	9.3	0.17	0.49	1.6	0.45	NA	NA	0.0084	NA	0.22	0.015	0.58	0.0003	0.0003	0.06	0.264	0.032
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	17.0	43.5	15.0	0.075	0.785	12.0	0.050	NA	NA	0.0011	NA	0.696	0.034	3.72	0.00075	0.00075	0.091	0.581	0.0155
	Maximum	22.6	48.0	38.8	0.521	2.25	18.0	1.66	NA	NA	0.0304	NA	1.61	0.086	5.93	0.00125	0.00125	0.30	0.954	0.107
	% of values undetected				33%	92%		8%			75%					100%	100%	50%		83%
	# of values between MDL and PQL				6	1	1	4			1			12				6		1
RB1C (Roadhouse Bay-Bottom)																				
	05/26/05	17.3	45.0	20.0	0.20	1.63	15.0	0.090			0.0011		1.07	0.035	3.92	0.00125	0.00125	0.18		0.0155
	06/15/05	18.1	44.5	26.3	0.70	0.785	16.0	0.0845			0.00155		1.13	0.037	4.01	0.00125	0.0030	0.16		0.0155
	07/31/05	17.9	42.5	22.5	0.309	0.785	15.0	0.172			0.062		1.06	0.042	4.01	0.00125	0.00125	0.19		0.0155
	08/14/05	17.1	45.5	17.5	0.30	0.785	16.0	0.0155			0.042		0.942	0.036	3.90	0.00125	0.0025	0.26		0.0155
	09/28/05	19.6	44.5	35.0	0.60	0.785	16.0	0.0965			0.00165		1.03	0.04	4.04	0.00125	0.00125	0.30		0.050
	10/13/05	19.0	45.0	40.0	0.306	0.785	17.0	0.105			0.0057		0.971	0.064	4.33	0.00125	0.00125	0.21		0.050
	05/30/07	18.2	45.0	27.5	6.26	1.57	15.0	0.113			0.0050		1.02	0.0570	4.01	0.00075	0.00075	0.155		0.0155
	06/12/07	18.0	43.5	38.8	0.2525	1.57	17.0	0.0785			0.0181		1.03	0.0850	4.19	0.00075	0.00075	0.155	0.909	0.050
	07/18/07	20.4	46.0	25.0	1.56	1.57	16.2	0.106			0.0050		0.980	0.0560	3.92	0.00075	0.00075	0.155		0.0155
	08/20/07	19.6	46.5	20.0	0.0775	1.57	15.7	0.0735			0.00155		0.868	0.0400	3.75	0.00075	0.00075	0.155		0.0155
	09/21/07	19.9	48.0	38.8	0.515	1.57	16.9	0.127			0.00155		0.727	0.0440	4.33	0.00075	0.00075	0.155	0.462	0.0155
	10/09/07	20.4	46.0	22.5	0.0805	1.57	16.1	0.168			0.00155		0.860	0.0320	3.74	0.00075	0.00075	0.155		0.0155
	Mean	18.8	45.0	27.8	0.93	1.25	16.0	0.102	NA	NA	0.012	NA	0.970	0.047	4.01	0.0010	0.0013	0.19	0.686	0.024
	Median	18.6	45.0	25.7	0.31	1.57	16.0	0.101	NA	NA	0.0030	NA	1.00	0.041	4.01	0.0010	0.001	0.16	0.686	0.016
	St. Deviation	1.2	1	8.2	1.73	0.41	1	0.042	NA	NA	0.02	NA	0.11	0.015	0.19	0.0003	0.0007	0.05	0.316	0.016
	# of values	12	12	12	12	12	12	12	0	0	12	0	12	12	12	12	12	12	2	12
	Minimum	17.1	42.5	17.5	0.0775	0.785	15.0	0.0155	NA	NA	0.0011	NA	0.727	0.032	3.74	0.00075	0.00075	0.16	0.462	0.0155
	Maximum	20.4	48.0	40.0	6.26	1.63	17.0	0.172	NA	NA	0.062	NA	1.13	0.085	4.33	0.00125	0.0030	0.30	0.909	0.050
	% of values undetected				25%	92%		8%			67%					100%	92%	50%		100%
	# of values between MDL and PQL				4	1	1	5			1			12			1	6	1	

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Sample Location ID	Sample Date	Aluminum		Antimony		Arsenic		Barium		Beryllium		Bismuth		Boron		Cadmium		Calcium		Chromium		Cobalt	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
RB1B (Roadhouse Bay-Mid Depth)																							
	05/26/05	9.44	2.55	0.0358		0.405	0.125	5.22	4.49	0.0075	0.0282	0.0096		1.55	5.3	0.0242	0.0156	5730	4530	0.227	0.031	0.0180	
	06/15/05	4.07	1.0	0.0608	0.018	0.125	0.125	5.56	3.25	0.0075	0.0075	0.0394	0.00155	1.55	1.55	0.025	0.00775	5550	3840	0.253	0.100	0.0298	0.00155
	07/31/05	6.32	2.32	0.0312	0.030	0.125	0.125	5.48	5.03	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	5830	5900	0.100	0.100	0.0146	0.0106
	08/14/05	14.8	4.84	0.0052		0.125	0.125	5.34	5.98	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.00775	0.00775	5570	6290	0.031	0.031	0.0244	0.0180
	09/28/05	18	4.12	0.0252	0.026	0.302	0.125	5.83	6.64	0.0075	0.0075	0.00155	0.00155	4.2	1.55	0.0312	0.00775	6280	6280	0.209		0.0246	0.0242
	10/13/05	11.8	5.41	0.0318	0.0318	0.25	0.25	5.58	5.86	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	6040	6310	0.296		0.023	0.0288
	05/30/07	7.06	3.26	0.0250	0.0250	0.155	0.155	6.05	6.25	0.0125	0.0125	0.0075	0.0075	2.92	3.74	0.0075	0.0075	6280	6290	0.100	0.100	0.0112	0.0116
	06/12/07	6.05	2.49	0.0378	0.0404	0.155	0.155	5.98	6.34	0.0125	0.0125	0.0075	0.0075	3.00	4.07	0.0075	0.0075	6000	6580	0.281	0.100	0.0118	0.0150
	07/18/07	6.57	3.10	0.0250	0.0250	0.155	0.155	6.27	6.35	0.0125	0.0125	0.0075	0.0075	4.54	4.72	0.0075	0.0075	6510	6610	0.050	0.050	0.0100	0.0100
	08/20/07	9.22	3.79	0.0228	0.0244	0.155	0.155	8.38	5.75	0.0125	0.0125	0.0075	0.0075	4.11	3.85	0.0202	0.0075	6470	6140	0.291	0.313	0.0322	0.0108
	09/21/07	34.3	6.65	0.0298	0.0318	0.155	0.155	7.91	7.19	0.0125	0.0125	0.0075	0.0075	3.45	2.92	0.0075	0.0075	7460	6920	0.219	0.100	0.0192	0.0100
	10/09/07	13.4	5.25	0.0286	0.0356	0.155	0.155	6.27	6.27	0.0125	0.0125	0.0075	0.0075	3.31	3.32	0.0075	0.0075	6770	6670	0.050	0.100	0.0136	0.0050
	Mean	11.8	3.73	0.0299	0.0288	0.189	0.15	6.16	5.78	0.010	0.0117	0.0080	0.0050	3.35	3.55	0.013	0.0080	6210	6030	0.176	0.110	0.0194	0.0132
	Median	9.3	3.53	0.0292	0.028	0.155	0.155	5.91	6.12	0.010	0.0125	0.0080	0.0080	3.38	3.80	0.0080	0.0080	6160	6290	0.214	0.100	0.0186	0.0108
	St. Deviation	8.2	1.6	0.0128	0.0064	0.087	0.035	0.99	1.07	0.003	0.0058	0.01	0.003	1.29	1.4	0.009	0.002	550	910	0.102	0.08	0.0074	0.0079
	# of values	12	12	12	10	12	12	12	12	12	12	12	11	12	12	12	12	12	12	9	12	12	11
	Minimum	4.07	1.0	0.0052	0.018	0.125	0.125	5.22	3.25	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.0075	0.0075	5550	3840	0.031	0.031	0.01	0.00155
	Maximum	34.3	6.65	0.0608	0.0404	0.405	0.25	8.38	7.19	0.0125	0.0282	0.0394	0.0075	5.0	5.3	0.0312	0.0156	7460	6920	0.296	0.313	0.0322	0.0288
	% of values undetected		8%	17%	20%	83%	100%			100%	92%	83%	100%	42%	42%	75%	92%			42%	89%	8%	27%
	# of values between MDL and PQL			5	4	2					1	1		7	7	3	1					4	4
RB1C (Roadhouse Bay-Bottom)																							
	05/26/05	6.88	2.34	0.0350	0.0304	0.125	0.125	5.14	4.73	0.0075	0.0075	0.00155	0.00155	1.55	3.4	0.033	0.00775	5590	4800	0.238	0.139	0.0216	0.0114
	06/15/05	6.54	0.31	0.0462	0.0206	0.125	0.125	5.84	3.29	0.0075	0.0075	0.0096	0.00155	1.55	1.55	0.025	0.00775	5810	4000	0.373	0.100	0.0202	0.00155
	07/31/05	7.21	3.63	0.0302	0.0280	0.125	0.125	5.44	5.05	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	5790	5890	0.100	0.100	0.0414	0.0112
	08/14/05	19.5	6.53	0.0090		0.125	0.125	5.43	5.87	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.00775	0.00775	5610	6230	0.031		0.0252	0.0198
	09/28/05	23.1	5.86	0.025	0.0210	0.125	0.407	5.69	5.69	0.0075	0.0075	0.00155	0.00155	6.2	1.55	0.0308	0.00775	6400	6500	0.238		0.0274	0.0224
	10/13/05	13.6	5.81	0.032	0.0316	0.250	0.125	5.60	5.72	0.0075	0.0075	0.00155	0.00155	5.0	1.55	0.00775	0.00775	6230	6230	0.290		0.0308	0.0252
	05/30/07	48.1	2.34	0.0250	0.0250	0.155	0.155	6.72	6.24	0.0125	0.0125	0.0075	0.0075	2.81	3.29	0.0075	0.0075	5930	6430	0.238	0.300	0.0260	0.0112
	06/12/07	5.49	2.25	0.0370	0.0424	0.155	0.155	5.71	6.36	0.0125	0.0125	0.0075	0.0075	2.89	4.09	0.0075	0.0075	5860	6640	0.237	0.337	0.0126	0.0130
	07/18/07	25.2	2.46	0.0250	0.0250	0.155	0.155	6.68	6.29	0.0125	0.0125	0.0075	0.0075	4.59	4.60	0.0075	0.0075	6620	6600	0.050	0.050	0.0248	0.0100
	08/20/07	7.87	2.93	0.0210	0.0218	0.155	0.155	6.00	5.97	0.0125	0.0125	0.0075	0.0075	4.21	4.20	0.0240	0.0075	6440	6310	0.277	0.363	0.0152	0.0112
	09/21/07	28.6	7.56	0.0202	0.0350	0.155	0.155	6.74	7.31	0.0125	0.0125	0.0075	0.0075	2.89	3.33	0.0075	0.0160	6540	7340	0.100	0.100	0.0144	0.0106
	10/09/07	13.3	5.03	0.0308	0.0338	0.155	0.155	6.21	6.36	0.0125	0.0125	0.0075	0.0075	3.31	3.41	0.0075	0.0075	6730	6820	0.050	0.050	0.0134	0.0138
	Mean	17.1	3.92	0.0280	0.0290	0.150	0.164	5.93	5.74	0.010	0.010	0.0052	0.0045	3.46	3.13	0.014	0.0080	6130	6150	0.190	0.170	0.0228	0.0134
	Median	13.5	3.28	0.0280	0.0280	0.155	0.155	5.78	5.92	0.010	0.010	0.0075	0.0045	3.10	3.37	0.0080	0.0080	6080	6370	0.240	0.100	0.0232	0.0113
	St. Deviation	12.7	2.19	0.009	0.007	0.035	0.078	0.54	1.02	0.003	0.003	0.0033	0.0031	1.54	1.28	0.01	0.002	410	910	0.11	0.13	0.0084	0.0063
	# of values	12	12	12	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	9	12	12	12
	Minimum	5.49	0.31	0.0090	0.0206	0.125	0.125	5.14	3.29	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.0075	0.0075	5590	4000	0.031	0.050	0.0126	0.00155
	Maximum	48.1	7.56	0.0462	0.0424	0.250	0.407	6.74	7.31	0.0125	0.0125	0.0096	0.0075	6.20	5.00	0.033	0.016	6730	7340	0.373	0.363	0.0414	0.0252
	% of values undetected		8%	17%	18%	100%	92%			100%	100%	92%	100%	42%	42%	75%	92%			42%	56%		17%
	# of values between MDL and PQL			5	4		1					1		7	7	3	1				1	4	5

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Sample Location ID	Sample Date	Copper		Iron		Lead		Magnesium		Manganese		Mercury	Molybdenum		Nickel		Potassium		Selenium		Silicon	Silver	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RB1B (Roadhouse Bay-Mid Depth)																							
	05/26/05	0.522	0.337	10.0	10.0	0.050		849	744	1.03	0.459	0.000147	0.881	0.656	0.256		536	420	0.0775	0.0775	963	0.0031	0.0031
	06/15/05	0.516		11.9	3.1	0.0155	0.0814	853	546	1.09	0.304	0.000450	1.16	0.439	0.212		540	347	0.25	0.0775	893	0.0031	0.0031
	07/31/05	0.553		10.6	8.34	0.0155		834	831	1.97	0.801	0.000450	0.788	0.789	0.22		563	558	0.0775	0.0775	989	0.0031	0.0031
	08/14/05	0.591	0.577	25.6	7.62	0.0155		759	908	1.42	0.289	0.000450	0.657	0.752	0.245		503	606	0.0775	0.0775	1140	0.0031	0.0031
	09/28/05	0.557	0.529	23.0		0.0155		868	857	1.67	0.461	0.000450	0.759	0.748	0.295		589	545	0.0775	0.0775	1230	0.0031	0.0031
	10/13/05	0.516	0.478	20.5	12.7	0.0155		815	923	1.42	0.424	0.000450	0.711	0.787	0.279		533	601	0.0775	0.165	1430	0.0031	0.0031
	05/30/07	0.492	0.488	23.8	18.0	0.0155	0.0155	882	928	0.990	0.395	0.000169	0.873	0.895	0.100	0.100	612	582	0.155	0.155	1310	0.0031	0.0031
	06/12/07	0.593	0.520	21.9	16.0	0.050	0.050	844	990	0.986	0.512	0.000169	0.873	0.884	0.260	0.252	553	624	0.155	0.155	1320	0.0031	0.0031
	07/18/07	0.535	0.431	32.3	25.6	0.0155	0.0155	927	986	1.22	0.377	0.000169	0.887	0.876	0.250	0.402	603	617	0.155	0.155	1300	0.0031	0.0031
	08/20/07	0.569		10.0	10.0	0.564	0.0155	846	809	1.49	0.293	0.000169	0.817	0.796	0.183	0.200	568	538	0.155	0.155	1130	0.0031	0.0031
	09/21/07	0.649	0.594	44.8	16.4	0.050	0.0155	972	920	1.94	0.300	0.0025	1.02	0.944	0.100	0.215	695	641	0.155	0.155	1620	0.0031	0.0031
	10/09/07	0.564	0.492	24.9	10.0	0.0155	0.0155	868	899	1.47	0.409	0.000169	0.855	0.846	0.100	0.242	593	592	0.155	0.155	1370	0.0031	0.0031
	Mean	0.555	0.49	21.6	13	0.070	0.03	860	862	1.39	0.419	0.00048	0.860	0.784	0.21	0.235	574	556	0.131	0.124	1220	0.0031	0.0031
	Median	0.555	0.49	22.5	10	0.016	0.016	851	904	1.42	0.402	0.00031	0.860	0.793	0.23	0.229	566	587	0.155	0.155	1270	0.0031	0.0031
	St. Deviation	0.043	0.08	10.3	6	0.156	0.026	53	122	0.34	0.142	0.00065	0.13	0.134	0.07	0.098	50	88	0.054	0.041	210	0	0
	# of values	12	9	12	11	12	7	12	12	12	12	12	12	12	12	6	12	12	12	12	12	12	12
	Minimum	0.492	0.337	10.0	3.1	0.0155	0.0155	759	546	0.986	0.289	0.000147	0.657	0.439	0.1	0.1	503	347	0.0775	0.0775	893	0.0031	0.0031
	Maximum	0.649	0.594	44.8	25.6	0.564	0.0814	972	990	1.97	0.801	0.0025	1.16	0.944	0.295	0.402	695	641	0.25	0.165	1620	0.0031	0.0031
	% of values undetected			17%	36%	92%	86%					100%			25%	17%			100%	92%	100%	100%	100%
	# of values between MDL and PQL			2	6		1								1					1			
RB1C (Roadhouse Bay-Bottom)																							
	05/26/05	0.705	0.399	10.0	10.0	0.050		813	763	1.06	0.460		0.725	0.627	0.281		524	445	0.0775	0.0775	939	0.0031	0.0031
	06/15/05	0.673	0.471	37.5	3.10	0.0408	0.0822	881	553	1.21	0.218	0.000450	0.815	0.404	0.243		563	358	0.25	0.0775	872	0.0031	0.0031
	07/31/05	0.511	0.542	9.93	14.6	0.0155		843	856	1.28	0.545	0.000450	0.770	0.827	2.27	0.375	555	563	0.0775	0.0775	1010	0.0031	0.0031
	08/14/05	0.512	0.605	14.6	6.66	0.0155	0.119	757	873	1.24	0.239	0.00111	0.690	0.729	0.242		518	633	0.0775	0.0775	1180	0.0031	0.0031
	09/28/05	0.547	0.474	39.9	11.7	0.0155		883	887	2.34	0.556	0.000450	0.731	0.742	0.296		578	560	0.0775	0.0775	1330	0.0031	0.0031
	10/13/05	0.579	0.550	25.9		0.0155		826	884	1.61	0.632	0.000450	0.696	0.772	0.278		549	598	0.0775	0.0775	1390	0.0031	0.0031
	05/30/07	0.606	0.532	62.1	16.0	0.050	0.050	828	924	4.21	0.320	0.000169	0.701		0.100	0.100	547	584	0.155	0.155	1260	0.0031	0.0031
	06/12/07	0.582		20.5	15.5	0.0155	0.050	827	1010	0.940	0.466	0.000169	0.824	0.882	0.240	0.267	540	626	0.155	0.155	1270	0.0031	0.0031
	07/18/07	0.580	0.404	50.0	25.6	0.050	0.0155	945	987	2.19	0.332	0.000169	0.883	0.884	0.277	0.359	613	624	0.155	0.155	1280	0.0031	0.0031
	08/20/07	0.554	0.480	10.0	10.0	0.0312	0.0462	844	842	1.46	0.285	0.000169	0.818	0.844	0.219	0.198	565	553	0.155	0.155	1180	0.0031	0.0031
	09/21/07	0.547	0.534	36.8	18.1	0.0155	0.0155	861	972	1.68	0.334	0.0025	0.865	0.972	0.100	0.290	606	673	0.155	0.155	1690	0.0031	0.0031
	10/09/07	0.602	0.544	26.2	10.0	0.0155	0.0155	877	925	1.55	0.375	0.00115	0.848	0.841	0.100	0.218	597	602	0.155	0.155	1390	0.0031	0.0031
	Mean	0.583	0.503	28.6	12.8	0.0275	0.049	849	870	1.73	0.397	0.00066	0.781	0.775	0.390	0.260	563	568	0.13	0.116	1230	0.0031	0.0031
	Median	0.580	0.532	26.1	11.7	0.0155	0.048	844	890	1.51	0.355	0.00045	0.793	0.827	0.240	0.270	559	591	0.16	0.116	1270	0.0031	0.0031
	St. Deviation	0.058	0.064	17	6.1	0.0157	0.037	46	120	0.89	0.133	0.0007	0.07	0.154	0.6	0.1	31	87	0.054	0.04	220	0	0
	# of values	12	11	12	11	12	8	12	12	12	12	11	12	11	12	7	12	12	12	12	12	12	12
	Minimum	0.511	0.399	9.93	3.1	0.0155	0.0155	757	553	0.940	0.218	0.000169	0.690	0.404	0.100	0.100	518	358	0.0775	0.0775	872	0.0031	0.0031
	Maximum	0.705	0.605	62.1	25.6	0.050	0.119	945	1010	4.21	0.632	0.0025	0.883	0.972	2.27	0.375	613	673	0.25	0.155	1690	0.0031	0.0031
	% of values undetected			17%	36%	83%	63%					82%			25%	14%			100%	100%	100%	100%	100%
	# of values between MDL and PQL			2	6	2	2					2			1								

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
RB1B (Roadhouse Bay-Mid Depth)											
	05/26/05	1760	1580	0.0031	0.0031	0.031	0.0692	0.10	0.20	0.233	0.601
	06/15/05	1780	1150	0.0031	0.0031	0.031	0.031	0.10	0.272	8.18	0.75
	07/31/05	1740	1750	0.0031	0.0031	0.031	0.031	0.225	0.10	11.1	
	08/14/05	1430		0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	
	09/28/05	1780	1700	0.0031	0.0031	0.031	0.031	0.10	0.10	1.2	0.949
	10/13/05	1590	1760	0.0031	0.0031	0.031	0.031	0.10	0.20	0.75	1.51
	05/30/07	1640	1670	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	
	06/12/07	1580	1880	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.25
	07/18/07	1750	1810	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	08/20/07	1690	1620	0.0050	0.0050	0.050	0.050	0.155	0.155	2.03	3.01
	09/21/07	1720	1590	0.0050	0.0050	0.050	0.050	0.155	0.155	1.15	1.22
	10/09/07	1710	1710	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	Mean	1680	1660	0.0040	0.0040	0.040	0.040	0.138	0.159	2.00	1.10
	Median	1720	1700	0.0040	0.0040	0.040	0.050	0.155	0.155	1.00	0.90
	St. Deviation	100	190	0.001	0.001	0.01	0.01	0.039	0.049	4	0.8
	# of values	12	11	12	12	12	12	12	12	12	9
	Minimum	1430	1150	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.50
	Maximum	1780	1880	0.0050	0.0050	0.050	0.0692	0.225	0.272	11.1	3.01
	% of values undetected			100%	100%	100%	92%	92%	92%	58%	33%
	# of values between MDL and PQL						1	1	1	1	2
RB1C (Roadhouse Bay-Bottom)											
	05/26/05	1680	1610	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.233
	06/15/05	1830	1170	0.0031	0.0031	0.031	0.031	0.10	0.31	2.55	
	07/31/05	1740	1770	0.0031	0.0031	0.031	0.031	0.10	0.10	14.4	
	08/14/05	1410	1690	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	
	09/28/05	1800	1770	0.0031	0.0031	0.031	0.031	0.215	0.10	0.656	0.948
	10/13/05	1620	1800	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	1.57
	05/30/07	1560	1700	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.75
	06/12/07	1580	1870	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	07/18/07	1790	1830	0.0050	0.0050	0.050	0.050	0.155	0.155	1.05	0.50
	08/20/07	1690	1670	0.0050	0.0050	0.050	0.050	0.155	0.155	1.96	1.86
	09/21/07	1520	1700	0.0050	0.0050	0.050	0.050	0.155	0.155	1.96	1.30
	10/09/07	1740	1770	0.0050	0.0050	0.050	0.050	0.155	0.155	1.86	0.50
	Mean	1660	1700	0.0040	0.0040	0.040	0.040	0.14	0.15	2.2	1
	Median	1690	1740	0.0040	0.0040	0.040	0.040	0.16	0.16	0.90	0.9
	St. Deviation	130	180	0.001	0.001	0.01	0.01	0.037	0.06	3.9	0.6
	# of values	12	12	12	12	12	12	12	12	12	9
	Minimum	1410	1170	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.233
	Maximum	1830	1870	0.0050	0.0050	0.050	0.050	0.22	0.31	14.4	1.86
	% of values undetected			100%	100%	100%	100%	92%	92%	42%	44%
	# of values between MDL and PQL							1	1	1	1

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
UT1A (Upper Talarik-Mid Depth)																				
	05/26/05	17.5	44.0	22.5	0.5	0.785	15.0	0.080			0.0011		1.04	0.035	3.92	0.00125	0.00125	0.19		0.0155
	06/15/05	16.7	46.0	27.5	0.6	0.785	15.5	0.0455			0.0022		1.16	0.037	4.02	0.00125	0.00125	0.099		0.0155
	08/01/05	19.3	48.0	25.0	0.4	0.785	16.0	0.0875			0.00165		1.09	0.04	3.77	0.00125	0.00125	0.25		0.0155
	08/12/05	16.4	42.0	26.3	0.075	0.785	15.0	0.0715			0.010		1.12	0.04	3.81	0.00125	0.00125	0.26		0.0155
	08/14/05																			
	10/13/05	18.1	44.0	28.8	0.0765	0.785	17.0	0.078			0.0057		1.08	0.06	4.14	0.00125	0.00125	0.12		0.050
	05/30/07	18.9	45.0	25.0	0.1625	1.57	15.0	0.0665			0.0261		1.12	0.0610	4.16	0.00075	0.00075	0.155		0.0155
	06/12/07	17.7	44.5	27.5	0.600	1.57	16.0	0.168			0.00155		1.05	0.0820	4.17	0.00075	0.00075	0.155	1.01	0.0355
	07/18/07	18.3	45.0	25.0	0.235	1.57	15.7	0.050			0.0050		1.10	0.0520	3.68	0.00075	0.00075	0.155		0.0155
	08/20/07	17.3	47.0	23.8	0.309	1.57	16.0	0.176			0.0060		0.825	0.0360	3.88	0.00075	0.00075	0.155		0.0155
	10/09/07	19.8	46.0	25.0	0.333	1.57	15.8	0.125			0.00155		0.968	0.0420	3.68	0.00075	0.00075	0.40	0.619	0.0155
	Mean	18.0	45.0	25.6	0.33	1.18	16.0	0.095	NA	NA	0.0060	NA	1.06	0.049	3.92	0.0010	0.0010	0.19	0.81	0.021
	Median	17.9	45.0	25.0	0.32	1.18	16.0	0.079	NA	NA	0.0040	NA	1.09	0.041	3.90	0.0010	0.0010	0.16	0.81	0.016
	St. Deviation	1.1	2	1.9	0.2	0.41	1	0.046	NA	NA	0.008	NA	0.1	0.015	0.19	0.0003	0.0003	0.09	0.28	0.012
	# of values	10	10	10	10	10	10	10	0	0	10	0	10	10	10	10	10	10	2	10
	Minimum	16.4	42.0	22.5	0.075	0.785	15.0	0.0455	NA	NA	0.0011	NA	0.825	0.035	3.68	0.00075	0.00075	0.099	0.619	0.0155
	Maximum	19.8	48.0	28.8	0.6	1.57	17.0	0.176	NA	NA	0.0261	NA	1.16	0.082	4.17	0.00125	0.00125	0.4	1.01	0.050
	% of values undetected				30%	100%		10%			70%					100%	100%	40%		90%
	# of values between MDL and PQL				5		1	6			2			10				6		1
UT1B (Upper Talarik - Mid Depth)																				
	05/26/05	17.6	45.5	23.8	0.500	0.785	14.5	0.090			0.0028		1.07	0.037	3.96	0.00125	0.00125	0.17		0.0155
	06/15/05	18.4	45.0	27.5	0.600	0.785	16.0	0.065			0.00155		1.17	0.038	4.01	0.00125	0.0040	0.15		0.0155
	08/01/05	18.2	45.5	20.0	0.521	0.785	15.0	0.91			0.70		1.12	0.039	4.08	0.00125	0.00125	0.26		0.0155
	08/12/05	18.3	44.0	32.5	0.075	0.785	16.0	0.0155			0.010		1.10	0.036	3.77	0.00125	0.00125	0.26		0.0155
	08/14/05																			
	10/13/05	18.4	45.0	27.5	0.0775	0.785	16.0	0.116			0.0057		1.07	0.073	4.15	0.00125	0.00125	0.16		0.050
	05/30/07	18.2	45.0	27.5	0.163	1.57	15.2	0.0795			0.0124		1.10	0.0510	3.84	0.00075	0.00075	0.155		0.0155
	06/12/07	19.5	44.0	30.0	0.250	1.57	15.0	0.181			0.0050		1.07	0.0850	4.20	0.00075	0.00075	0.155	1.01	0.050
	07/18/07	19.3	46.0	27.5	0.345	1.57	15.9	0.050			0.105		1.06	0.0500	3.68	0.00075	0.00075	0.155		0.0155
	08/20/07	19.0	47.0	18.8	0.538	1.57	16.0	0.133			0.00155		0.825	0.0340	3.96	0.00075	0.00075	0.155		0.0155
	10/09/07	19.7	45.0	52.5	0.211	1.57	15.8	0.108			0.00155		0.542	0.0420	2.17	0.00075	0.00075	0.53	0.617	0.0155
	Mean	18.7	45.0	28.8	0.328	1.18	16.0	0.175	NA	NA	0.080	NA	1.01	0.049	3.78	0.0010	0.0013	0.22	0.81	0.022
	Median	18.4	45.0	27.5	0.298	1.18	16.0	0.099	NA	NA	0.010	NA	1.07	0.041	3.96	0.0010	0.0010	0.16	0.81	0.016
	St. Deviation	0.7	1	9.3	0.2	0.41	1	0.262	NA	NA	0.22	NA	0.19	0.017	0.59	0.0003	0.001	0.12	0.28	0.015
	# of values	10	10	10	10	10	10	10	0	0	10	0	10	10	10	10	10	10	2	10
	Minimum	17.6	44.0	18.8	0.075	0.785	14.5	0.0155	NA	NA	0.00155	NA	0.542	0.034	2.17	0.00075	0.00075	0.15	0.617	0.016
	Maximum	19.7	47.0	52.5	0.600	1.57	16.0	0.91	NA	NA	0.70	NA	1.17	0.085	4.20	0.00125	0.0040	0.53	1.01	0.050
	% of values undetected				40%	100%		20%			50%					100%	90%	40%		100%
	# of values between MDL and PQL				2		1	3			2			10			1	6		

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Sample Location ID	Sample Date	Aluminum		Antimony		Arsenic		Barium		Beryllium		Bismuth		Boron		Cadmium		Calcium		Chromium		Cobalt	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
UT1A (Upper Talarik-Mid Depth)																							
	05/26/05	10.4		0.0274	0.0284	0.125	0.125	5.13		0.0075	0.0075	0.00155	0.00155	1.55		0.0286	0.0498	5630	5480	0.290	0.337	0.0156	
	06/15/05	4.90	1.00	0.0366	0.0364	0.403	0.125	5.45	5.35	0.0075	0.0075	0.0218	0.00155	1.55	1.55	0.025	0.025	5370	5830	0.302	0.333	0.0190	0.0138
	08/01/05	8.64	2.85	0.0214	0.0312	0.354	0.461	5.10	4.97	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	6240	6110	0.100	0.100	0.0184	0.0176
	08/12/05	4.32	2.35	0.0146	0.0120	0.125	0.25	4.82	4.98	0.0075	0.0075	0.00155	0.00155	5.0	1.55	0.00775	0.00775	5380	5370	0.156	0.031	0.0216	0.0260
	08/14/05																						
	10/13/05	4.76	2.7	0.0284	0.0348	0.511	0.25	5.06	5.35	0.0075	0.0075	0.00155	0.00155	5.0	1.55	0.00775	0.00775	5900	5900	0.340	0.51	0.0308	0.0258
	05/30/07	2.54	1.00	0.0504	0.0250	0.155	0.155	5.78	6.62	0.0125	0.0125	0.0075	0.0075	3.10	4.02	0.0075	0.0075	6120	6550	0.361	0.100	0.0112	0.0120
	06/12/07	6.38	2.61	0.0344	0.0448	0.155	0.155	5.32	5.97	0.0125	0.0125	0.0075	0.0075	3.19	3.81	0.0075	0.0075	5670	6430	0.100	0.100	0.0104	0.0154
	07/18/07	2.21	1.00	0.0250	0.0250	0.155	0.155	5.31	5.69	0.0125	0.0125	0.0075	0.0075	4.55	4.44	0.0075	0.0075	5980	6320	0.194	0.340	0.0100	0.0100
	08/20/07	11.4	4.61	0.0208	0.0380	0.155	0.155	5.67	6.90	0.0125	0.0125	0.0075	0.0075	3.67	3.94	0.0075	0.0075	5650	6850	0.100		0.0120	0.0142
	10/09/07	5.70	1.00	0.0268	0.0284	0.155	0.155	5.74	5.69	0.0125	0.0125	0.0075	0.0075	3.35	3.34	0.0075	0.0075	6510	6360	0.050	0.100	0.0104	0.0050
	Mean	6.10	0	0.0286	0.0304	0.229	0.199	5.34	5.72	0.010	0.010	0.0070	0.0045	3.60	3.2	0.011	0.014	5850	6120	0.200	0.220	0.0159	0.0160
	Median	5.30	0	0.0271	0.0298	0.155	0.155	5.32	5.69	0.010	0.010	0.0080	0.0045	3.51	3.80	0.0080	0.0080	5790	6220	0.180	0.100	0.0138	0.0140
	St. Deviation	3.1	0	0.01	0.009	0.139	0.102	0.32	0.68	0.003	0.003	0.006	0.0031	1.32	1.3	0.008	0.014	370	470	0.11	0.17	0.0067	0.007
	# of values	10	9	10	10	10	10	10	9	10	10	10	10	10	9	10	10	10	10	10	9	10	9
	Minimum	2.21	1.00	0.0146	0.0120	0.125	0.125	4.82	4.97	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.0075	0.0075	5370	5370	0.050	0.031	0.0100	0.0050
	Maximum	11.4	4.61	0.0504	0.0448	0.511	0.461	5.78	6.90	0.0125	0.0125	0.0218	0.0075	5.00	5	0.0286	0.0498	6510	6850	0.361	0.51	0.0308	0.0260
	% of values undetected		44%	10%	20%	70%	90%			100%	100%	90%	100%	50%	44%	90%	90%			40%	56%	10%	22%
	# of values between MDL and PQL			3	3	2	1							5	5	1	1			2		4	3
UT1B (Upper Talarik - Mid Depth)																							
	05/26/05	9.33	2.93	0.0260	0.0300	0.28	0.125	5.08	4.95	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.0248	0.00775	5640	4920	0.318	0.121	0.0122	0.0088
	06/15/05	3.65	0.31	0.0390	0.0186	0.125	0.125	5.85	3.34	0.0075	0.0075	0.0044	0.00155	1.55	1.55	0.00775	0.00775	5920	3950	0.308	0.100	0.0198	0.00155
	08/01/05	5.72	2.42	0.0276	0.0326	0.125	0.264	5.03	4.81	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	5850	5670	0.100	0.100	0.0110	0.0120
	08/12/05	4.57	2.60	0.0194	0.0140	0.25	0.125	5.41	4.65	0.0075	0.0075	0.00155	0.00155	5.0	1.55	0.00775	0.00775	5970	5210	0.144	0.031	0.0224	0.0216
	08/14/05																						
	10/13/05	5.24	2.80	0.0344	0.0316	0.125	0.125	5.16	5.56	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	6010	6180	0.303		0.0294	0.0214
	05/30/07	2.82	1.00	0.0250	0.0576	0.155	0.155	5.55	6.45	0.0125	0.0125	0.0075	0.0075	3.08	4.09	0.0075	0.0075	5890	6340	0.454	0.394	0.0050	0.0122
	06/12/07	6.60	2.80	0.0386	0.0412	0.155	0.155	5.78	5.99	0.0125	0.0125	0.0075	0.0075	3.47	3.61	0.0075	0.0075	6300	6350	0.213	0.050	0.0128	0.0148
	07/18/07	2.86	1.00	0.0250	0.0250	0.155	0.155	5.65	5.98	0.0125	0.0125	0.0075	0.0075	4.62	5.28	0.0075	0.0075	6240	6390	0.050	0.050	0.0100	0.0100
	08/20/07	15.6	3.63	0.0246	0.0222	0.310	0.313	6.28	5.64	0.0125	0.0125	0.0075	0.0075	4.02	3.63	0.0075	0.0075	6210	5890	0.261	0.100	0.0134	0.0050
	10/09/07	6.17	2.47	0.0302	0.0284	0.155	0.155	5.73	5.85	0.0125	0.0125	0.0075	0.0075	3.35	3.55	0.0075	0.0075	6450	6150	0.050	0.249	0.0118	0.0102
	Mean	6.30	2.20	0.0290	0.0301	0.184	0.170	5.55	5.32	0.010	0.010	0.0048	0.0045	3.66	3.48	0.0090	0.0076	6050	5710	0.220	0.100	0.0148	0.0118
	Median	5.50	2.50	0.0268	0.0292	0.155	0.155	5.60	5.60	0.010	0.010	0.0060	0.0045	3.75	3.62	0.0080	0.0076	5990	6020	0.237	0.100	0.0125	0.0111
	St. Deviation	3.8	1.1	0.0065	0.0123	0.069	0.065	0.39	0.9	0.003	0.003	0.003	0.0031	1.33	1.47	0.005	0.0001	250	800	0.133	0.1	0.0071	0.0064
	# of values	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10
	Minimum	2.82	0.31	0.0194	0.0140	0.125	0.125	5.03	3.34	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.0075	0.0075	5640	3950	0.050	0.031	0.0050	0.00155
	Maximum	15.6	3.63	0.0390	0.0576	0.31	0.313	6.28	6.45	0.0125	0.0125	0.0075	0.0075	5.00	5.28	0.0248	0.00775	6450	6390	0.454	0.394	0.0294	0.0216
	% of values undetected		30%	20%	10%	80%	80%			100%	100%	90%	100%	50%	50%	90%	100%			30%	67%	20%	30%
	# of values between MDL and PQL			3	3	2	2					1		5	4	1				1	1	3	4

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Sample Location ID	Sample Date	Copper		Iron		Lead		Magnesium		Manganese		Mercury	Molybdenum		Nickel		Potassium		Selenium		Silicon	Silver	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
UT1A (Upper Talarik-Mid Depth)																							
	05/26/05	0.523	0.590	10.0	10.0	0.050		843	813	1.12	0.767		0.684	0.581	0.278		527	465	0.0775	0.0775	1020	0.0031	0.0031
	06/15/05	0.466	0.378	8.01	6.45	0.0155	0.126	799	848	0.877	0.351	0.000450	1.11	0.733	0.231		542	556	0.25	0.0775	860	0.0031	0.0031
	08/01/05	0.423		23.6	8.53	0.0155		896	932	2.48	1.29	0.000450	0.711	0.708	0.209		534	536	0.0775	0.0775	1080	0.0031	0.0031
	08/12/05	0.537	0.443	7.93	3.10	0.0155		724	765	0.674	0.437		0.639	0.626	0.228		470	488	0.0775	0.0775	878	0.0031	0.0031
	08/14/05											0.000450											
	10/13/05	0.429	0.331	6.80	11	0.0155		816	878	1.20	0.100	0.000450	0.638	0.744	0.272		510	567	0.0775	0.0775	1010	0.0031	0.0031
	05/30/07	0.483	0.516	15.0	15.1	0.0155	0.050	872	995	0.810	0.516	0.000169	0.822	0.837	0.100	0.226	562	598	0.155	0.155	1050	0.0031	0.0031
	06/12/07	0.433	0.458	17.6	16.4	0.0155	0.0155	862	1050	1.05	0.596	0.000169	0.778	0.846	0.202	0.310	501	581	0.155	0.155	1280	0.0031	0.0031
	07/18/07	0.456		10.0	20.8	0.0155	0.050	827	876	0.809	0.302	0.000169	0.758	0.814	0.234		525	569	0.155	0.155	1070	0.0062	0.0031
	08/20/07	0.471		10.0	10.0	0.0155		772	889	1.25	0.256	0.000169	0.788	0.901	0.160	0.185	509	612	0.155	0.155	1380	0.0031	0.0031
	10/09/07	0.437	0.415	10.0	10.0	0.0155	0.0386	858	884	1.53	0.125	0.000169	0.812	0.780	0.100	0.225	575	558	0.155	0.155	1010	0.0031	0.0031
	Mean	0.466	0.447	12.0	11.0	0.019	0.060	827	890	1.18	0.470	0.00029	0.770	0.757	0.201	0.237	526	553	0.13	0.12	1060	0.0034	0.0031
	Median	0.461	0.443	10.0	10.0	0.0155	0.050	835	880	1.09	0.390	0.00017	0.770	0.762	0.219	0.226	526	563	0.16	0.12	1040	0.0031	0.0031
	St. Deviation	0.039	0.086	5	5	0.0109	0.04	51	80	0.52	0.35	0.000148	0.14	0.1	0.063	0.053	30	46	0.056	0.041	160	0.001	0
	# of values	10	7	10	10	10	5	10	10	10	10	9	10	10	10	4	10	10	10	10	10	10	10
	Minimum	0.423	0.331	6.80	3.10	0.0155	0.0155	724	765	0.674	0.100	0.000169	0.638	0.581	0.100	0.185	470	465	0.0775	0.0775	860	0.0031	0.0031
	Maximum	0.537	0.59	23.6	20.8	0.05	0.126	896	1050	2.48	1.29	0.0004495	1.11	0.901	0.278	0.31	575	612	0.25	0.155	1380	0.0062	0.0031
	% of values undetected			40%	40%	100%	60%				10%	100%			20%				100%	100%		90%	100%
	# of values between MDL and PQL			5	5		1								1	1						1	
UT1B (Upper Talarik - Mid Depth)																							
	05/26/05	0.543	0.389	10.0	10.0	0.050	0.050	856	821	0.959	0.457	0.000406	0.674	0.605	0.269	0.227	532	448	0.0775	0.0775	950	0.0031	0.0031
	06/15/05	0.456	0.388	11.9	3.1	0.0155	0.0822	889	561	0.894	0.196	0.000450	0.764	0.415	0.224		570	361	0.0775	0.0775	823	0.0031	0.0031
	08/01/05	0.448	0.328	8.2	3.1	0.0155		878	820	1.11	0.293	0.000450	0.747	0.707	0.192		557	527	0.0775	0.0775	855	0.0031	0.0031
	08/12/05	0.541	0.447	13.1	3.1	0.0155		822	746	1.45	0.484		0.680	0.571	0.249		515	469	0.0775	0.0775	989	0.0031	0.0031
	08/14/05											0.000450											
	10/13/05	0.514	0.412	14.9	11.1	0.0155		827	889	1.29	0.100	0.000450	0.674	0.700	0.283		524	582	0.0775	0.0775	948	0.0031	0.0031
	05/30/07	0.481	0.572	15.3	15.7	0.050		839	981	0.771	0.506	0.000169	0.809	0.797	0.100		546	587	0.155	0.155	1000	0.0070	0.0092
	06/12/07	0.496	0.521	18.7	15.7	0.0155	0.050	918	1040	1.16	0.623	0.000169	0.825	0.878	0.222	0.304	555	571	0.155	0.155	1320	0.0031	0.0031
	07/18/07	0.548	0.419	25.4	23.5	0.0155	0.0155	895	965	0.911	0.402	0.000169	0.799	0.806	0.241	0.424	579	602	0.155	0.155	1110	0.0031	0.0031
	08/20/07	0.667	0.369	10.0	3.10	0.0155	0.0155	849	765	1.36	0.188	0.000169	0.850	0.781	0.191	0.169	557	525	0.155	0.155	1160	0.0031	0.0031
	10/09/07	0.514	0.417	10.0	10.0	0.0155	0.0155	871	862	1.55	0.132	0.000169	0.803	0.787	0.100	0.257	569	557	0.155	0.155	1020	0.0031	0.0031
	Mean	0.521	0.426	13.8	10.0	0.0224	0.038	864	850	1.15	0.338	0.000305	0.763	0.705	0.207	0.276	550	523	0.12	0.12	1020	0.0035	0.0037
	Median	0.514	0.415	12.5	10.0	0.0155	0.033	864	840	1.14	0.348	0.000288	0.782	0.744	0.223	0.257	556	542	0.12	0.12	990	0.0031	0.0031
	St. Deviation	0.062	0.072	5.2	7	0.0145	0.027	31	140	0.26	0.18	0.000144	0.066	0.139	0.064	0.096	21	76	0.041	0.041	150	0.0012	0.0019
	# of values	10	10	10	10	10	6	10	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10
	Minimum	0.448	0.328	8.2	3.1	0.0155	0.0155	822	561	0.771	0.100	0.000169	0.674	0.415	0.100	0.169	515	361	0.0775	0.0775	823	0.0031	0.0031
	Maximum	0.667	0.572	25.4	23.5	0.05	0.0822	918	1040	1.55	0.623	0.000450	0.850	0.878	0.283	0.424	579	602	0.16	0.16	1320	0.0070	0.0092
	% of values undetected			30%	60%	100%	83%				10%	90%			20%				100%	100%		90%	90%
	# of values between MDL and PQL			6	3		1								1	1						1	1

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
UT1A (Upper Talarik-Mid Depth)											
	05/26/05	1690	1660	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.233
	06/15/05	1650	1780	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	
	08/01/05	1790	1930	0.0031	0.0031	0.031	0.031	0.247	0.10	13.4	14.1
	08/12/05	1440	1540	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	08/14/05										
	10/13/05	1640	1810	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	2.08
	05/30/07	1730	1890	0.0050	0.0050	0.050	0.050	0.155	0.155	2.60	
	06/12/07	1710	1990	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.41
	07/18/07	1680	1770	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.35
	08/20/07	1470	1690	0.0050	0.0050	0.050	0.050	0.155	0.155	2.51	3.87
	10/09/07	1760	1730	0.0050	0.0050	0.050	0.050	0.155	0.155	1.33	1.33
	Mean	1660	1780	0.0040	0.0040	0.040	0.040	0.14	0.13	2.00	3.10
	Median	1690	1780	0.0040	0.0040	0.040	0.040	0.16	0.13	1.00	1.40
	St. Deviation	120	130	0.001	0.001	0.01	0.01	0.046	0.03	4	4.6
	# of values	10	10	10	10	10	10	10	10	10	8
	Minimum	1440	1540	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.233
	Maximum	1790	1990	0.0050	0.0050	0.050	0.050	0.25	0.16	13.4	
	% of values undetected			100%	100%	100%	100%	90%	100%	60%	25%
	# of values between MDL and PQL							1			
UT1B (Upper Talarik - Mid Depth)											
	05/26/05	1750	1660	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.233
	06/15/05	1840	1170	0.0031	0.0031	0.031	0.031	0.10	0.10	11.0	8.84
	08/01/05	1810	1700	0.0031	0.0031	0.031	0.031	0.10	0.262	4.57	
	08/12/05	1610	1500	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	08/14/05										
	10/13/05	1670	1820	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	1.75
	05/30/07	1680	1850	0.0050	0.0050	0.050	0.050	0.155	0.155	1.66	
	06/12/07	1850	1980	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	
	07/18/07	2090	2230	0.0050	0.0050	0.050	0.123	0.155	0.155	6.66	6.89
	08/20/07	1600	1460	0.0050	0.0050	0.050	0.050	0.155	0.155	1.35	1.42
	10/09/07	1780	1680	0.0050	0.0050	0.050	0.050	0.155	0.155	1.50	0.50
	Mean	1770	1710	0.0040	0.0040	0.040	0.050	0.13	0.14	2.80	2.90
	Median	1770	1690	0.0040	0.0040	0.040	0.040	0.13	0.16	1.40	1.40
	St. Deviation	140	290	0.001	0.001	0.01	0.03	0.03	0.05	3.5	3.5
	# of values	10	10	10	10	10	10	10	10	10	7
	Minimum	1600	1170	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.233
	Maximum	2090	2230	0.0050	0.0050	0.050	0.123	0.16	0.26	11.0	8.84
	% of values undetected			100%	100%	100%	90%	100%	90%	40%	43%
	# of values between MDL and PQL						1		1		

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Sample Location ID	Sample Date	Hardness	Conductivity	Total Dissolved Solids	Total Suspended Solids	Acidity	Alkalinity	Nitrate & Nitrite	Nitrite	Nitrate	Phosphorus	Orthophosphate	Chloride	Fluoride	Sulfate	Total Cyanide	Cyanide WAD	Thiocyanate	TOC	Ammonia
		mg/L	umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
UT1C (Upper Talarik - Bottom)																				
	05/26/05	18.4	45.5	20.0	0.30	0.785	14.5	0.080			0.0011		1.06	0.036	3.94	0.00125	0.00125	0.25		0.0155
	06/15/05	18.0	45.5	13.8	0.90	0.785	15.0	0.0485			0.0035		1.16	0.042	3.95	0.00125	0.00125	0.22		0.0155
	08/01/05	18.0	43.5	26.3	1.00	0.785	15.0	0.079			0.170		1.13	0.038	3.89	0.00125	0.00125	0.25		0.0155
	08/12/05	17.2	43.0	20.0	0.075	0.785	15.5	0.0155			0.010		1.11	0.043	3.86	0.00125	0.00125	0.26		0.0155
	08/14/05																			
	10/13/05	18.7	45.0	38.8	0.08	0.785	16.0	0.0635			0.0057		1.08	0.067	4.13	0.00125	0.00125	0.17		0.050
	05/30/07	18.2	45.0	23.8	1.09	1.57	14.0	0.0620			0.0139		1.10	0.0600	3.87	0.00075	0.00075	0.155		0.0155
	06/12/07	19.6	44.0	27.5	0.250	1.57	17.0	0.0680			0.0050		1.06	0.0890	4.19	0.00075	0.00075	0.155	0.980	0.050
	07/18/07	20.0	45.0	23.8	0.086	1.57	15.3	0.050			0.0201		1.05	0.0550	3.67	0.00075	0.00075	0.155		0.0155
	08/20/07	16.5	48.5	25.0	0.215	1.57	16.0	0.0905			0.0067		0.810	0.0380	5.74	0.00075	0.00075	0.155		0.0155
	10/09/07	18.7	46.5	28.8	0.326	1.57	16.4	0.120			0.00155		0.868	0.0400	3.24	0.00075	0.00075	0.48	0.816	0.0155
	Mean	18.3	45.0	24.8	0.40	1.18	15.0	0.070	NA	NA	0.020	NA	1.04	0.051	4.05	0.0010	0.0010	0.23	0.9	0.022
	Median	18.3	45.0	24.4	0.30	1.18	15.0	0.070	NA	NA	0.010	NA	1.07	0.043	3.92	0.0010	0.0010	0.20	0.9	0.016
	St. Deviation	1	2	6.6	0.4	0.41	1	0.03	NA	NA	0.05	NA	0.11	0.017	0.65	0.0003	0.0003	0.10	0.12	0.015
	# of values	10	10	10	10	10	10	10	0	0	10	0	10	10	10	10	10	10	2	10
	Minimum	16.5	43.0	13.8	0.075	0.785	14.0	0.0155	NA	NA	0.0011	NA	0.81	0.036	3.24	0.00075	0.00075	0.155	0.816	0.016
	Maximum	20.0	48.5	38.8	1.09	1.57	17.0	0.120	NA	NA	0.170	NA	1.16	0.089	5.74	0.00125	0.00125	0.48	0.98	0.050
	% of values undetected				40%	100%		20%			40%					100%	100%	40%		100%
	# of values between MDL and PQL				3		1	7			3			10				6		

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Sample Location ID	Sample Date	Aluminum		Antimony		Arsenic		Barium		Beryllium		Bismuth		Boron		Cadmium		Calcium		Chromium		Cobalt	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
UT1C (Upper Talarik - Bottom)																							
	05/26/05	8.95	2.33	0.0312	0.0316	0.125	0.125	5.10	5.03	0.0075	0.0075	0.0052	0.00155	1.55	1.55	0.00775	0.00775	5940	4960	0.391	0.131	0.0150	0.0114
	06/15/05	3.42	0.31	0.0356	0.0166	0.125	0.125	5.56	3.26	0.0075	0.0075	0.0050	0.00155	1.55	1.55	0.00775	0.00775	5760	3920	0.346	0.100	0.0108	0.00155
	08/01/05	3.93	2.98	0.0240	0.0296	0.125	0.125	5.08	4.86	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	5820	5680	0.100	0.100	0.0120	0.0138
	08/12/05	4.01	1.00	0.0140	0.0066	0.125	0.125	5.19	4.65	0.0075	0.0075	0.00155	0.00155	5.0	1.55	0.00775	0.00775	5610	5140	0.089	0.031	0.0208	0.0202
	08/14/05																						
	10/13/05	6.03	2.15	0.0284	0.0326	0.25	0.125	5.46	5.44	0.0075	0.0075	0.00155	0.00155	5.0	5.0	0.00775	0.00775	6110	5910	0.344	0.538	0.0266	0.0212
	05/30/07	2.93		0.0250		0.155	0.155	5.57	6.46	0.0125	0.0125	0.0075	0.0075	2.97	3.90	0.0075	0.0075	5910	6250	0.050	0.100	0.0104	0.0174
	06/12/07	5.04	1.00	0.0402	0.0332	0.155	0.155	6.03	5.13	0.0125	0.0125	0.0075	0.0075	3.80	3.23	0.0075	0.0075	6310	5400	0.100	0.050	0.0128	0.0116
	07/18/07	2.85	1.00	0.0250	0.0250	0.155	0.155	5.92	5.85	0.0125	0.0125	0.0075	0.0075	4.45	4.30	0.0075	0.0075	6500	6300	0.050	0.050	0.0100	0.0100
	08/20/07	13.0	4.59	0.0180	0.0398	0.155	0.155	5.47		0.0125	0.0125	0.0075	0.0075	3.36	3.92	0.0075	0.0075	5420		0.100	0.240	0.0120	0.0164
	10/09/07	10.1	3.28	0.0262	0.0348	0.155	0.155	5.23	5.75	0.0125	0.0125	0.0075	0.0075	3.05	3.29	0.0075	0.0075	6100	6640	0.100	0.100	0.0140	0.0106
	Mean	6.00	2.07	0.027	0.028	0.153	0.140	5.46	5.16	0.010	0.010	0.0052	0.0045	3.57	3.33	0.0076	0.0076	5950	5580	0.170	0.140	0.0140	0.0134
	Median	4.50	2.15	0.026	0.032	0.155	0.140	5.47	5.13	0.010	0.010	0.0064	0.0045	3.58	3.60	0.0076	0.0076	5930	5680	0.100	0.100	0.0120	0.0127
	St. Deviation	3.5	1.38	0.008	0.01	0.037	0.016	0.33	0.91	0.003	0.003	0.0027	0.0031	1.32	1.36	0.0001	0.0001	320	830	0.14	0.15	0.005	0.0058
	# of values	10	9	10	9	10	10	10	9	10	10	10	10	10	10	10	10	10	9	10	10	10	10
	Minimum	2.85	0.31	0.014	0.0066	0.125	0.125	5.08	3.26	0.0075	0.0075	0.00155	0.00155	1.55	1.55	0.0075	0.0075	5420	3920	0.050	0.031	0.0100	0.00155
	Maximum	13.0	4.59	0.0402	0.0398	0.250	0.155	6.03	6.46	0.0125	0.0125	0.0075	0.0075	5.00	5.00	0.00775	0.00775	6500	6640	0.391	0.538	0.0266	0.0212
	% of values undetected		44%	20%	11%	100%	100%			100%	100%	80%	100%	50%	50%	100%	100%			60%	70%	10%	20%
	# of values between MDL and PQL			3	4							2		5	5					1	1	4	4

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Sample Location ID	Sample Date	Copper		Iron		Lead		Magnesium		Manganese		Mercury	Molybdenum		Nickel		Potassium		Selenium		Silicon	Silver	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
UT1C (Upper Talarik - Bottom)																							
	05/26/05	0.501	0.355	10.0	10.0	0.0155	0.050	866	822	0.892	0.386		0.783	0.609	0.279	0.234	539	456	0.0775	0.0775	962	0.0031	0.0031
	06/15/05	0.541	0.366	11.7	3.1	0.0155	0.0818	887	552	0.963	0.129	0.000450	0.736	0.395	0.207	0.272	566	352	0.0775	0.0775	797	0.0031	0.0031
	08/01/05	0.700	0.354	7.13	3.1	0.0155	0.123	843	816	1.04	0.155	0.00250	0.731	0.701	0.206		551	542	0.0775	0.0775	826	0.0031	0.0031
	08/12/05	0.468	0.402	3.1	3.1	0.0155		766	722	0.925	0.219		0.627	0.608	0.219		488	468	0.0775	0.0775	890	0.0031	0.0031
	08/14/05											0.000450											
	10/13/05	0.473	0.448	10.8	9.54	0.0155		833	878	1.26	0.100	0.000450	0.666	0.729	0.281		534	589	0.0775	0.0775	1000	0.0031	0.0031
	05/30/07	0.445		16.7	16.9	0.0155	0.050	850	965	0.979	0.619	0.000169	0.780	0.813	0.100		543	577	0.155	0.155	1010	0.0031	0.0031
	06/12/07	0.516	0.395	17.2	11.9	0.0155	0.0155	942	862	1.05	0.427	0.000169	0.861	0.749	0.244	0.250	560	486	0.155	0.155	1130	0.0031	0.0031
	07/18/07	0.471	0.464	23.2	22.4	0.0155	0.0155	921		0.956	0.364	0.000169	0.822	0.801	0.202		593	600	0.155	0.155	1090	0.0031	0.0031
	08/20/07	0.469	0.540	10.0	10.0	0.0155	0.0430	726		1.20	0.300	0.000169	0.740		0.162	0.283	489		0.155	0.155	1390	0.0031	0.0031
	10/09/07	0.448	0.438	25.7	10.0	0.0155	0.0380	831	955	2.05	0.491	0.000402	0.732	0.766	0.100	0.284	517	574	0.155	0.155	1260	0.0031	0.0031
	Mean	0.503	0.420	13.6	10.0	0.0155	0.050	847	822	1.13	0.319	0.00055	0.748	0.686	0.200	0.265	538	516	0.116	0.116	1040	0.0031	0.0031
	Median	0.472	0.400	11.3	10.0	0.0155	0.050	847	842	1.01	0.332	0.00040	0.738	0.729	0.207	0.272	541	542	0.116	0.116	1010	0.0031	0.0031
	St. Deviation	0.075	0.06	7.1	6	0	0.04	65	134	0.34	0.17	0.00074	0.069	0.132	0.064	0.022	33	82	0.041	0.041	190	0	0
	# of values	10	9	10	10	10	8	10	8	10	10	9	10	9	10	5	10	9	10	10	10	10	10
	Minimum	0.445	0.354	3.1	3.1	0.0155	0.0155	726	552	0.892	0.100	0.00017	0.627	0.395	0.100	0.234	488	352	0.0775	0.0775	797	0.0031	0.0031
	Maximum	0.700	0.54	25.7	22.4	0.0155	0.123	942	965	2.05	0.619	0.0025	0.861	0.813	0.281	0.284	593	600	0.155	0.155	1390	0.0031	0.0031
	% of values undetected			30%	60%	100%	50%				10%	89%			20%				100%	100%		100%	100%
	# of values between MDL and PQL			5	3		3				2	1			1								

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		Sodium		Thallium		Tin		Vanadium		Zinc	
Sample Location ID	Sample Date	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
UT1C (Upper Talarik - Bottom)											
	05/26/05	1670	1670	0.0031	0.0031	0.031	0.031	0.10	0.10	0.233	0.233
	06/15/05	1840	1130	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	
	08/01/05	1790	1770	0.0031	0.0031	0.031	0.031	0.10	0.10	15.2	12.9
	08/12/05	1500	1470	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	08/14/05										
	10/13/05	1670	1830	0.0031	0.0031	0.031	0.031	0.10	0.10	0.75	0.75
	05/30/07	1680	1830	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	
	06/12/07	1930	1680	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	07/18/07	1830	1840	0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	0.50
	08/20/07	1340		0.0050	0.0050	0.050	0.050	0.155	0.155	0.50	1.64
	10/09/07	1690	1840	0.0050	0.0050	0.050	0.050	0.155	0.155	1.28	0.50
	Mean	1690	1670	0.0041	0.0041	0.041	0.041	0.13	0.13	2.10	2.22
	Median	1690	1770	0.0041	0.0041	0.041	0.041	0.13	0.13	0.630	0.630
	St. Deviation	170	240	0.001	0.001	0.01	0.01	0.03	0.03	4.61	4.34
	# of values	10	9	10	10	10	10	10	10	10	8
	Minimum	1340	1130	0.0031	0.0031	0.031	0.031	0.10	0.10	0.2325	0.233
	Maximum	1930	1840	0.0050	0.0050	0.050	0.050	0.16	0.16	15.2	12.9
	% of values undetected			100%	100%	100%	100%	100%	100%	80%	75%
	# of values between MDL and PQL										

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Sample Location ID	Sample Date	Hardness mg/L	Conductivity umhos/cm	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Acidity mg/L	Alkalinity mg/L	Nitrate & Nitrite mg/L	Nitrite mg/L	Nitrate mg/L	Phosphorus mg/L	Orthophosphate mg/L	Chloride mg/L	Fluoride mg/L	Sulfate mg/L	Total Cyanide mg/L	Cyanide WAD mg/L	Thiocyanate mg/L	TOC mg/L	Ammonia mg/L
WW1A (Whistlewing Bay - Surface)																				
	09/11/06	17.6	42.0	33.8	1.10	1.57	15.0	0.0350	0.0155	0.0320	0.0050	0.0155	0.937	0.0480	3.48	0.00075	0.00075	0.155		0.0155
	Mean	17.6	42.0	33.8	1.10	1.57	15.0	0.0350	0.0155	0.0320	0.0050	0.0155	0.937	0.0480	3.48	0.00075	0.00075	0.155	NA	0.0155
	Median	17.6	42.0	33.8	1.10	1.57	15.0	0.0350	0.0155	0.0320	0.0050	0.0155	0.937	0.0480	3.48	0.00075	0.00075	0.155	NA	0.0155
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
	Minimum	17.6	42.0	33.8	1.10	1.57	15.0	0.0350	0.0155	0.0320	0.0050	0.0155	0.937	0.0480	3.48	0.00075	0.00075	0.155	NA	0.0155
	Maximum	17.6	42.0	33.8	1.10	1.57	15.0	0.0350	0.0155	0.0320	0.0050	0.0155	0.937	0.0480	3.48	0.00075	0.00075	0.155	NA	0.0155
	% of values undetected					100%			100%							100%	100%	100%		100%
	# of values between MDL and PQL							1		1		1		1						

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Sample Location ID	Sample Date	Aluminum		Antimony		Arsenic		Barium		Beryllium		Bismuth		Boron		Cadmium		Calcium		Chromium		Cobalt	
		Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L	Total µg/L	Dissolved µg/L
WW1A (Whistlewing Bay - Surface)																							
	09/11/06	6.48	5.20	0.0075	0.0075	0.155	0.394	4.88	4.65	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5550	5410	0.390	0.406	0.0256	0.0228
	Mean	6.48	5.20	0.0075	0.0075	0.155	0.394	4.88	4.65	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5550	5410	0.390	0.406	0.0256	0.0228
	Median	6.48	5.20	0.0075	0.0075	0.155	0.394	4.88	4.65	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5550	5410	0.390	0.406	0.0256	0.0228
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	6.48	5.20	0.0075	0.0075	0.155	0.394	4.88	4.65	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5550	5410	0.390	0.406	0.0256	0.0228
	Maximum	6.48	5.20	0.0075	0.0075	0.155	0.394	4.88	4.65	0.0125	0.0125	0.0075	0.0075	1.25	1.25	0.0185	0.0185	5550	5410	0.390	0.406	0.0256	0.0228
	% of values undetected			100%	100%	100%				100%	100%	100%	100%	100%	100%	100%	100%						
	# of values between MDL and PQL						1																

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Sample Location ID	Sample Date	Copper		Iron		Lead		Magnesium		Manganese		Mercury	Molybdenum		Nickel		Potassium		Selenium		Silicon	Silver	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WW1A (Whistlewing Bay - Surface)																							
	09/11/06	0.380	0.459	82.4	46.5	0.129		897	814	6.59	1.05	0.000475	0.623	0.635	0.171		489	471	0.155	0.155	800	0.0031	0.0031
	Mean	0.380	0.459	82.4	46.5	0.129	NA	897	814	6.59	1.05	0.000475	0.623	0.635	0.171	NA	489	471	0.155	0.155	800	0.0031	0.0031
	Median	0.380	0.459	82.4	46.5	0.129	NA	897	814	6.59	1.05	0.000475	0.623	0.635	0.171	NA	489	471	0.155	0.155	800	0.0031	0.0031
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
	Minimum	0.380	0.459	82.4	46.5	0.129	NA	897	814	6.59	1.05	0.000475	0.623	0.635	0.171	NA	489	471	0.155	0.155	800	0.0031	0.0031
	Maximum	0.380	0.459	82.4	46.5	0.129	NA	897	814	6.59	1.05	0.0004745	0.623	0.635	0.171	NA	489	471	0.155	0.155	800	0.0031	0.0031
	% of values undetected																			100%	100%		
	# of values between MDL and PQL											1				1						100%	100%

Key:

Bold Results = Parameter undetected by test

If result was not detected at the lab MDL, the value shown is 1/2 MDL

If flagged U or UJ, the value shown is 1/2 MRL.

Green Results = Estimate result reported by laboratory below req

MDL = Method Detection Limit.

PQL = Practical Quantitation Limit.

NA = Not Applicable

WAD Cyanide = Weak Acid Dissociable Cyanide

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Sample Location ID	Sample Date	Sodium		Thallium		Tin		Vanadium		Zinc	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WW1A (Whistlewing Bay - Surface)											
	09/11/06	1790	1670	0.0050	0.0050	0.050	0.050	0.250	0.250	2.19	3.17
	Mean	1790	1670	0.0050	0.0050	0.050	0.050	0.250	0.250	2.19	3.17
	Median	1790	1670	0.0050	0.0050	0.050	0.050	0.250	0.250	2.19	3.17
	St. Deviation	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	1	1	1	1	1	1	1	1	1
	Minimum	1790	1670	0.0050	0.0050	0.050	0.050	0.250	0.250	2.19	3.17
	Maximum	1790	1670	0.0050	0.0050	0.050	0.050	0.250	0.250	2.19	3.17
	% of values undetected			100%	100%	100%	100%	100%	100%		
	# of values between MDL and PQL										

MDL.

Sorting limit (PQL).