



Pre-Permitting Environmental / Socio-Economic Data Report Series

Report Series G- Trace Elements (Vegetation, Fish, Mammal & Mussel Tissue)

Report G-4 Transportation Corridor Cook Inlet Drainage Terrestrial Plant Results Summary 2004-2007

Submitted to the Alaska Department of Natural Resources February 2009

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 Do not cite or quote.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.

Collected for the Pebble Partnership by:



Bristol Environmental & Engineering Services Corp.
111 W. 16th Ave., Third Floor
Anchorage, Alaska 99502



SLR Alaska
4601 Business Park Blvd.
Building K, Suite 42
Anchorage, Alaska 99503

2004-2007 Transportation Corridor Cook Inlet Drainage Terrestrial Plant Results Summary

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Alnus crispa-TE18																					
	Sample Date																				
	08/18/04	40.6	1520	12.0	897	0.15	44.8	318	0.03	0.025	3	0.013	0.0035	10.1	0.0035	4880	0.4	0.39	8.84	113	0.09
	08/29/06	37.0				0.055		269	0.05	0.03	2.92	0.013	0.025	8.6	0.01	5260	0.5	0.313	6.86	84.6	0.15
	09/14/07	39.6				0.095		178	0.03	0.025	4.1	0.013	0.05	7.4	0.041	6490	0.35	0.264	8.2	67.5	0.53
	Mean	39.1	1520	12	897	0.1	44.8	255	0.037	0.027	3.3	0.013	0.026	8.7	0.018	5540	0.42	0.322	7.97	88	0.26
	Median	39.6	1520	12	897	0.095	44.8	269	0.03	0.025	3	0.013	0.025	8.6	0.01	5260	0.4	0.313	8.2	84.6	0.15
	St. Deviation	1.9	NA	NA	NA	0.05	NA	71	0.012	0.003	0.7	0	0.023	1.4	0.02	840	0.08	0.064	1.01	23	0.24
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	37.0	1520	12	897	0.055	44.8	178	0.03	0.025	2.92	0.013	0.0035	7.4	0.0035	4880	0.35	0.264	6.86	67.5	0.09
	Maximum	40.6	1520	12	897	0.15	44.8	318	0.05	0.03	4.1	0.013	0.05	10.1	0.041	6490	0.5	0.39	8.84	113	0.53
	% of values undetected					100%				100%			100%		67%		67%				
	# of values between MDL and MRL								2			3		2	1		1				
Alnus crispa-TE19																					
	Sample Date																				
	08/18/04	39.6	1380	14.8	1750	0.15	39.9	43.1	0.04	0.025	3.0	0.006	0.0035	21.8	0.0035	6240	0.4	0.51	8.1	85.6	0.11
	08/29/06	43.1				0.045		23.1	0.11	0.03	5.23	0.002	0.0245	16.9	0.01	7710	0.5	0.165	4.26	62.3	0.06
	09/14/07	40.3				0.1		61.6	0.015	0.025	5.98	0.026	0.0025	26.8	0.066	7150	0.35	2.46	15.1	48.2	0.69
	Mean	41.0	1380	14.8	1750	0.1	39.9	42.6	0.06	0.027	4.74	0.011	0.01	21.8	0.027	7030	0.42	1.05	9.2	65.4	0.29
	Median	40.3	1380	14.8	1750	0.1	39.9	43.1	0.04	0.025	5.23	0.006	0.0035	21.8	0.01	7150	0.4	0.51	8.1	62.3	0.11
	St. Deviation	1.9	NA	NA	NA	0.05	NA	19.3	0.05	0.003	1.55	0.013	0.012	5	0.034	740	0.08	1.24	5.5	18.9	0.35
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	39.6	1380	14.8	1750	0.045	39.9	23.1	0.015	0.025	3	0.002	0.0025	16.9	0.0035	6240	0.35	0.165	4.26	48.2	0.06
	Maximum	43.1	1380	14.8	1750	0.15	39.9	61.6	0.11	0.03	5.98	0.026	0.0245	26.8	0.066	7710	0.5	2.46	15.1	85.6	0.69
	% of values undetected					100%			33%	100%		33%	100%		67%		67%				
	# of values between MDL and MRL								1			1		1			1				
Alnus crispa-TE20																					
	Sample Date																				
	08/18/04	41.8	2960	10.6	767	0.15	31.6	55.7	0.07	0.025	14.6	0.009	0.0035	21.5	0.008	6170	0.4	0.52	6.37	46.2	0.1
	08/29/06	46.2				0.045		67.6	0.05	0.025	2.85	0.01	0.028	15.7	0.01	3020	0.5	0.119	3.74	48.2	0.05
	09/14/07	39.2				0.1		63.7	0.015	0.025	5.67	0.011	0.0025	16	0.05	3690	0.35	0.197	3.7	38.8	0.59
	Mean	42.4	2960	10.6	767	0.1	31.6	62.3	0.045	0.025	7.7	0.01	0.011	17.7	0.023	4290	0.42	0.279	4.6	44.4	0.25
	Median	41.8	2960	10.6	767	0.1	31.6	63.7	0.05	0.025	5.67	0.01	0.0035	16	0.01	3690	0.4	0.197	3.74	46.2	0.1
	St. Deviation	3.5	NA	NA	NA	0.05	NA	6.1	0.028	0	6.1	0.001	0.014	3.3	0.024	1660	0.08	0.213	1.53	5	0.3
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	39.2	2960	10.6	767	0.045	31.6	55.7	0.015	0.025	2.85	0.009	0.0025	15.7	0.008	3020	0.35	0.119	3.7	38.8	0.05
	Maximum	46.2	2960	10.6	767	0.15	31.6	67.6	0.07	0.025	14.6	0.011	0.028	21.5	0.05	6170	0.5	0.52	6.37	48.2	0.59
	% of values undetected					100%			33%	100%		33%	67%		33%		67%				
	# of values between MDL and MRL											2	1	1	1		1				
Alnus crispa-TE21																					
	Sample Date																				
	08/28/04	37	4610	0.4	288	0.7	36	94.7	0.025	0.025	0.9	0.004	0.0035	30.5	0.019	3140	0.4	0.32	4.74	83.7	0.16
	08/28/06	45.7				0.045		52.2	0.04	0.025	1.72	0.01	0.0015	13	0.01	3190	0.5	0.16	5.4	43.3	0.08
	09/13/07	45.6				0.08		78.2	0.07	0.06	2.58	0.003	0.0025	13.6	0.01	3840	0.35	0.543	4.61	47.7	0.15
	Mean	42.8	4610	0.4	288	0.28	36	75	0.045	0.037	1.73	0.006	0.0025	19	0.013	3390	0.42	0.34	4.92	58.2	0.13
	Median	45.6	4610	0.4	288	0.08	36	78.2	0.04	0.025	1.72	0.004	0.0025	13.6	0.01	3190	0.4	0.32	4.74	47.7	0.15
	St. Deviation	5	NA	NA	NA	0.37	NA	21.4	0.023	0.02	0.84	0.004	0.001	9.9	0.005	390	0.08	0.19	0.42	22.2	0.04
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	37	4610	0.4	288	0.045	36	52.2	0.025	0.025	0.9	0.003	0.0015	13	0.01	3140	0.35	0.16	4.61	43.3	0.08
	Maximum	45.7	4610	0.4	288	0.7	36	94.7	0.07	0.06	2.58	0.01	0.0035	30.5	0.019	3840	0.5	0.543	5.4	83.7	0.16
	% of values undetected					100%			33%	67%		67%	100%		33%		67%				
	# of values between MDL and MRL			1					1	1		1		1	2		1				

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Alnus crispa-TE18														
	Sample Date													
	08/18/04	1510	67.9	0.083	0.02	2.64	11200	0.05	0.005	85.7	0.001	2.45	0.22	25.7
	08/29/06	1360	86.7	0.021	0.01	1.89	9780	0.1	0.003	112	0.01	10.1	0.16	25
	09/14/07	1580	67.2	0.021	0.025	2.73	9390	0.1	0.004	193	0.004	6	0.23	43.1
	Mean	1480	73.9	0.042	0.018	2.42	10100	0.08	0.004	130	0.005	6.2	0.2	31.3
	Median	1510	67.9	0.021	0.02	2.64	9780	0.1	0.004	112	0.004	6	0.22	25.7
	St. Deviation	110	11.1	0.036	0.008	0.46	1000	0.03	0.001	56	0.005	3.8	0.04	10.3
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1360	67.2	0.021	0.01	1.89	9390	0.05	0.003	85.7	0.001	2.45	0.16	25
	Maximum	1580	86.7	0.083	0.025	2.73	11200	0.1	0.005	193	0.01	10.1	0.23	43.1
	% of values undetected				67%			100%	67%		67%	67%		
	# of values between MDL and MRL				1			1			1	1	1	
Alnus crispa-TE19														
	Sample Date													
	08/18/04	3820	269	0.07	0.09	2.17	8510	0.05	0.003	189	0.001	2.45	0.11	44.8
	08/29/06	2630	564	0.027	0.01	1.81	7100	0.1	0.019	125	0.01	10	0.22	49.7
	09/14/07	1540	127	0.011	0.025	2.83	4410	0.1	0.004	385	0.001	2.5	0.17	30.3
	Mean	2660	320	0.036	0.042	2.27	6670	0.08	0.009	233	0.004	5	0.17	41.6
	Median	2630	269	0.027	0.025	2.17	7100	0.1	0.004	189	0.001	2.5	0.17	44.8
	St. Deviation	1140	223	0.031	0.043	0.52	2080	0.03	0.009	135	0.005	4	0.06	10.1
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1540	127	0.011	0.01	1.81	4410	0.05	0.003	125	0.001	2.45	0.11	30.3
	Maximum	3820	564	0.07	0.09	2.83	8510	0.1	0.019	385	0.01	10	0.22	49.7
	% of values undetected				67%			100%	33%		100%	100%		
	# of values between MDL and MRL			1				2					2	
Alnus crispa-TE20														
	Sample Date													
	08/18/04	1630	130	0.085	0.73	3.26	8400	0.05	0.003	529	0.001	2.5	0.18	40.2
	08/29/06	2260	306	0.024	0.07	1.63	9620	0.05	0.003	492	0.01	10.1	0.04	22
	09/14/07	2190	224	0.014	0.025	1.43	8900	0.1	0.004	527	0.001	5.4	0.14	19.4
	Mean	2030	220	0.041	0.28	2.11	9000	0.07	0.0033	516	0.004	6	0.12	27.2
	Median	2190	224	0.024	0.07	1.63	8900	0.05	0.003	527	0.001	5.4	0.14	22
	St. Deviation	350	88	0.038	0.39	1	600	0.03	0.0006	21	0.005	4	0.07	11.3
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1630	130	0.014	0.025	1.43	8400	0.05	0.003	492	0.001	2.5	0.04	19.4
	Maximum	2260	306	0.085	0.73	3.26	9620	0.1	0.004	529	0.01	10.1	0.18	40.2
	% of values undetected				33%			100%	67%		100%	67%		
	# of values between MDL and MRL			1				1				1	3	
Alnus crispa-TE21														
	Sample Date													
	08/28/04	2690	94	0.062	0.025	4.16	8580	0.05	0.0015	1510	0.005	2.5	0.2	31.2
	08/28/06	2450	321	0.029	0.025	1.52	8390	0.05	0.003	226	0.01	9.85	0.04	39.6
	09/13/07	2430	76.8	0.03	0.13	2.51	4610	0.1	0.004	420	0.001	2.5	0.19	21.1
	Mean	2520	164	0.04	0.06	2.73	7190	0.07	0.0028	720	0.005	5	0.14	30.6
	Median	2450	94	0.03	0.025	2.51	8390	0.05	0.003	420	0.005	2.5	0.19	31.2
	St. Deviation	140	136	0.019	0.06	1.33	2240	0.03	0.0013	690	0.005	4.2	0.09	9.3
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	2430	76.8	0.029	0.025	1.52	4610	0.05	0.0015	226	0.001	2.5	0.04	21.1
	Maximum	2690	321	0.062	0.13	4.16	8580	0.1	0.004	1510	0.01	9.85	0.2	39.6
	% of values undetected				67%			100%	100%		67%	100%		
	# of values between MDL and MRL										1		2	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Alnus crispa-TE22																					
	Sample Date																				
	08/29/04	42.3	2850	0.2	1400	0.7	102	199	0.14	0.025	2.3	0.008	0.0035	21.6	0.0035	4120	0.4	0.6	4.91	52.7	0.1
	08/28/06	47				0.11		73.7	0.07	0.025	1.62	0.01	0.033	11	0.01	2780	0.5	0.228	4.86	46.4	0.08
	09/13/07	43.9				0.43		77.6	0.11	0.05	1.48	0.003	0.0025	18.5	0.003	2730	0.9	0.315	4	43.6	0.12
	Mean	44.4	2850	0.2	1400	0.41	102	117	0.11	0.033	1.8	0.007	0.013	17	0.006	3210	0.6	0.381	4.59	47.6	0.1
	Median	43.9	2850	0.2	1400	0.43	102	77.6	0.11	0.025	1.62	0.008	0.0035	18.5	0.0035	2780	0.5	0.315	4.86	46.4	0.1
	St. Deviation	2.4	NA	NA	NA	0.3	NA	71	0.04	0.014	0.44	0.004	0.017	5.5	0.004	790	0.26	0.195	0.51	4.7	0.02
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	42.3	2850	0.2	1400	0.11	102	73.7	0.07	0.025	1.48	0.003	0.0025	11	0.003	2730	0.4	0.228	4	43.6	0.08
	Maximum	47	2850	0.2	1400	0.7	102	199	0.14	0.05	2.3	0.01	0.033	21.6	0.01	4120	0.9	0.6	4.91	52.7	0.12
	% of values undetected			100%		33%				67%		67%	67%		100%		33%				
	# of values between MDL and MRL					2				1		1	1	1			2				
Alnus crispa-TE23																					
	Sample Date																				
	08/29/06	41.8				0.26		34.2	0.02	0.025	9.14	0.01	0.0015	17	0.045	6740	0.5	0.35	6.59	57.2	0.05
	09/13/07	42.1				0.105		33.2	0.05	0.13	9.87	0.003	0.0025	18.5	0.064	7260	0.35	0.394	5.67	40.8	0.08
	Mean	42.0				0.18		33.7	0.035	0.08	9.51	0.007	0.002	18	0.055	7000	0.4	0.37	6.13	49	0.065
	Median	42.0				0.18		33.7	0.035	0.08	9.51	0.007	0.002	18	0.055	7000	0.4	0.37	6.13	49	0.065
	St. Deviation	0.2				0.11		0.7	0.021	0.07	0.52	0.005	0.0007	1	0.013	370	0.1	0.03	0.65	11.6	0.021
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	41.8	0	0	0	0.105	0	33.2	0.02	0.025	9.14	0.003	0.0015	17	0.045	6740	0.35	0.35	5.67	40.8	0.05
	Maximum	42.1	0	0	0	0.26	0	34.2	0.05	0.13	9.87	0.01	0.0025	18.5	0.064	7260	0.5	0.394	6.59	57.2	0.08
	% of values undetected					50%			50%	50%		100%	100%				100%				
	# of values between MDL and MRL					1				1				1	1						
Alnus crispa-TE24																					
	Sample Date																				
	08/30/06	32.4				0.8		69.1	0.02	0.025	2.1	0.01	0.004	10.2	0.01	1830	0.5	0.072	5.75	46.9	0.09
	09/13/07	39.2				0.09		61	0.03	0.025	3.03	0.006	0.0025	8.2	0.003	2750	0.35	0.254	4.13	41.9	0.12
	Mean	35.8				0.45		65	0.025	0.025	2.6	0.008	0.003	9	0.007	2290	0.4	0.16	4.94	44.4	0.1
	Median	35.8				0.45		65	0.025	0.025	2.6	0.008	0.003	9	0.007	2290	0.4	0.16	4.94	44.4	0.1
	St. Deviation	4.8				0.5		6	0.007	0	0.7	0.003	0.001	1	0.005	650	0.1	0.13	1.15	3.5	0
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	32.4	0	0	0	0.09	0	61	0.02	0.025	2.1	0.006	0.0025	8.2	0.003	1830	0.35	0.072	4.13	41.9	0.09
	Maximum	39.2	0	0	0	0.8	0	69.1	0.03	0.025	3.03	0.01	0.004	10.2	0.01	2750	0.5	0.254	5.75	46.9	0.12
	% of values undetected					50%			50%	100%		50%	50%		100%		100%				
	# of values between MDL and MRL								1			1	1	2							
Angelica genuflexa-TE19																					
	Sample Date																				
	08/29/06	22.2				0.09		34.3	0.02	0.08	2.46	0.004	0.0025	50.3	0.01	17700	0.5	0.117	5.42	51.8	0.05
	09/14/07	18.5				1.9		30.1	0.015	0.025	2.9	0.003	0.0025	28.3	0.095	13800	0.35	1.42	7.6	61.5	0.38
	Mean	20.4				1		32.2	0.02	0.05	2.7	0.0035	0.014	39.3	0.05	15800	0.4	0.77	6.5	56.7	0.2
	Median	20.4				1		32.2	0.02	0.05	2.7	0.0035	0.014	39.3	0.05	15800	0.4	0.77	6.5	56.7	0.2
	St. Deviation	2.6				1		3	0	0.04	0.3	0.0007	0.016	15.6	0.06	2800	0.1	0.92	1.5	6.9	0.2
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	18.5	0	0	0	0.09	0	30.1	0.015	0.025	2.46	0.003	0.0025	28.3	0.01	13800	0.35	0.117	5.42	51.8	0.05
	Maximum	22.2	0	0	0	1.9	0	34.3	0.02	0.08	2.9	0.004	0.025	50.3	0.095	17700	0.5	1.42	7.6	61.5	0.38
	% of values undetected					50%			100%	50%		50%	100%		50%		100%				
	# of values between MDL and MRL									1		1									

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Alnus crispa-TE22														
	Sample Date													
	08/29/04	3240	70.6	0.073	0.025	3.3	8230	0.05	0.011	313	0.001	2.5	0.18	20.3
	08/28/06	2070	118	0.025	0.025	1.62	6970	0.05	1.18	283	0.01	4.8	0.03	18.1
	09/13/07	2170	24	0.047	0.11	1.37	7810	0.1	0.004	505	0.001	2.5	0.18	14.8
	Mean	2490	71	0.048	0.05	2.1	7670	0.07	0.4	367	0.004	3.3	0.13	17.7
	Median	2170	70.6	0.047	0.025	1.62	7810	0.05	0.011	313	0.001	2.5	0.18	18.1
	St. Deviation	650	47	0.024	0.05	1.05	640	0.03	0.7	120	0.005	1.3	0.09	2.8
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	2070	24	0.025	0.025	1.37	6970	0.05	0.004	283	0.001	2.5	0.03	14.8
	Maximum	3240	118	0.073	0.11	3.3	8230	0.1	1.18	505	0.01	4.8	0.18	20.3
	% of values undetected				67%			100%	33%		100%	67%		
	# of values between MDL and MRL							1				1	3	
Alnus crispa-TE23														
	Sample Date													
	08/29/06	1350	167	0.024	0.025	2.86	10100	0.05	0.003	33.4	0.01	4.7	0.01	33.7
	09/13/07	1440	180	0.023	0.07	2.31	8030	0.1	0.004	71	0.001	2.5	0.1	31.8
	Mean	1400	174	0.024	0.05	2.59	9100	0.08	0.0035	52	0.006	3.6	0.06	32.8
	Median	1400	174	0.024	0.05	2.59	9100	0.08	0.0035	52	0.006	3.6	0.06	32.8
	St. Deviation	60	9	0.001	0.03	0.39	1500	0.04	0.0007	27	0.006	1.6	0.06	1.3
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1350	167	0.023	0.025	2.31	8030	0.05	0.003	33.4	0.001	2.5	0.01	31.8
	Maximum	1440	180	0.024	0.07	2.86	10100	0.1	0.004	71	0.01	4.7	0.1	33.7
	% of values undetected				50%			100%	100%		100%	50%	50%	
	# of values between MDL and MRL											1	1	
Alnus crispa-TE24														
	Sample Date													
	08/30/06	1220	149	0.055	0.03	0.85	8200	0.05	0.003	68.8	0.01	1.5	0.03	24.4
	09/13/07	968	191	0.041	0.025	0.7	7980	0.1	0.004	82.4	0.003	2.5	0.06	21.8
	Mean	1090	170	0.048	0.03	0.8	8090	0.08	0.0035	75.6	0.007	2	0.045	23.1
	Median	1090	170	0.048	0.03	0.8	8090	0.08	0.0035	75.6	0.007	2	0.045	23.1
	St. Deviation	180	30	0.01	0	0.1	160	0.04	0.0007	9.6	0.005	0.7	0.021	1.8
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	968	149	0.041	0.025	0.7	7980	0.05	0.003	68.8	0.003	1.5	0.03	21.8
	Maximum	1220	191	0.055	0.03	0.85	8200	0.1	0.004	82.4	0.01	2.5	0.06	24.4
	% of values undetected				50%			100%	100%		50%	100%		
	# of values between MDL and MRL				1						1		2	
Angelica genuflexa-TE19														
	Sample Date													
	08/29/06	6850	105	0.026	0.51	2.57	22200	0.1	0.003	2340	0.01	9.85	0.12	41.2
	09/14/07	3260	263	0.019	0.67	4.18	19500	0.1	0.004	4530	0.003	2.55	0.16	86.8
	Mean	5060	184	0.023	0.59	3.38	20900	0.1	0.0035	3440	0.007	6.2	0.14	64
	Median	5060	184	0.023	0.59	3.38	20900	0.1	0.0035	3440	0.007	6.2	0.14	64
	St. Deviation	2540	112	0.005	0.11	1.14	1900	0	0.0007	1550	0.005	5.16	0.03	32.2
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	3260	105	0.019	0.51	2.57	19500	0.1	0.003	2340	0.003	2.55	0.12	41.2
	Maximum	6850	263	0.026	0.67	4.18	22200	0.1	0.004	4530	0.01	9.85	0.16	86.8
	% of values undetected							100%	100%		50%	100%		
	# of values between MDL and MRL			1							1		2	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Angelica genuflexa-TE20																					
	Sample Date																				
	08/18/04	18.1	3950	14.2	2040	0.15	960	19.5	0.01	0.05	1.2	0.0015	0.0035	51.1	0.014	6280	0.1	0.25	10.6	46.5	0.03
	Mean	18.1	3950	14.2	2040	0.15	960	19.5	0.01	0.05	1.2	0.0015	0.0035	51.1	0.014	6280	0.1	0.25	10.6	46.5	0.03
	Median	18.1	3950	14.2	2040	0.15	960	19.5	0.01	0.05	1.2	0.0015	0.0035	51.1	0.014	6280	0.1	0.25	10.6	46.5	0.03
	St. Deviation	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
	Minimum	18.1	3950	14.2	2040	0.15	960	19.5	0.01	0.05	1.2	0.0015	0.0035	51.1	0.014	6280	0.1	0.25	10.6	46.5	0.03
	Maximum	18.1	3950	14.2	2040	0.15	960	19.5	0.01	0.05	1.2	0.0015	0.0035	51.1	0.014	6280	0.1	0.25	10.6	46.5	0.03
	% of values undetected					100%			100%			100%	100%				100%				
	# of values between MDL and MRL									1					1						1
Artemisia tilesii-TE23																					
	Sample Date																				
	08/29/06	21.6				2.0		29.1	0.05	0.06	12.5	0.0095	0.0015	23.4	1.45	11100	0.5	0.121	18.3	52.1	0.11
	09/13/07	21.3				0.38		56.2	0.04	0.13	20	0.003	0.0025	25.5	2.15	18100	0.35	0.168	13.7	50.3	0.29
	Mean	21.5				1		42.7	0.045	0.1	16	0.006	0.002	24.5	1.8	14600	0.4	0.145	16	51.2	0.2
	Median	21.5				1		42.7	0.045	0.1	16	0.006	0.002	24.5	1.8	14600	0.4	0.145	16	51.2	0.2
	St. Deviation	0.2				1		19.2	0.007	0	5	0.005	0.0007	1.5	0.49	4900	0.1	0.033	3.3	1.3	0.13
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	21.3	0	0	0	0.38	0	29.1	0.04	0.06	12.5	0.003	0.0015	23.4	1.45	11100	0.35	0.121	13.7	50.3	0.11
	Maximum	21.6	0	0	0	2	0	56.2	0.05	0.13	20	0.0095	0.0025	25.5	2.15	18100	0.5	0.168	18.3	52.1	0.29
	% of values undetected											100%	100%				100%				
	# of values between MDL and MRL					1			1	2											
Athyrium filix-femina-TE18																					
	Sample Date																				
	08/18/04	27.9	2710	13.2	2350	0.15	533	210	0.01	0.025	39.6	0.007	0.0035	15.5	0.033	4780	0.1	0.27	6.49	69	0.13
	08/29/06	29.1				0.35		197	0.05	0.03	37.1	0.007	0.0015	17.7	0.022	5410	3	0.225	5.11	73	0.15
	09/14/07	21				0.18		207	0.04	0.025	61.6	0.007	0.05	22	0.051	6170	0.35	0.25	5.3	69.7	0.73
	Mean	26.0	2710	13.2	2350	0.23	533	205	0.033	0.027	46.1	0.007	0.018	18.4	0.035	5450	1.2	0.25	5.63	71	0.34
	Median	27.9	2710	13.2	2350	0.18	533	207	0.04	0.025	39.6	0.007	0.0035	17.7	0.033	5410	0.35	0.25	5.3	69.7	0.15
	St. Deviation	4.4	NA	NA	NA	0.11	NA	7	0.021	0.003	13.5	0	0.027	3.3	0.015	700	1.6	0.02	0.75	2	0.34
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	21	2710	13.2	2350	0.15	533	197	0.01	0.025	37.1	0.007	0.0015	15.5	0.022	4780	0.1	0.225	5.11	69	0.13
	Maximum	29.1	2710	13.2	2350	0.35	533	210	0.05	0.03	61.6	0.007	0.05	22	0.051	6170	3	0.27	6.49	73	0.73
	% of values undetected					100%			33%	100%			100%				67%				
	# of values between MDL and MRL								1			3		1	2						
Athyrium filix-femina-TE23																					
	Sample Date																				
	09/13/07	25.5				87		127	0.03	0.36	262	0.003	0.0025	22.5	0.226	7710	0.35	0.059	6.08	71.5	0.07
	Mean	25.5				87		127	0.03	0.36	262	0.003	0.0025	22.5	0.226	7710	0.35	0.059	6.08	71.5	0.07
	Median	25.5				87		127	0.03	0.36	262	0.003	0.0025	22.5	0.226	7710	0.35	0.059	6.08	71.5	0.07
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	25.5	0	0	0	87	0	127	0.03	0.36	262	0.003	0.0025	22.5	0.226	7710	0.35	0.059	6.08	71.5	0.07
	Maximum	25.5	0	0	0	87	0	127	0.03	0.36	262	0.003	0.0025	22.5	0.226	7710	0.35	0.059	6.08	71.5	0.07
	% of values undetected											100%	100%				100%				
	# of values between MDL and MRL								1	1											

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Angelica genuflexa-TE20														
	Sample Date													
	08/18/04	5970	69.9	0.078	0.55	2.34	32000	0.05	0.002	3120	0.001	2.45	0.07	37.5
	Mean	5970	69.9	0.078	0.55	2.34	32000	0.05	0.002	3120	0.001	2.45	0.07	37.5
	Median	5970	69.9	0.078	0.55	2.34	32000	0.05	0.002	3120	0.001	2.45	0.07	37.5
	St. Deviation	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
	Minimum	5970	69.9	0.078	0.55	2.34	32000	0.05	0.002	3120	0.001	2.45	0.07	37.5
	Maximum	5970	69.9	0.078	0.55	2.34	32000	0.05	0.002	3120	0.001	2.45	0.07	37.5
	% of values undetected							100%	100%		100%	100%		
	# of values between MDL and MRL												1	
Artemisia tilesii-TE23														
	Sample Date													
	08/29/06	2360	107	0.012	0.82	4.19	30000	0.3	0.003	239	0.01	1.5	0.03	68.4
	09/13/07	3200	175	0.036	0.77	2.78	20200	0.3	0.004	1630	0.005	2.5	0.1	90.3
	Mean	2780	141	0.024	0.8	3.49	25000	0.3	0.0035	930	0.008	2	0.07	79.4
	Median	2780	141	0.024	0.8	3.49	25000	0.3	0.0035	930	0.008	2	0.07	79.4
	St. Deviation	590	48	0.017	0.04	1	7000	0	0.0007	980	0.004	0.7	0.05	15.5
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	2360	107	0.012	0.77	2.78	20200	0.3	0.003	239	0.005	1.5	0.03	68.4
	Maximum	3200	175	0.036	0.82	4.19	30000	0.3	0.004	1630	0.01	2.5	0.1	90.3
	% of values undetected							100%			50%	100%		
	# of values between MDL and MRL			1				2			1		2	
Athyrium filix-femina-TE18														
	Sample Date													
	08/18/04	4950	609	0.098	0.03	1.67	15300	0.05	0.002	595	0.001	2.5	0.24	53.4
	08/29/06	4670	382	0.047	0.02	2.14	18300	0.1	0.003	436	0.01	10.05	0.19	49.4
	09/14/07	5780	468	0.069	0.06	1.53	19100	0.1	0.004	377	0.005	2.5	0.19	59.1
	Mean	5130	486	0.071	0.037	1.78	17600	0.08	0.003	469	0.005	5	0.21	54
	Median	4950	468	0.069	0.03	1.67	18300	0.1	0.003	436	0.005	2.5	0.19	53.4
	St. Deviation	580	115	0.026	0.021	0.32	2000	0.03	0.001	113	0.005	4	0.03	4.9
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	4670	382	0.047	0.02	1.53	15300	0.05	0.002	377	0.001	2.5	0.19	49.4
	Maximum	5780	609	0.098	0.06	2.14	19100	0.1	0.004	595	0.01	10.05	0.24	59.1
	% of values undetected							100%	100%		67%	100%		
	# of values between MDL and MRL				2						1		2	
Athyrium filix-femina-TE23														
	Sample Date													
	09/13/07	3390	109	0.033	0.32	2.39	23700	0.4	0.027	178	0.032	5.4	0.68	21.8
	Mean	3390	109	0.033	0.32	2.39	23700	0.4	0.027	178	0.032	5.4	0.68	21.8
	Median	3390	109	0.033	0.32	2.39	23700	0.4	0.027	178	0.032	5.4	0.68	21.8
	St. Deviation	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
	Minimum	3390	109	0.033	0.32	2.39	23700	0.4	0.027	178	0.032	5.4	0.68	21.8
	Maximum	3390	109	0.033	0.32	2.39	23700	0.4	0.027	178	0.032	5.4	0.68	21.8
	% of values undetected													
	# of values between MDL and MRL							1				1		

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Athyrium filix-femina-TE24																					
	Sample Date																				
	08/30/06	20.2				0.87		206	0.02	0.025	23.3	0.01	0.0015	17.3	0.079	3480	0.5	0.073	6.68	56.6	0.08
	09/13/07	26.4				0.14		108	0.03	0.025	79.2	0.003	0.0025	22.3	0.084	6360	0.35	0.107	6.25	44.2	0.13
	Mean	23.3				0.51		157	0.025	0.025	51.3	0.007	0.002	19.8	0.082	4920	0.4	0.09	6.47	50.4	0.1
	Median	23.3				0.51		157	0.025	0.025	51.3	0.007	0.002	19.8	0.082	4920	0.4	0.09	6.47	50.4	0.1
	St. Deviation	4.4				0.52		69	0.007	0	39.5	0.005	0.0007	3.5	0.004	2040	0.1	0.02	0.3	8.8	0
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	20.2	0	0	0	0.14	0	108	0.02	0.025	23.3	0.003	0.0015	17.3	0.079	3480	0.35	0.073	6.25	44.2	0.08
	Maximum	26.4	0	0	0	0.87	0	206	0.03	0.025	79.2	0.01	0.0025	22.3	0.084	6360	0.5	0.107	6.68	56.6	0.13
	% of values undetected					50%			50%	100%		100%	100%				100%				
	# of values between MDL and MRL					1			1					1							
Calamagrostis sp.-TE18																					
	Sample Date																				
	08/18/04	36.1	5120	14.9	764	0.15	828	32.3	0.02	0.025	7.4	0.0015	0.0035	9	0.008	2470	0.9	0.07	9.63	79.1	0.11
	08/29/06	32.3				0.30		21.7	0.06	0.03	13.9	0.002	0.0015	8.1	0.01	3520	1.3	0.031	8.96	89.3	0.09
	09/14/07	39.7				0.095		4.3	0.015	0.025	8.84	0.003	0.0495	3	0.017	1120	1.7	0.052	3.8	36.3	0.41
	Mean	36	5120	14.9	764	0.18	828	19.4	0.032	0.027	10	0.0022	0.018	6.7	0.012	2370	1.3	0.051	7.46	68.2	0.2
	Median	36.1	5120	14.9	764	0.15	828	21.7	0.02	0.025	8.84	0.002	0.0035	8.1	0.01	2470	1.3	0.052	8.96	79.1	0.11
	St. Deviation	3.7	NA	NA	NA	0.11	NA	14.1	0.025	0.003	3.4	0.0008	0.027	3.24	0.005	1200	0.4	0.02	3.19	28.1	0.18
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	32.3	5120	14.9	764	0.095	828	4.3	0.015	0.025	7.4	0.0015	0.0015	3	0.008	1120	0.9	0.031	3.8	36.3	0.09
	Maximum	39.7	5120	14.9	764	0.3	828	32.3	0.06	0.03	13.9	0.003	0.0495	9	0.017	3520	1.7	0.07	9.63	89.3	0.41
	% of values undetected					67%			33%	100%		100%	100%		33%						
	# of values between MDL and MRL					1			1					2	2		3				
Calamagrostis sp.-TE23																					
	Sample Date																				
	08/29/06	35.8				2.1		2.9	0.02	0.025	22.8	0.01	0.0015	5.4	0.01	4890	0.5	0.04	6.08	44.7	0.04
	09/13/07	38.8				0.35		4.2	0.1	0.09	23.2	0.003	0.0025	3.8	0.01	5850	0.35	0.051	5.34	43.4	0.07
	Mean	37.3				1.2		3.6	0.06	0.06	23	0.007	0.002	4.6	0.01	5370	0.4	0.05	5.71	44.1	0.055
	Median	37.3				1.2		3.6	0.06	0.06	23	0.007	0.002	4.6	0.01	5370	0.4	0.05	5.71	44.1	0.055
	St. Deviation	2.1				1.2		0.9	0.06	0.05	0.3	0.005	0.0007	1.1	0	680	0.1	0.01	0.52	0.9	0.021
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	35.8	0	0	0	0.35	0	2.9	0.02	0.025	22.8	0.003	0.0015	3.8	0.01	4890	0.35	0.04	5.34	43.4	0.04
	Maximum	38.8	0	0	0	2.1	0	4.2	0.1	0.09	23.2	0.01	0.0025	5.4	0.01	5850	0.5	0.051	6.08	44.7	0.07
	% of values undetected					50%			50%	50%		100%	100%		50%		100%				
	# of values between MDL and MRL									1				2	1						1
Calamagrostis sp.-TE24																					
	Sample Date																				
	08/30/06	32.4				0.44		14.6	0.05	0.07	12.5	0.01	0.041	3.5	0.01	1270	0.5	0.028	5.34	55.1	0.09
	09/13/07	41.4				0.21		4	0.015	0.025	15.6	0.003	0.0025	3.8	0.003	1880	0.35	0.02	5.19	44.5	0.09
	Mean	36.9				0.33		9	0.03	0.05	14.1	0.007	0.022	3.7	0.007	1580	0.4	0.02	5.27	49.8	0.09
	Median	36.9				0.33		9	0.03	0.05	14.1	0.007	0.022	3.7	0.007	1580	0.4	0.02	5.27	49.8	0.09
	St. Deviation	6.4				0.16		7	0.02	0.03	2.2	0.005	0.027	0.2	0.005	430	0.1	0.01	0.11	7.5	0
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	32.4	0	0	0	0.21	0	4	0.015	0.025	12.5	0.003	0.0025	3.5	0.003	1270	0.35	0.02	5.19	44.5	0.09
	Maximum	41.4	0	0	0	0.44	0	14.6	0.05	0.07	15.6	0.01	0.041	3.8	0.01	1880	0.5	0.028	5.34	55.1	0.09
	% of values undetected								50%	50%		100%	50%		100%		100%				
	# of values between MDL and MRL					2				1			1	2							

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Athyrium filix-femina-TE24														
	Sample Date													
	08/30/06	4540	694	0.04	0.06	1.18	12400	0.05	0.003	312	0.01	3.6	0.05	52.4
	09/13/07	7450	436	0.056	0.06	0.79	12800	0.1	0.004	326	0.009	2.55	0.18	59.8
	Mean	6000	565	0.05	0.06	1	12600	0.08	0.0035	319	0.01	3.1	0.1	56.1
	Median	6000	565	0.05	0.06	1	12600	0.08	0.0035	319	0.01	3.1	0.1	56.1
	St. Deviation	2060	182	0.01	0	0.3	300	0.04	0.0007	10	0.001	0.7	0.1	5.2
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	4540	436	0.04	0.06	0.79	12400	0.05	0.003	312	0.009	2.55	0.05	52.4
	Maximum	7450	694	0.056	0.06	1.18	12800	0.1	0.004	326	0.01	3.6	0.18	59.8
	% of values undetected							100%	100%		50%	50%		
	# of values between MDL and MRL										1	1	2	
Calamagrostis sp.-TE18														
	Sample Date													
	08/18/04	1170	143	0.067	0.12	3.47	15500	0.05	0.004	114	0.001	2.45	0.14	31.9
	08/29/06	1850	358	0.014	0.12	1.95	15600	0.1	0.003	83.4	0.01	10.05	0.09	27.1
	09/14/07	505	292	0.014	0.19	0.4	6510	0.1	0.004	149	0.006	5.5	0.08	38
	Mean	1180	264	0.032	0.14	1.94	12500	0.08	0.0037	115	0.006	6	0.1	32.3
	Median	1170	292	0.014	0.12	1.95	15500	0.1	0.004	114	0.006	5.5	0.09	31.9
	St. Deviation	670	110	0.031	0.04	1.54	5200	0.03	0.0006	33	0.005	3.8	0.03	5.5
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	505	143	0.014	0.12	0.4	6510	0.05	0.003	83.4	0.001	2.45	0.08	27.1
	Maximum	1850	358	0.067	0.19	3.47	15600	0.1	0.004	149	0.01	10.05	0.14	38
	% of values undetected							100%	67%		67%	67%		
	# of values between MDL and MRL			2					1		1	1	3	
Calamagrostis sp.-TE23														
	Sample Date													
	08/29/06	1070	330	0.02	1	2.42	16000	0.2	0.003	34	0.01	4.1	0.01	27.8
	09/13/07	1140	598	0.03	1	2.27	11000	0.1	0.004	75.2	0.004	2.5	0.04	26
	Mean	1110	464	0.025	1	2.35	14000	0.15	0.0035	55	0.007	3.3	0.025	27
	Median	1110	464	0.025	1	2.35	14000	0.15	0.0035	55	0.007	3.3	0.025	27
	St. Deviation	50	190	0.007	0	0.11	4000	0.07	0.0007	29	0.004	1.1	0.021	1
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1070	330	0.02	1	2.27	11000	0.1	0.003	34	0.004	2.5	0.01	26
	Maximum	1140	598	0.03	1	2.42	16000	0.2	0.004	75.2	0.01	4.1	0.04	27.8
	% of values undetected							50%	100%		50%	50%	50%	
	# of values between MDL and MRL							1			1	1	1	
Calamagrostis sp.-TE24														
	Sample Date													
	08/30/06	902	116	0.021	0.1	1.78	8400	0.05	0.003	40.8	0.01	3.3	0.03	16.6
	09/13/07	996	117	0.018	0.19	0.29	6470	0.1	0.004	70.3	0.002	2.45	0.02	13.6
	Mean	949	117	0.02	0.1	1	7440	0.08	0.0035	55.6	0.006	2.9	0.025	15.1
	Median	949	117	0.02	0.1	1	7440	0.08	0.0035	55.6	0.006	2.9	0.025	15.1
	St. Deviation	66	1	0.002	0.1	1.1	1360	0.04	0.0007	20.9	0.006	0.6	0.007	2.1
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	902	116	0.018	0.1	0.29	6470	0.05	0.003	40.8	0.002	2.45	0.02	13.6
	Maximum	996	117	0.021	0.19	1.78	8400	0.1	0.004	70.3	0.01	3.3	0.03	16.6
	% of values undetected							100%	100%		50%	50%	50%	
	# of values between MDL and MRL										1	1	1	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Carex aquatilis-TE20																					
	Sample Date																				
	08/18/04	40.0	7380	13.1	1300	0.15	519	28	0.01	0.025	24.7	0.004	0.0035	9.5	0.034	5370	0.5	0.11	3.35	165	0.14
	08/29/06	32.0				0.065		41.4	0.04	0.07	8.2	0.01	0.0015	7.2	0.021	3450	0.5	0.056	4.25	204	0.09
	09/14/07	34.7				0.11		12.9	0.015	0.025	9.99	0.003	0.0025	4.8	0.058	2780	0.35	0.032	3.6	85.6	0.65
	Mean	35.6	7380	13.1	1300	0.11	519	27.4	0.022	0.04	14.3	0.006	0.0025	7.17	0.038	3870	0.45	0.07	3.73	152	0.29
	Median	34.7	7380	13.1	1300	0.11	519	28	0.015	0.025	9.99	0.004	0.0025	7.2	0.034	3450	0.5	0.056	3.6	165	0.14
	St. Deviation	4.1	NA	NA	NA	0.04	NA	14.3	0.016	0.026	9.1	0.004	0.001	2.35	0.019	1340	0.09	0.04	0.46	60	0.31
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	32	7380	13.1	1300	0.065	519	12.9	0.01	0.025	8.2	0.003	0.0015	4.8	0.021	2780	0.35	0.032	3.35	85.6	0.09
	Maximum	40	7380	13.1	1300	0.15	519	41.4	0.04	0.07	24.7	0.01	0.0035	9.5	0.058	5370	0.5	0.11	4.25	204	0.65
	% of values undetected					100%			67%	67%		67%	100%				67%				
	# of values between MDL and MRL								1	1		1		2	2		1				
Carex aquatilis-TE23																					
	Sample Date																				
	09/13/07	21.9				0.31		62.4	0.03	0.18	15.2	0.003	0.0025	23.6	0.046	17000	0.35	0.051	8.73	51.9	0.09
	Mean	21.9				0.31		62.4	0.03	0.18	15.2	0.003	0.0025	23.6	0.046	17000	0.35	0.051	8.73	51.9	0.09
	Median	21.9				0.31		62.4	0.03	0.18	15.2	0.003	0.0025	23.6	0.046	17000	0.35	0.051	8.73	51.9	0.09
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	21.9	0	0	0	0.31	0	62.4	0.03	0.18	15.2	0.003	0.0025	23.6	0.046	17000	0.35	0.051	8.73	51.9	0.09
	Maximum	21.9	0	0	0	0.31	0	62.4	0.03	0.18	15.2	0.003	0.0025	23.6	0.046	17000	0.35	0.051	8.73	51.9	0.09
	% of values undetected											100%	100%				100%				
	# of values between MDL and MRL					1			1	1					1						
Chamerion angustifolium-TE23																					
	Sample Date																				
	08/29/06	22.8				0.9		66.6	0.04	0.1	12.5	0.01	0.0015	25.8	0.044	14800	0.5	0.071	9.54	58	0.09
	Mean	22.8				0.9		66.6	0.04	0.1	12.5	0.01	0.0015	25.8	0.044	14800	0.5	0.071	9.54	58	0.09
	Median	22.8				0.9		66.6	0.04	0.1	12.5	0.01	0.0015	25.8	0.044	14800	0.5	0.071	9.54	58	0.09
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	22.8	0	0	0	0.9	0	66.6	0.04	0.1	12.5	0.01	0.0015	25.8	0.044	14800	0.5	0.071	9.54	58	0.09
	Maximum	22.8	0	0	0	0.9	0	66.6	0.04	0.1	12.5	0.01	0.0015	25.8	0.044	14800	0.5	0.071	9.54	58	0.09
	% of values undetected											100%	100%				100%				
	# of values between MDL and MRL								1	1					1						
Cladina rangiferina-TE21																					
	Sample Date																				
	08/28/04	28.7	68	0.3	134	0.7	3.75	266	0.1	0.16	4.1	0.003	0.0035	2.5	0.034	589	0.7	0.09	1.21	311	1.18
	09/13/07	37.8				0.1		230	0.13	0.12	2.04	0.003	0.005	0.2	0.03	507	1.8	0.062	1.29	238	0.6
	Mean	33.3	68	0.3	134	0.4	3.75	248	0.1	0.14	3.1	0.003	0.004	1	0.03	548	1	0.08	1.25	275	0.9
	Median	33.3	68	0.3	134	0.4	3.75	248	0.1	0.14	3.1	0.003	0.004	1	0.03	548	1	0.08	1.25	275	0.9
	St. Deviation	6.4	NA	NA	NA	0.42	NA	25	0	0.03	1.5	0	0.001	2	0	58	1	0.02	0.06	52	0.4
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	28.7	68	0.3	134	0.1	3.75	230	0.1	0.12	2.04	0.003	0.0035	0.2	0.03	507	0.7	0.062	1.21	238	0.6
	Maximum	37.8	68	0.3	134	0.7	3.75	266	0.13	0.16	4.1	0.003	0.005	2.5	0.034	589	1.8	0.09	1.29	311	1.18
	% of values undetected					100%	100%					50%	50%	100%							
	# of values between MDL and MRL			1						2		1	1		2		2				

2004-2007 Transportation Corridor Cook Inlet Drainage Terrestrial Plant Results Summary

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Carex aquatilis-TE20														
	Sample Date													
	08/18/04	1640	70.6	0.056	3.58	2.29	8060	0.05	0.0015	2290	0.001	2.5	0.1	12
	08/29/06	1340	98.6	0.015	1.45	1.25	20100	0.2	0.003	814	0.01	10	0.12	14.6
	09/14/07	784	152	0.01	0.86	0.76	10400	0.1	0.004	839	0.001	5.1	0.08	15.6
	Mean	1250	107	0.027	1.96	1.43	12900	0.12	0.0028	1310	0.004	6	0.1	14.1
	Median	1340	98.6	0.015	1.45	1.25	10400	0.1	0.003	839	0.001	5.1	0.1	14.6
	St. Deviation	430	41	0.025	1.43	0.78	6400	0.08	0.0013	850	0.005	4	0.02	1.9
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	784	70.6	0.01	0.86	0.76	8060	0.05	0.0015	814	0.001	2.5	0.08	12
	Maximum	1640	152	0.056	3.58	2.29	20100	0.2	0.004	2290	0.01	10	0.12	15.6
	% of values undetected							67%	100%		100%	67%		
	# of values between MDL and MRL			2				1				1	3	
Carex aquatilis-TE23														
	Sample Date													
	09/13/07	3200	123	0.077	0.17	1.54	11600	0.1	0.004	198	0.004	2.5	0.12	34.2
	Mean	3200	123	0.077	0.17	1.54	11600	0.1	0.004	198	0.004	2.5	0.12	34.2
	Median	3200	123	0.077	0.17	1.54	11600	0.1	0.004	198	0.004	2.5	0.12	34.2
	St. Deviation	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
	Minimum	3200	123	0.077	0.17	1.54	11600	0.1	0.004	198	0.004	2.5	0.12	34.2
	Maximum	3200	123	0.077	0.17	1.54	11600	0.1	0.004	198	0.004	2.5	0.12	34.2
	% of values undetected							100%	100%			100%		
	# of values between MDL and MRL										1		1	
Chamerion angustifolium-TE23														
	Sample Date													
	08/29/06	3390	115	0.065	0.25	2.59	15400	0.6	0.012	107	0.01	1.5	0.05	38.5
	Mean	3390	115	0.065	0.25	2.59	15400	0.6	0.012	107	0.01	1.5	0.05	38.5
	Median	3390	115	0.065	0.25	2.59	15400	0.6	0.012	107	0.01	1.5	0.05	38.5
	St. Deviation	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
	Minimum	3390	115	0.065	0.25	2.59	15400	0.6	0.012	107	0.01	1.5	0.05	38.5
	Maximum	3390	115	0.065	0.25	2.59	15400	0.6	0.012	107	0.01	1.5	0.05	38.5
	% of values undetected										100%	100%		
	# of values between MDL and MRL							1	1				1	
Cladina rangiferina-TE21														
	Sample Date													
	08/28/04	467	38.5	0.028	0.025	1.58	549	0.2	0.007	153	0.007	2.5	0.77	18.0
	09/13/07	360	17.4	0.03	0.13	0.58	1210	0.2	0.004	199	0.006	2.5	0.42	7.38
	Mean	414	28	0.03	0.08	1.1	880	0.2	0.0055	176	0.0065	2.5	0.6	13.0
	Median	414	28	0.03	0.08	1.1	880	0.2	0.0055	176	0.0065	2.5	0.6	13.0
	St. Deviation	76	14.9	0	0.07	0.7	470	0	0.0021	33	0.0007	0	0.25	8.0
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	360	17.4	0.028	0.025	0.58	549	0.2	0.004	153	0.006	2.5	0.42	7.38
	Maximum	467	38.5	0.03	0.13	1.58	1210	0.2	0.007	199	0.007	2.5	0.77	18.0
	% of values undetected				50%			50%				100%		
	# of values between MDL and MRL							2	1		2			

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg	
Cornus canadensis-Berry-TE21																						
	Sample Date																					
	08/28/04	8.83	3830	2.1	3190	0.7	33	32.1	0.48	0.025	2.8	0.0015	0.0035	10.9	0.0035	4900	0.5	0.06	3.04	96.9	0.58	
	09/13/07	9.2				1.3		23.4	0.05	0.025	2.65	0.003	0.007	8.1	0.007	4920	0.35	0.029	2.02	11.1	0.05	
	Mean	9.0	3830	2.1	3190	1	33	27.8	0.3	0.025	2.7	0.002	0.005	10	0.005	4910	0.4	0.04	2.53	54	0.3	
	Median	9.0	3830	2.1	3190	1	33	27.8	0.3	0.025	2.7	0.002	0.005	10	0.005	4910	0.4	0.04	2.53	54	0.3	
	St. Deviation	0.3	NA	NA	NA	0	NA	6.2	0.3	0	0.1	0.001	0.002	2	0.002	10	0.1	0.02	0.72	60.7	0.4	
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	8.83	3830	2.1	3190	0.7	33	23.4	0.05	0.025	2.65	0.0015	0.0035	8.1	0.0035	4900	0.35	0.029	2.02	11.1	0.05	
	Maximum	9.2	3830	2.1	3190	1.3	33	32.1	0.48	0.025	2.8	0.003	0.007	10.9	0.007	4920	0.5	0.06	3.04	96.9	0.58	
	% of values undetected					50%				100%		100%	50%		50%		50%					
	# of values between MDL and MRL			1		1							1	1	1		1					
Cornus canadensis-TE21																						
	Sample Date																					
	08/28/04	24.8	11500	1.7	8220	0.7	225	495	0.1	0.06	17.3	0.0015	0.0035	31.5	0.026	23200	0.5	0.2	4.96	79.2	0.58	
	09/13/07	29.4				0.125		580	0.1	0.06	16.5	0.003	0.035	26.8	0.022	31800	0.35	0.148	1.31	32.6	0.12	
	Mean	27.1	11500	1.7	8220	0.41	225	538	0.1	0.06	16.9	0.002	0.019	29.2	0.024	27500	0.4	0.17	3.14	55.9	0.35	
	Median	27.1	11500	1.7	8220	0.41	225	538	0.1	0.06	16.9	0.002	0.019	29.2	0.024	27500	0.4	0.17	3.14	55.9	0.35	
	St. Deviation	3.3	NA	NA	NA	0.41	NA	60	0	0	0.6	0.001	0.022	3.3	0.003	6100	0.1	0.04	2.58	33	0.33	
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	24.8	11500	1.7	8220	0.125	225	495	0.1	0.06	16.5	0.0015	0.0035	26.8	0.022	23200	0.35	0.148	1.31	32.6	0.12	
	Maximum	29.4	11500	1.7	8220	0.7	225	580	0.1	0.06	17.3	0.003	0.035	31.5	0.026	31800	0.5	0.2	4.96	79.2	0.58	
	% of values undetected					100%						100%	50%				50%					
	# of values between MDL and MRL			1						2			1		2		1					
Empetrum nigrum-Berry-TE18																						
	Sample Date																					
	08/29/06	11.6				0.175		13.6	0.22	0.03	3.23	0.002	0.0015	3.4	0.01	786	0.5	0.009	3.66	40.2	0.03	
	Mean	11.6				0.175		13.6	0.22	0.03	3.23	0.002	0.0015	3.4	0.01	786	0.5	0.009	3.66	40.2	0.03	
	Median	11.6				0.175		13.6	0.22	0.03	3.23	0.002	0.0015	3.4	0.01	786	0.5	0.009	3.66	40.2	0.03	
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Minimum	11.6	0	0	0	0.175	0	13.6	0.22	0.03	3.23	0.002	0.0015	3.4	0.01	786	0.5	0.009	3.66	40.2	0.03	
	Maximum	11.6	0	0	0	0.175	0	13.6	0.22	0.03	3.23	0.002	0.0015	3.4	0.01	786	0.5	0.009	3.66	40.2	0.03	
	% of values undetected					100%				100%		100%	100%		100%		100%					
	# of values between MDL and MRL													1				1			1	
Empetrum nigrum-Berry-TE20																						
	Sample Date																					
	08/29/06	14.1				0.14		8.9	0.02	0.025	3.86	0.0095	0.01	4.4	0.0095	499	0.5	0.013	5.03	12.4	0.07	
	Mean	14.1				0.14		8.9	0.02	0.025	3.86	0.0095	0.01	4.4	0.0095	499	0.5	0.013	5.03	12.4	0.07	
	Median	14.1				0.14		8.9	0.02	0.025	3.86	0.0095	0.01	4.4	0.0095	499	0.5	0.013	5.03	12.4	0.07	
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Minimum	14.1	0	0	0	0.14	0	8.9	0.02	0.025	3.86	0.0095	0.01	4.4	0.0095	499	0.5	0.013	5.03	12.4	0.07	
	Maximum	14.1	0	0	0	0.14	0	8.9	0.02	0.025	3.86	0.0095	0.01	4.4	0.0095	499	0.5	0.013	5.03	12.4	0.07	
	% of values undetected					100%				100%	100%				100%		100%					
	# of values between MDL and MRL												1	1				1				

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Cornus canadensis-Berry-TE21														
	Sample Date													
	08/28/04	1830	18.2	0.0155	0.025	20.5	14300	0.05	0.003	1020	0.001	2.5	0.1	13.3
	09/13/07	1810	4.56	0.002	0.12	1.02	12400	0.1	0.004	758	0.001	2.6	0.12	4.94
	Mean	1820	11.4	0.009	0.07	10.8	13400	0.08	0.0035	890	0.001	2.6	0.1	9.1
	Median	1820	11.4	0.009	0.07	10.8	13400	0.08	0.0035	890	0.001	2.6	0.1	9.1
	St. Deviation	10	9.6	0.01	0.07	13.8	1300	0.04	0.0007	190	0	0.1	0	5.9
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1810	4.56	0.002	0.025	1.02	12400	0.05	0.003	758	0.001	2.5	0.1	4.94
	Maximum	1830	18.2	0.0155	0.12	20.5	14300	0.1	0.004	1020	0.001	2.6	0.12	13.3
	% of values undetected			100%	50%			100%	100%		100%	100%		
	# of values between MDL and MRL												2	
Cornus canadensis-TE21														
	Sample Date													
	08/28/04	7660	44.3	0.108	0.08	3.6	8080	0.05	0.008	1590	0.003	2.5	0.24	37.8
	09/13/07	6700	19.3	0.066	0.17	3.88	3670	0.1	0.004	600	0.003	2.5	0.24	8.68
	Mean	7180	31.8	0.09	0.1	3.7	5880	0.08	0.006	1100	0.003	2.5	0.24	23.2
	Median	7180	31.8	0.09	0.1	3.7	5880	0.08	0.006	1100	0.003	2.5	0.24	23.2
	St. Deviation	680	17.7	0.03	0.1	0.2	3120	0.04	0.0028	700	0	0	0	20.6
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	6700	19.3	0.066	0.08	3.6	3670	0.05	0.004	600	0.003	2.5	0.24	8.68
	Maximum	7660	44.3	0.108	0.17	3.88	8080	0.1	0.008	1590	0.003	2.5	0.24	37.8
	% of values undetected							100%	50%			100%		
	# of values between MDL and MRL							1			2			
Empetrum nigrum-Berry-TE18														
	Sample Date													
	08/29/06	386	26.6	0.011	0.01	0.33	7360	0.1	0.003	112	0.01	10.25	0.18	5.8
	Mean	386	26.6	0.011	0.01	0.33	7360	0.1	0.003	112	0.01	10.25	0.18	5.8
	Median	386	26.6	0.011	0.01	0.33	7360	0.1	0.003	112	0.01	10.25	0.18	5.8
	St. Deviation	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
	Minimum	386	26.6	0.011	0.01	0.33	7360	0.1	0.003	112	0.01	10.25	0.18	5.8
	Maximum	386	26.6	0.011	0.01	0.33	7360	0.1	0.003	112	0.01	10.25	0.18	5.8
	% of values undetected				100%			100%	100%		100%	100%		
	# of values between MDL and MRL			1									1	
Empetrum nigrum-Berry-TE20														
	Sample Date													
	08/29/06	344	11.9	0.008	0.09	0.63	7630	0.05	0.006	319	0.01	10.1	0.02	5.1
	Mean	344	11.9	0.008	0.09	0.63	7630	0.05	0.006	319	0.01	10.1	0.02	5.1
	Median	344	11.9	0.008	0.09	0.63	7630	0.05	0.006	319	0.01	10.1	0.02	5.1
	St. Deviation	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
	Minimum	344	11.9	0.008	0.09	0.63	7630	0.05	0.006	319	0.01	10.1	0.02	5.1
	Maximum	344	11.9	0.008	0.09	0.63	7630	0.05	0.006	319	0.01	10.1	0.02	5.1
	% of values undetected							100%			100%	100%		
	# of values between MDL and MRL			1				1					1	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Empetrum nigrum-Berry-TE21																					
	Sample Date																				
	08/28/04	11.7	168	6	195	0.7	32	14	0.48	0.03	3.5	0.0015	0.004	5.6	0.004	753	0.5	0.04	4.19	249	1.49
	08/28/06	13.3				1.8		10.2	0.04	0.025	4.13	0.01	0.0015	4.9	0.01	832	0.5	0.01	5.17	15.9	0.02
	09/13/07	10.8				0.26		3.1	0.3	0.025	4.52	0.003	0.0025	2.3	0.003	601	0.35	0.012	4.08	7.8	0.09
	Mean	11.9	168	6	195	0.9	32	9	0.27	0.027	4.05	0.005	0.0027	4.27	0.006	729	0.45	0.021	4.48	91	0.5
	Median	11.7	168	6	195	0.7	32	10.2	0.3	0.025	4.13	0.003	0.0025	4.9	0.004	753	0.5	0.012	4.19	15.9	0.09
	St. Deviation	1.3	NA	NA	NA	0.8	NA	6	0.22	0.003	0.51	0.005	0.0013	1.74	0.004	117	0.09	0.017	0.6	137	0.8
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	10.8	168	6	195	0.26	32	3.1	0.04	0.025	3.5	0.0015	0.0015	2.3	0.003	601	0.35	0.01	4.08	7.8	0.02
	Maximum	13.3	168	6	195	1.8	32	14	0.48	0.03	4.52	0.01	0.004	5.6	0.01	832	0.5	0.04	5.17	249	1.49
	% of values undetected			100%	100%	67%				100%		100%	100%		100%		67%				
	# of values between MDL and MRL		1						1					2			1	2			1
Empetrum nigrum-Berry-TE22																					
	Sample Date																				
	08/29/04	13.0	721	0.7	879	0.7	117	25	0.025	0.025	2.8	0.0015	0.0035	5.7	0.0035	622	0.4	0.03	2.85	86.4	0.49
	08/28/06	14.4				0.13		8.4	0.04	0.025	3.25	0.01	0.0015	4.4	0.01	571	0.5	0.008	4.47	13.5	0.02
	09/13/07	11.6				0.305		2.9	0.06	0.025	3.56	0.003	0.0025	6.6	0.003	542	0.35	0.013	3.65	17	0.04
	Mean	13.0	721	0.7	879	0.38	117	12	0.042	0.025	3.2	0.005	0.0025	5.57	0.006	578	0.42	0.017	3.66	39	0.18
	Median	13.0	721	0.7	879	0.305	117	8.4	0.04	0.025	3.25	0.003	0.0025	5.7	0.0035	571	0.4	0.013	3.65	17	0.04
	St. Deviation	1.4	NA	NA	NA	0.29	NA	12	0.018	0	0.38	0.005	0.001	1.11	0.004	41	0.08	0.012	0.81	41.1	0.27
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	11.6	721	0.7	879	0.13	117	2.9	0.025	0.025	2.8	0.0015	0.0015	4.4	0.003	542	0.35	0.008	2.85	13.5	0.02
	Maximum	14.4	721	0.7	879	0.7	117	25	0.06	0.025	3.56	0.01	0.0035	6.6	0.01	622	0.5	0.03	4.47	86.4	0.49
	% of values undetected			100%		100%			33%	100%		100%	100%		100%		67%				
	# of values between MDL and MRL								1					2			1	2			2
Empetrum nigrum-TE18																					
	Sample Date																				
	08/18/04	52.3	326	11.7	184	0.15	6.5	1070	0.01	0.17	23.5	0.005	0.0035	12.4	0.011	5030	6.1	0.35	7.08	996	0.3
	08/29/06	40				0.05		369	0.02	0.06	15	0.002	0.0015	9.6	0.01	4630	1.8	0.112	4.99	265	0.12
	09/14/07	39				0.09		9	0.015	0.025	18.1	0.003	0.0025	11.3	0.03	4080	0.35	0.047	5.7	28.4	0.45
	Mean	43.8	326	11.7	184	0.1	6.5	480	0.015	0.09	18.9	0.0033	0.0025	11.1	0.017	4580	2.8	0.17	5.92	430	0.29
	Median	40	326	11.7	184	0.09	6.5	369	0.015	0.06	18.1	0.003	0.0025	11.3	0.011	4630	1.8	0.112	5.7	265	0.3
	St. Deviation	7.4	NA	NA	NA	0.05	NA	540	0.005	0.08	4.3	0.0015	0.001	1.4	0.011	480	3	0.16	1.06	504	0.17
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	39	326	11.7	184	0.05	6.5	9	0.01	0.025	15	0.002	0.0015	9.6	0.01	4080	0.35	0.047	4.99	28.4	0.12
	Maximum	52.3	326	11.7	184	0.15	6.5	1070	0.02	0.17	23.5	0.005	0.0035	12.4	0.03	5030	6.1	0.35	7.08	996	0.45
	% of values undetected					100%			100%	33%		67%	100%		33%		33%				
	# of values between MDL and MRL				1					2		1		1	2		1				
Empetrum nigrum-TE20																					
	Sample Date																				
	08/18/04	54.9	714	7.9	191	0.15	6.0	56.8	0.03	0.025	30.2	0.0015	0.0035	21.3	0.017	4880	0.3	0.11	4.47	53.6	0.32
	08/29/06	45.3				0.10		66.7	0.02	0.025	38.2	0.01	0.0015	28.5	0.01	5850	0.5	0.082	4.82	77.1	0.14
	Mean	50.1	714	7.9	191	0.1	6.0	61.8	0.025	0.025	34.2	0.01	0.0025	24.9	0.01	5370	0.4	0.1	4.65	65.4	0.23
	Median	50.1	714	7.9	191	0.1	6.0	61.8	0.025	0.025	34.2	0.01	0.0025	24.9	0.01	5370	0.4	0.1	4.65	65.4	0.23
	St. Deviation	6.8	NA	NA	NA	0	NA	7	0.007	0	5.7	0.01	0.0014	5.1	0	690	0.14	0.02	0.25	16.6	0.13
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	45.3	714	7.9	191	0.1	6	56.8	0.02	0.025	30.2	0.0015	0.0015	21.3	0.01	4880	0.3	0.082	4.47	53.6	0.14
	Maximum	54.9	714	7.9	191	0.15	6	66.7	0.03	0.025	38.2	0.01	0.0035	28.5	0.017	5850	0.5	0.11	4.82	77.1	0.32
	% of values undetected					50%			50%	100%		100%	100%		50%		50%				
	# of values between MDL and MRL				1	1	1		1					1			1				

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Empetrum nigrum-Berry-TE21														
	Sample Date													
	08/28/04	486	31.3	0.022	0.03	67.3	9060	0.05	0.007	469	0.001	2.5	0.14	18.8
	08/28/06	403	13.9	0.01	0.025	0.73	6880	0.05	0.003	213	0.01	9.9	0.01	4.5
	09/13/07	464	29.1	0.013	0.13	0.73	8730	0.1	0.004	161	0.001	4.9	0.1	3.95
	Mean	451	24.8	0.015	0.06	23	8220	0.07	0.0047	281	0.004	5.8	0.08	9.1
	Median	464	29.1	0.013	0.03	0.73	8730	0.05	0.004	213	0.001	4.9	0.1	4.5
	St. Deviation	43	9.5	0.006	0.06	38	1180	0.03	0.0021	165	0.005	3.8	0.07	8.4
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	403	13.9	0.01	0.025	0.73	6880	0.05	0.003	161	0.001	2.5	0.01	3.95
	Maximum	486	31.3	0.022	0.13	67.3	9060	0.1	0.007	469	0.01	9.9	0.14	18.8
	% of values undetected			33%	67%			100%	67%		100%	67%	33%	
	# of values between MDL and MRL			2					1			1	2	
Empetrum nigrum-Berry-TE22														
	Sample Date													
	08/29/04	350	15	0.01	0.025	23.4	7420	0.05	0.0015	235	0.001	2.5	0.09	5.2
	08/28/06	364	16.1	0.012	0.07	1.3	6980	0.05	0.003	150	0.01	5	0.01	4.4
	09/13/07	396	18.1	0.017	0.14	0.53	7480	0.1	0.004	282	0.002	2.45	0.12	4.97
	Mean	370	16.4	0.013	0.08	8	7290	0.07	0.0028	222	0.004	3.3	0.07	4.9
	Median	364	16.1	0.012	0.07	1.3	7420	0.05	0.003	235	0.002	2.5	0.09	4.97
	St. Deviation	24	1.6	0.004	0.06	13	270	0.03	0.0013	67	0.005	1.5	0.06	0.4
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	350	15	0.01	0.025	0.53	6980	0.05	0.0015	150	0.001	2.45	0.01	4.4
	Maximum	396	18.1	0.017	0.14	23.4	7480	0.1	0.004	282	0.01	5	0.12	5.2
	% of values undetected			33%	33%			100%	100%		67%	67%	33%	
	# of values between MDL and MRL			2							1	1	2	
Empetrum nigrum-TE18														
	Sample Date													
	08/18/04	1200	114	0.053	0.06	17	4670	0.05	0.002	89.3	0.003	2.5	1.7	11.6
	08/29/06	1180	61.8	0.016	0.01	3.94	6450	0.1	0.003	56.2	0.01	10.1	0.41	13.9
	09/14/07	1300	190	0.006	0.06	1.18	5260	0.1	0.004	39.9	0.001	2.45	0.14	15.7
	Mean	1200	122	0.025	0.043	7.4	5460	0.08	0.003	61.8	0.005	5	0.8	13.7
	Median	1200	114	0.016	0.06	3.94	5260	0.1	0.003	56.2	0.003	2.5	0.41	13.9
	St. Deviation	100	64	0.025	0.029	8.5	910	0.03	0.001	25.2	0.005	4.4	0.8	2.1
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1180	61.8	0.006	0.01	1.18	4670	0.05	0.002	39.9	0.001	2.45	0.14	11.6
	Maximum	1300	190	0.053	0.06	17	6450	0.1	0.004	89.3	0.01	10.1	1.7	15.7
	% of values undetected				33%			100%	100%		67%	100%		
	# of values between MDL and MRL			2							1		1	
Empetrum nigrum-TE20														
	Sample Date													
	08/18/04	1010	630	0.052	1.06	8.77	3450	0.05	0.0015	72.7	0.004	2.5	0.21	16.8
	08/29/06	1840	353	0.021	0.15	2.83	5950	0.05	0.003	83.3	0.01	10.1	0.08	20.1
	Mean	1430	492	0.037	0.6	5.8	4700	0.05	0.002	78	0.007	6	0.1	18.5
	Median	1430	492	0.037	0.6	5.8	4700	0.05	0.002	78	0.007	6	0.1	18.5
	St. Deviation	590	196	0.022	0.6	4.2	1770	0	0.001	7.5	0.004	5	0.1	2.3
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1010	353	0.021	0.15	2.83	3450	0.05	0.0015	72.7	0.004	2.5	0.08	16.8
	Maximum	1840	630	0.052	1.06	8.77	5950	0.05	0.003	83.3	0.01	10.1	0.21	20.1
	% of values undetected							100%	100%		50%	100%		
	# of values between MDL and MRL										1		1	

2004-2007 Transportation Corridor Cook Inlet Drainage Terrestrial Plant Results Summary

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Empetrum nigrum-TE21																					
	Sample Date																				
	08/28/04	42.7	442	0.4	475	0.7	3.75	40	0.025	0.025	25.2	0.0015	0.0035	31.4	0.0035	5100	0.4	0.07	3.31	50.4	0.19
	08/28/06	45.1				0.045		11.3	0.02	0.025	18.2	0.01	0.0015	16.5	0.01	5220	0.5	0.033	4.6	24.8	0.07
	09/13/07	45.3				0.08		18.6	0.11	0.06	35.7	0.003	0.0025	15.5	0.008	5280	0.35	0.046	3.67	29.2	0.08
	Mean	44.4	442	0.4	475	0.28	3.75	23.3	0.05	0.037	26.4	0.005	0.0025	21.1	0.007	5200	0.42	0.05	3.86	34.8	0.11
	Median	45.1	442	0.4	475	0.08	3.75	18.6	0.025	0.025	25.2	0.003	0.0025	16.5	0.008	5220	0.4	0.046	3.67	29.2	0.08
	St. Deviation	1.4	NA	NA	NA	0.37	NA	14.9	0.05	0.02	8.8	0.005	0.001	8.9	0.003	90	0.08	0.019	0.67	13.7	0.07
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	42.7	442	0.4	475	0.045	3.75	11.3	0.02	0.025	18.2	0.0015	0.0015	15.5	0.0035	5100	0.35	0.033	3.31	24.8	0.07
	Maximum	45.3	442	0.4	475	0.7	3.75	40	0.11	0.06	35.7	0.01	0.0035	31.4	0.01	5280	0.5	0.07	4.6	50.4	0.19
	% of values undetected					100%	100%		67%	67%		100%	100%		67%		67%				
	# of values between MDL and MRL			1						1				1	1		1				
Empetrum nigrum-TE22																					
	Sample Date																				
	08/29/04	54.1	244	0.2	662	0.7	3.75	53.1	0.025	0.025	23.5	0.0015	0.0035	23.3	0.007	5720	0.3	0.07	1.86	52.9	0.28
	08/28/06	44				0.12		21.1	0.02	0.025	16.5	0.01	0.005	14.6	0.01	4060	0.5	0.028	3.93	25.6	0.04
	09/13/07	43.5				0.085		15.2	0.11	0.06	25.7	0.003	0.0025	19.7	0.012	4770	0.35	0.051	4.21	26.3	0.09
	Mean	47.2	244	0.2	662	0.3	3.75	29.8	0.05	0.037	21.9	0.005	0.0037	19.2	0.01	4850	0.38	0.05	3.33	34.9	0.14
	Median	44	244	0.2	662	0.12	3.75	21.1	0.025	0.025	23.5	0.003	0.0035	19.7	0.01	4770	0.35	0.051	3.93	26.3	0.09
	St. Deviation	6	NA	NA	NA	0.35	NA	20.4	0.05	0.02	4.8	0.005	0.0013	4.4	0.003	830	0.1	0.021	1.28	15.6	0.13
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	43.5	244	0.2	662	0.085	3.75	15.2	0.02	0.025	16.5	0.0015	0.0025	14.6	0.007	4060	0.3	0.028	1.86	25.6	0.04
	Maximum	54.1	244	0.2	662	0.7	3.75	53.1	0.11	0.06	25.7	0.01	0.005	23.3	0.012	5720	0.5	0.07	4.21	52.9	0.28
	% of values undetected			100%		67%	100%		67%	67%		100%	67%		33%		67%				
	# of values between MDL and MRL					1				1			1	1	2		1				1
Equisetum pratense-TE20																					
	Sample Date																				
	08/18/04	23.5	23600	30.0	15500	0.15	952	68.2	0.03	0.025	54.8	0.01	0.0035	31.7	0.015	17900	1	0.7	5.7	102	0.19
	08/29/06	25.7				0.08		79.9	0.02	0.18	46.4	0.01	0.0015	34.3	0.026	22300	0.5	0.679	5.82	126	0.05
	Mean	24.6	23600	30	15500	0.1	952	74.1	0.025	0.1	50.6	0.01	0.0025	33	0.021	20100	0.8	0.69	5.8	114	0.1
	Median	24.6	23600	30	15500	0.1	952	74.1	0.025	0.1	50.6	0.01	0.0025	33	0.021	20100	0.8	0.69	5.8	114	0.1
	St. Deviation	1.6	NA	NA	NA	0	NA	8.3	0.007	0.11	5.9	0	0.0014	1.8	0.008	3100	0.4	0.01	0.1	17	0.1
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	23.5	23600	30	15500	0.08	952	68.2	0.02	0.025	46.4	0.01	0.0015	31.7	0.015	17900	0.5	0.679	5.7	102	0.05
	Maximum	25.7	23600	30	15500	0.15	952	79.9	0.03	0.18	54.8	0.01	0.0035	34.3	0.026	22300	1	0.7	5.82	126	0.19
	% of values undetected					100%			50%	50%		50%	100%				50%				
	# of values between MDL and MRL								1	1		1			2						
Flavocetraria cucullata-TE22																					
	Sample Date																				
	08/29/04	44.4	242	0.1	118	0.7	3.75	149	0.18	0.07	3.4	0.0015	0.0035	2.5	0.045	1240	0.6	0.08	0.75	153	1.09
	08/28/06	79				0.42		397	0.05	0.08	6.23	0.01	0.02	1.5	0.06	2020	2.2	0.093	1.17	298	0.88
	09/13/07	37.2				0.25		189	0.14	0.14	2.87	0.003	0.0025	0.2	0.045	1070	2.8	0.083	2.34	200	0.78
	Mean	53.5	242	0.1	118	0.46	3.75	245	0.12	0.1	4.17	0.005	0.009	1.4	0.05	1440	1.9	0.085	1.42	217	0.9
	Median	44.4	242	0.1	118	0.42	3.75	189	0.14	0.08	3.4	0.003	0.0035	1.5	0.045	1240	2.2	0.083	1.17	200	0.88
	St. Deviation	22.3	NA	NA	NA	0.23	NA	133	0.07	0.04	1.81	0.005	0.01	1.15	0.009	510	1.1	0.007	0.82	74	0.2
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	37.2	242	0.1	118	0.25	3.75	149	0.05	0.07	2.87	0.0015	0.0025	0.2	0.045	1070	0.6	0.08	0.75	153	0.78
	Maximum	79	242	0.1	118	0.7	3.75	397	0.18	0.14	6.23	0.01	0.02	2.5	0.06	2020	2.8	0.093	2.34	298	1.09
	% of values undetected			100%		33%	100%					100%	67%	100%							
	# of values between MDL and MRL					1				3			1		2		1				

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Empetrum nigrum-TE21														
	Sample Date													
	08/28/04	1490	285	0.03	0.025	2.08	3850	0.05	0.0015	68.5	0.001	2.5	0.14	16.5
	08/28/06	1660	155	0.018	0.06	1.52	6130	0.05	0.003	65.2	0.01	10.1	0.01	12
	09/13/07	1630	184	0.012	0.13	1.22	4940	0.1	0.004	45.6	0.001	2.55	0.16	10.1
	Mean	1590	208	0.02	0.07	1.61	4970	0.07	0.0028	59.8	0.004	5.1	0.1	12.9
	Median	1630	184	0.018	0.06	1.52	4940	0.05	0.003	65.2	0.001	2.55	0.14	12
	St. Deviation	90	68	0.009	0.05	0.44	1140	0.03	0.0013	12.4	0.005	4.4	0.08	3.3
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1490	155	0.012	0.025	1.22	3850	0.05	0.0015	45.6	0.001	2.5	0.01	10.1
	Maximum	1660	285	0.03	0.13	2.08	6130	0.1	0.004	68.5	0.01	10.1	0.16	16.5
	% of values undetected				33%			100%	100%		100%	100%	33%	
	# of values between MDL and MRL			2									2	
Empetrum nigrum-TE22														
	Sample Date													
	08/29/04	1430	233	0.029	0.025	3.07	3580	0.05	0.0015	23.8	0.001	2.5	0.19	9.7
	08/28/06	1430	155	0.012	0.11	2.7	6190	0.05	0.003	66.1	0.01	5.8	0.02	10.5
	09/13/07	1370	222	0.011	0.13	1.39	5360	0.1	0.004	129	0.001	2.55	0.19	11.5
	Mean	1410	203	0.017	0.09	2.39	5040	0.07	0.0028	73	0.004	3.6	0.13	10.6
	Median	1430	222	0.012	0.11	2.7	5360	0.05	0.003	66.1	0.001	2.55	0.19	10.5
	St. Deviation	30	42	0.01	0.06	0.88	1330	0.03	0.0013	53	0.005	1.9	0.1	0.9
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1370	155	0.011	0.025	1.39	3580	0.05	0.0015	23.8	0.001	2.5	0.02	9.7
	Maximum	1430	233	0.029	0.13	3.07	6190	0.1	0.004	129	0.01	5.8	0.19	11.5
	% of values undetected				33%			100%	100%		100%	67%		
	# of values between MDL and MRL			2								1	3	
Equisetum pratense-TE20														
	Sample Date													
	08/18/04	3240	57.2	0.048	1.46	5.01	29200	0.5	0.007	412	0.072	2.5	0.18	19.7
	08/29/06	3020	86.1	0.018	2.06	6.66	26600	0.9	0.003	436	0.06	1.5	0.14	26.7
	Mean	3130	71.7	0.033	1.76	5.84	27900	0.7	0.005	424	0.07	2	0.16	23.2
	Median	3130	71.7	0.033	1.76	5.84	27900	0.7	0.005	424	0.07	2	0.16	23.2
	St. Deviation	160	20.4	0.021	0.42	1.17	1800	0.28	0.0028	17	0.01	0.7	0.03	4.9
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	3020	57.2	0.018	1.46	5.01	26600	0.5	0.003	412	0.06	1.5	0.14	19.7
	Maximum	3240	86.1	0.048	2.06	6.66	29200	0.9	0.007	436	0.072	2.5	0.18	26.7
	% of values undetected							50%				100%		
	# of values between MDL and MRL			1				2	1				2	
Flavocetraria cucullata-TE22														
	Sample Date													
	08/29/04	1060	36.3	0.028	0.025	2.22	727	0.05	0.009	386	0.003	2.5	0.38	15.5
	08/28/06	1010	72.2	0.019	0.06	6.27	944	0.1	0.003	420	0.01	5.9	0.54	12.1
	09/13/07	612	43.1	0.038	0.12	0.74	1420	0.2	0.013	974	0.005	2.55	0.43	14.8
	Mean	890	50.5	0.028	0.07	3.08	1030	0.12	0.008	593	0.006	3.7	0.45	14.1
	Median	1010	43.1	0.028	0.06	2.22	944	0.1	0.009	420	0.005	2.55	0.43	14.8
	St. Deviation	250	19.1	0.01	0.05	2.86	350	0.08	0.005	330	0.004	1.9	0.08	1.8
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	612	36.3	0.019	0.025	0.74	727	0.05	0.003	386	0.003	2.5	0.38	12.1
	Maximum	1060	72.2	0.038	0.12	6.27	1420	0.2	0.013	974	0.01	5.9	0.54	15.5
	% of values undetected				33%			33%	33%		33%	67%		
	# of values between MDL and MRL			1				2	2		2	1		

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Ledum decumbens-TE18																					
	Sample Date																				
	09/14/07	32.4				0.11		58.6	0.03	0.025	66.6	0.003	0.0025	9.7	0.036	5080	0.35	0.07	5.3	45.9	0.46
	Mean	32.4				0.11		58.6	0.03	0.025	66.6	0.003	0.0025	9.7	0.036	5080	0.35	0.07	5.3	45.9	0.46
	Median	32.4				0.11		58.6	0.03	0.025	66.6	0.003	0.0025	9.7	0.036	5080	0.35	0.07	5.3	45.9	0.46
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	32.4	0	0	0	0.11	0	58.6	0.03	0.025	66.6	0.003	0.0025	9.7	0.036	5080	0.35	0.07	5.3	45.9	0.46
	Maximum	32.4	0	0	0	0.11	0	58.6	0.03	0.025	66.6	0.003	0.0025	9.7	0.036	5080	0.35	0.07	5.3	45.9	0.46
	% of values undetected					100%				100%		100%	100%				100%				
	# of values between MDL and MRL								1					1	1						
Ledum decumbens-TE20																					
	Sample Date																				
	09/14/07	40				0.09		21.5	0.015	0.025	54.4	0.003	0.0505	15.3	0.056	4770	0.8	0.052	6.1	24.6	0.65
	Mean	40				0.09		21.5	0.015	0.025	54.4	0.003	0.0505	15.3	0.056	4770	0.8	0.052	6.1	24.6	0.65
	Median	40				0.09		21.5	0.015	0.025	54.4	0.003	0.0505	15.3	0.056	4770	0.8	0.052	6.1	24.6	0.65
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	40	0	0	0	0.09	0	21.5	0.015	0.025	54.4	0.003	0.0505	15.3	0.056	4770	0.8	0.052	6.1	24.6	0.65
	Maximum	40	0	0	0	0.09	0	21.5	0.015	0.025	54.4	0.003	0.0505	15.3	0.056	4770	0.8	0.052	6.1	24.6	0.65
	% of values undetected					100%			100%	100%		100%	100%								
	# of values between MDL and MRL																	1			
Ledum palustre-TE18																					
	Sample Date																				
	08/18/04	19.3	3970	29.2	1280	0.15	713	104	0.01	0.025	6.7	0.0015	0.0035	22.1	0.258	7800	0.6	0.2	12.4	132	0.1
	08/29/06	38.4				0.055		134	0.05	0.03	38.5	0.002	0.0015	7.6	0.01	4940	0.5	0.056	3.39	117	0.1
	Mean	28.9	3970	29.2	1280	0.1	713	119	0.03	0.03	23	0.002	0.0025	15	0.13	6370	0.55	0.1	7.9	125	0.1
	Median	28.9	3970	29.2	1280	0.1	713	119	0.03	0.03	23	0.002	0.0025	15	0.13	6370	0.55	0.1	7.9	125	0.1
	St. Deviation	13.5	NA	NA	NA	0.07	NA	21	0.028	0	22	0	0.0014	10	0.18	2020	0.07	0.1	6.4	11	0
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	19.3	3970	29.2	1280	0.055	713	104	0.01	0.025	6.7	0.0015	0.0015	7.6	0.01	4940	0.5	0.056	3.39	117	0.1
	Maximum	38.4	3970	29.2	1280	0.15	713	134	0.05	0.03	38.5	0.002	0.0035	22.1	0.258	7800	0.6	0.2	12.4	132	0.1
	% of values undetected					100%			50%	100%		100%	100%		50%		50%				
	# of values between MDL and MRL													1				1			
Ledum palustre-TE20																					
	Sample Date																				
	08/18/04	52.4	252	10.5	448	0.15	6.6	44.8	0.02	0.025	74.9	0.0015	0.0035	24.2	0.007	5490	0.15	0.08	4.36	38.9	0.21
	08/29/06	48.4				0.19		26.9	0.02	0.025	48.7	0.01	0.021	14.5	0.01	4890	0.5	0.046	3.88	28.6	0.06
	Mean	50.4	252	10.5	448	0.17	6.6	35.9	0.02	0.025	61.8	0.01	0.012	19.4	0.009	5190	0.3	0.06	4.12	33.8	0.1
	Median	50.4	252	10.5	448	0.17	6.6	35.9	0.02	0.025	61.8	0.01	0.012	19.4	0.009	5190	0.3	0.06	4.12	33.8	0.1
	St. Deviation	2.8	NA	NA	NA	0.03	NA	12.7	0	0	18.5	0.01	0.012	6.9	0.002	420	0.2	0.02	0.34	7.3	0.1
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	48.4	252	10.5	448	0.15	6.6	26.9	0.02	0.025	48.7	0.0015	0.0035	14.5	0.007	4890	0.15	0.046	3.88	28.6	0.06
	Maximum	52.4	252	10.5	448	0.19	6.6	44.8	0.02	0.025	74.9	0.01	0.021	24.2	0.01	5490	0.5	0.08	4.36	38.9	0.21
	% of values undetected					50%			50%	100%		100%	50%		50%		100%				
	# of values between MDL and MRL					1			1				1	1	1						

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Ledum decumbens-TE18														
	Sample Date													
	09/14/07	1260	366	0.014	0.1	1.36	5650	0.1	0.004	38.7	0.038	2.45	0.25	33.9
	Mean	1260	366	0.014	0.1	1.36	5650	0.1	0.004	38.7	0.038	2.45	0.25	33.9
	Median	1260	366	0.014	0.1	1.36	5650	0.1	0.004	38.7	0.038	2.45	0.25	33.9
	St. Deviation	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
	Minimum	1260	366	0.014	0.1	1.36	5650	0.1	0.004	38.7	0.038	2.45	0.25	33.9
	Maximum	1260	366	0.014	0.1	1.36	5650	0.1	0.004	38.7	0.038	2.45	0.25	33.9
	% of values undetected							100%	100%			100%		
	# of values between MDL and MRL			1										
Ledum decumbens-TE20														
	Sample Date													
	09/14/07	1580	524	0.013	0.09	1	4810	0.1	0.004	55.8	0.085	2.5	0.17	26
	Mean	1580	524	0.013	0.09	1	4810	0.1	0.004	55.8	0.085	2.5	0.17	26
	Median	1580	524	0.013	0.09	1	4810	0.1	0.004	55.8	0.085	2.5	0.17	26
	St. Deviation	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
	Minimum	1580	524	0.013	0.09	1	4810	0.1	0.004	55.8	0.085	2.5	0.17	26
	Maximum	1580	524	0.013	0.09	1	4810	0.1	0.004	55.8	0.085	2.5	0.17	26
	% of values undetected							100%	100%			100%		
	# of values between MDL and MRL			1									1	
Ledum palustre-TE18														
	Sample Date													
	08/18/04	2610	88.4	0.05	0.1	3.63	39200	0.05	0.002	184	0.001	2.5	0.29	26.5
	08/29/06	1230	290	0.023	0.03	1.45	6300	0.1	0.003	33.8	0.04	10.1	0.29	28.3
	Mean	1920	189	0.04	0.07	2.54	22800	0.08	0.0025	109	0.021	6	0.29	27.4
	Median	1920	189	0.04	0.07	2.54	22800	0.08	0.0025	109	0.021	6	0.29	27.4
	St. Deviation	980	143	0.02	0.05	1.54	23300	0.04	0.0007	106	0.028	5	0	1.3
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1230	88.4	0.023	0.03	1.45	6300	0.05	0.002	33.8	0.001	2.5	0.29	26.5
	Maximum	2610	290	0.05	0.1	3.63	39200	0.1	0.003	184	0.04	10.1	0.29	28.3
	% of values undetected							100%	100%		50%	100%		
	# of values between MDL and MRL				1									
Ledum palustre-TE20														
	Sample Date													
	08/18/04	1250	886	0.054	0.58	1.17	4050	0.05	0.0015	59.2	0.092	2.5	0.15	30.0
	08/29/06	1620	763	0.025	0.19	1.52	5320	0.05	0.003	35.8	0.06	10.1	0.02	31.8
	Mean	1440	825	0.04	0.39	1.35	4690	0.05	0.002	47.5	0.08	6	0.1	31.0
	Median	1440	825	0.04	0.39	1.35	4690	0.05	0.002	47.5	0.08	6	0.1	31.0
	St. Deviation	260	87	0.021	0.28	0.25	900	0	0.001	16.5	0.02	5	0.1	1
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1250	763	0.025	0.19	1.17	4050	0.05	0.0015	35.8	0.06	2.5	0.02	30
	Maximum	1620	886	0.054	0.58	1.52	5320	0.05	0.003	59.2	0.092	10.1	0.15	31.8
	% of values undetected							100%	100%			100%		
	# of values between MDL and MRL												2	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Leymus arenarius-TE19																					
	Sample Date																				
	08/29/06	31.3				0.065		2.9	0.05	0.1	0.74	0.002	0.025	11.7	0.01	1510	2.1	0.011	3.06	44.2	0.03
	Mean	31.3				0.065		2.9	0.05	0.1	0.74	0.002	0.025	11.7	0.01	1510	2.1	0.011	3.06	44.2	0.03
	Median	31.3				0.065		2.9	0.05	0.1	0.74	0.002	0.025	11.7	0.01	1510	2.1	0.011	3.06	44.2	0.03
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	31.3	0	0	0	0.065	0	2.9	0.05	0.1	0.74	0.002	0.025	11.7	0.01	1510	2.1	0.011	3.06	44.2	0.03
	Maximum	31.3	0	0	0	0.065	0	2.9	0.05	0.1	0.74	0.002	0.025	11.7	0.01	1510	2.1	0.011	3.06	44.2	0.03
	% of values undetected					100%						100%	100%		100%						
	# of values between MDL and MRL									1				1				1			1
Leymus arenarius-TE20																					
	Sample Date																				
	08/18/04	37.7	10400	15.1	1780	0.15	331	2	0.01	0.025	0.8	0.0015	0.0035	9.7	0.0035	1170	0.15	0.02	4.64	33.6	0.02
	Mean	37.7	10400	15.1	1780	0.15	331	2	0.01	0.025	0.8	0.0015	0.0035	9.7	0.0035	1170	0.15	0.02	4.64	33.6	0.02
	Median	37.7	10400	15.1	1780	0.15	331	2	0.01	0.025	0.8	0.0015	0.0035	9.7	0.0035	1170	0.15	0.02	4.64	33.6	0.02
	St. Deviation	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
	Minimum	37.7	10400	15.1	1780	0.15	331	2	0.01	0.025	0.8	0.0015	0.0035	9.7	0.0035	1170	0.15	0.02	4.64	33.6	0.02
	Maximum	37.7	10400	15.1	1780	0.15	331	2	0.01	0.025	0.8	0.0015	0.0035	9.7	0.0035	1170	0.15	0.02	4.64	33.6	0.02
	% of values undetected					100%		100%	100%	100%		100%	100%		100%		100%				
	# of values between MDL and MRL																				1
Leymus mollis-TE19																					
	Sample Date																				
	09/14/07	26.5				0.145		7.7	0.015	0.17	1.35	0.003	0.05	4.9	0.067	1610	1.8	0.02	3.3	40.3	0.6
	Mean	26.5				0.145		7.7	0.015	0.17	1.35	0.003	0.05	4.9	0.067	1610	1.8	0.02	3.3	40.3	0.6
	Median	26.5				0.145		7.7	0.015	0.17	1.35	0.003	0.05	4.9	0.067	1610	1.8	0.02	3.3	40.3	0.6
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	26.5	0	0	0	0.145	0	7.7	0.015	0.17	1.35	0.003	0.05	4.9	0.067	1610	1.8	0.02	3.3	40.3	0.6
	Maximum	26.5	0	0	0	0.145	0	7.7	0.015	0.17	1.35	0.003	0.05	4.9	0.067	1610	1.8	0.02	3.3	40.3	0.6
	% of values undetected					100%			100%			100%	100%								
	# of values between MDL and MRL									1				1				1			
Oplopanax horridus-Berry-TE19																					
	Sample Date																				
	08/29/06	25.3				0.08		2.5	0.04	0.025	0.9	0.01	0.022	20.3	0.01	1660	0.5	0.093	7.76	26.9	0.01
	Mean	25.3				0.08		2.5	0.04	0.025	0.9	0.01	0.022	20.3	0.01	1660	0.5	0.093	7.76	26.9	0.01
	Median	25.3				0.08		2.5	0.04	0.025	0.9	0.01	0.022	20.3	0.01	1660	0.5	0.093	7.76	26.9	0.01
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	25.3	0	0	0	0.08	0	2.5	0.04	0.025	0.9	0.01	0.022	20.3	0.01	1660	0.5	0.093	7.76	26.9	0.01
	Maximum	25.3	0	0	0	0.08	0	2.5	0.04	0.025	0.9	0.01	0.022	20.3	0.01	1660	0.5	0.093	7.76	26.9	0.01
	% of values undetected					100%				100%		100%			100%		100%				100%
	# of values between MDL and MRL								1				1								

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Leymus arenarius-TE19														
	Sample Date													
	08/29/06	1090	10.7	0.016	0.66	2.4	26800	0.1	0.003	376	0.01	10	0.05	11.4
	Mean	1090	10.7	0.016	0.66	2.4	26800	0.1	0.003	376	0.01	10	0.05	11.4
	Median	1090	10.7	0.016	0.66	2.4	26800	0.1	0.003	376	0.01	10	0.05	11.4
	St. Deviation	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
	Minimum	1090	10.7	0.016	0.66	2.4	26800	0.1	0.003	376	0.01	10	0.05	11.4
	Maximum	1090	10.7	0.016	0.66	2.4	26800	0.1	0.003	376	0.01	10	0.05	11.4
	% of values undetected							100%	100%		100%	100%		
	# of values between MDL and MRL			1									1	
Leymus arenarius-TE20														
	Sample Date													
	08/18/04	1100	15	0.048	0.45	3.24	21500	0.2	0.002	261	0.001	2.5	0.1	16.4
	Mean	1100	15	0.048	0.45	3.24	21500	0.2	0.002	261	0.001	2.5	0.1	16.4
	Median	1100	15	0.048	0.45	3.24	21500	0.2	0.002	261	0.001	2.5	0.1	16.4
	St. Deviation	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
	Minimum	1100	15	0.048	0.45	3.24	21500	0.2	0.002	261	0.001	2.5	0.1	16.4
	Maximum	1100	15	0.048	0.45	3.24	21500	0.2	0.002	261	0.001	2.5	0.1	16.4
	% of values undetected							100%		100%	100%			
	# of values between MDL and MRL							1					1	
Leymus mollis-TE19														
	Sample Date													
	09/14/07	1350	11.1	0.009	0.73	0.48	24800	0.4	0.004	817	0.001	2.5	0.11	10.6
	Mean	1350	11.1	0.009	0.73	0.48	24800	0.4	0.004	817	0.001	2.5	0.11	10.6
	Median	1350	11.1	0.009	0.73	0.48	24800	0.4	0.004	817	0.001	2.5	0.11	10.6
	St. Deviation	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
	Minimum	1350	11.1	0.009	0.73	0.48	24800	0.4	0.004	817	0.001	2.5	0.11	10.6
	Maximum	1350	11.1	0.009	0.73	0.48	24800	0.4	0.004	817	0.001	2.5	0.11	10.6
	% of values undetected							100%		100%	100%			
	# of values between MDL and MRL			1				1					1	
Oplopanax horridus-Berry-TE19														
	Sample Date													
	08/29/06	1440	65	0.005	0.21	1.85	17900	0.05	0.009	178	0.01	10.05	0.01	19.3
	Mean	1440	65	0.005	0.21	1.85	17900	0.05	0.009	178	0.01	10.05	0.01	19.3
	Median	1440	65	0.005	0.21	1.85	17900	0.05	0.009	178	0.01	10.05	0.01	19.3
	St. Deviation	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
	Minimum	1440	65	0.005	0.21	1.85	17900	0.05	0.009	178	0.01	10.05	0.01	19.3
	Maximum	1440	65	0.005	0.21	1.85	17900	0.05	0.009	178	0.01	10.05	0.01	19.3
	% of values undetected							100%		100%	100%	100%		
	# of values between MDL and MRL			1				1						

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Oplopanax horridus-TE19																					
	Sample Date																				
	08/18/04	26.7	3150	19.2	5670	0.15	1060	25.3	0.01	0.025	15.1	0.0015	0.0035	40.6	0.03	15300	0.3	0.26	7.02	58.2	0.06
	08/29/06	26.9				0.31		34.8	0.04	0.06	6.3	0.002	0.0015	22.9	0.01	13000	0.5	0.138	5.34	73.3	0.06
	09/14/07	17				0.84		16.9	0.04	0.07	5.19	0.003	0.05	28.5	0.073	11900	0.35	0.125	8	48.1	0.54
	Mean	23.5	3150	19.2	5670	0.43	1060	25.7	0.03	0.052	8.9	0.0022	0.018	30.7	0.038	13400	0.38	0.174	6.79	59.9	0.22
	Median	26.7	3150	19.2	5670	0.31	1060	25.3	0.04	0.06	6.3	0.002	0.0035	28.5	0.03	13000	0.35	0.138	7.02	58.2	0.06
	St. Deviation	5.7	NA	NA	NA	0.36	NA	9	0.017	0.024	5.4	0.0008	0.027	9	0.032	1700	0.1	0.074	1.35	12.7	0.28
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	17	3150	19.2	5670	0.15	1060	16.9	0.01	0.025	5.19	0.0015	0.0015	22.9	0.01	11900	0.3	0.125	5.34	48.1	0.06
	Maximum	26.9	3150	19.2	5670	0.84	1060	34.8	0.04	0.07	15.1	0.003	0.05	40.6	0.073	15300	0.5	0.26	8	73.3	0.54
	% of values undetected					33%			33%	33%		100%	100%		33%		67%				
	# of values between MDL and MRL					2			2	2					1		1				
Ptilium crista-castrensis-TE18																					
	Sample Date																				
	08/18/04	85.8	13.1	5.8	21	0.15	3.8	1140	0.05	0.25	8.4	0.008	0.013	2.5	0.035	1210	2.2	0.37	3.26	1010	2.17
	08/29/06	23.2				0.40		8390	0.02	1.65	41.4	0.046	0.0255	4.8	0.091	7500	90.2	2.92	19.1	11100	1.32
	09/14/07	9.14				0.385		230	0.06	0.07	22.3	0.003	0.051	3.7	0.087	4140	2.4	0.2	11.6	262	2.02
	Mean	39.4	13.1	5.8	21	0.31	3.8	3250	0.043	0.7	24	0.019	0.03	3.67	0.071	4280	32	1.2	11.3	4100	1.84
	Median	23.2	13.1	5.8	21	0.385	3.8	1140	0.05	0.25	22.3	0.008	0.0255	3.7	0.087	4140	2.4	0.37	11.6	1010	2.02
	St. Deviation	40.8	NA	NA	NA	0.14	NA	4470	0.021	0.9	16.6	0.024	0.019	1.15	0.031	3150	51	1.5	7.9	6100	0.45
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	9.14	13.1	5.8	21	0.15	3.8	230	0.02	0.07	8.4	0.003	0.013	2.5	0.035	1210	2.2	0.2	3.26	262	1.32
	Maximum	85.8	13.1	5.8	21	0.4	3.8	8390	0.06	1.65	41.4	0.046	0.051	4.8	0.091	7500	90.2	2.92	19.1	11100	2.17
	% of values undetected					67%			33%			33%	67%	33%							
	# of values between MDL and MRL		1			1	1			2		1	1	2	1						
Ptilium crista-castrensis-TE20																					
	Sample Date																				
	08/18/04	56.2	402	9.6	584	0.15	52.2	968	0.07	0.15	37.5	0.105	0.0035	2.5	0.075	4500	1.1	0.69	4.36	354	1.09
	08/29/06	43				0.22		1220	0.04	0.22	28.1	0.01	0.026	3.9	0.11	3240	5.5	0.353	6.54	1170	1.1
	09/14/07	9.06				0.345		314	0.12	0.1	12.3	0.003	0.049	3.6	0.151	3340	1.4	0.308	3.3	604	1.24
	Mean	36.1	402	9.6	584	0.24	52.2	830	0.08	0.16	26	0.04	0.026	3.33	0.11	3690	2.7	0.45	4.73	710	1.14
	Median	43	402	9.6	584	0.22	52.2	968	0.07	0.15	28.1	0.01	0.026	3.6	0.11	3340	1.4	0.353	4.36	604	1.1
	St. Deviation	24.3	NA	NA	NA	0.1	NA	470	0.04	0.06	12.7	0.06	0.023	0.74	0.04	700	2.5	0.209	1.65	420	0.08
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	9.06	402	9.6	584	0.15	52.2	314	0.04	0.1	12.3	0.003	0.0035	2.5	0.075	3240	1.1	0.308	3.3	354	1.09
	Maximum	56.2	402	9.6	584	0.345	52.2	1220	0.12	0.22	37.5	0.105	0.049	3.9	0.151	4500	5.5	0.69	6.54	1170	1.24
	% of values undetected					67%						67%	67%	33%							
	# of values between MDL and MRL					1			1	3			1	2			1				
Ptilium crista-castrensis-TE21																					
	Sample Date																				
	08/28/04	28.7	48	0.35	72	0.7	3.75	339	0.08	0.18	1.9	0.006	0.0035	2.45	0.026	818	1.6	0.16	1.7	405	1.07
	08/28/06	22				0.29		75.1	0.02	0.025	34.2	0.01	0.049	9.9	0.01	4860	0.5	0.032	3.01	29.7	0.05
	09/13/07	11.2				0.255		935	0.11	0.26	39.9	0.006	0.011	3.2	0.048	5060	2.8	0.234	3.94	1050	1.45
	Mean	20.6	48	0.35	72	0.42	3.75	450	0.07	0.16	25.3	0.007	0.021	5.18	0.028	3580	1.6	0.14	2.88	490	0.86
	Median	22	48	0.35	72	0.29	3.75	339	0.08	0.18	34.2	0.006	0.011	3.2	0.026	4860	1.6	0.16	3.01	405	1.07
	St. Deviation	8.8	NA	NA	NA	0.25	NA	441	0.05	0.12	20.5	0.002	0.024	4.1	0.019	2390	1.2	0.1	1.13	520	0.72
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	11.2	48	0.35	72	0.255	3.75	75.1	0.02	0.025	1.9	0.006	0.0035	2.45	0.01	818	0.5	0.032	1.7	29.7	0.05
	Maximum	28.7	48	0.35	72	0.7	3.75	935	0.11	0.26	39.9	0.01	0.049	9.9	0.048	5060	2.8	0.234	3.94	1050	1.45
	% of values undetected			100%		67%	100%		33%	33%		33%	33%	33%			33%				
	# of values between MDL and MRL					1				2		2	1	2	2						

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Oplopanax horridus-TE19														
	Sample Date													
	08/18/04	6740	570	0.064	0.15	2.98	14200	0.05	0.0015	2470	0.001	2.5	0.23	38.7
	08/29/06	4540	468	0.024	0.23	1.12	13000	0.1	0.007	5320	0.01	9.95	0.14	27.9
	09/14/07	3850	90.4	0.028	0.28	1.98	11200	0.1	0.004	15100	0.003	2.5	0.15	26.2
	Mean	5040	376	0.039	0.22	2.03	12800	0.08	0.0042	7600	0.005	5	0.17	30.9
	Median	4540	468	0.028	0.23	1.98	13000	0.1	0.004	5320	0.003	2.5	0.15	27.9
	St. Deviation	1510	253	0.022	0.07	0.93	1500	0.03	0.0028	6600	0.005	4.3	0.05	6.8
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	3850	90.4	0.024	0.15	1.12	11200	0.05	0.0015	2470	0.001	2.5	0.14	26.2
	Maximum	6740	570	0.064	0.28	2.98	14200	0.1	0.007	15100	0.01	9.95	0.23	38.7
	% of values undetected							100%	67%		67%	100%		
	# of values between MDL and MRL							1			1		2	
Ptilium crista-castrensis-TE18														
	Sample Date													
	08/18/04	768	32.2	0.121	0.06	21.3	537	0.4	0.007	124	0.014	2.5	2.13	7.4
	08/29/06	3340	250	0.041	0.11	209	4200	0.3	0.012	424	0.02	10.05	19	31.7
	09/14/07	1960	235	0.041	0.11	2.04	7160	0.1	0.012	163	0.009	2.55	0.55	35.9
	Mean	2020	172	0.07	0.09	77	3970	0.27	0.01	237	0.014	5	7	25.0
	Median	1960	235	0.041	0.11	21.3	4200	0.3	0.012	163	0.014	2.55	2.13	31.7
	St. Deviation	1290	122	0.05	0.03	114	3320	0.15	0.003	163	0.006	4.3	10	15.4
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	768	32.2	0.041	0.06	2.04	537	0.1	0.007	124	0.009	2.5	0.55	7.4
	Maximum	3340	250	0.121	0.11	209	7160	0.4	0.012	424	0.02	10.05	19	35.9
	% of values undetected							33%				100%		
	# of values between MDL and MRL							2	3		2			
Ptilium crista-castrensis-TE20														
	Sample Date													
	08/18/04	1480	162	0.085	0.52	4.39	3440	0.2	0.009	317	0.019	2.5	0.88	20.7
	08/29/06	1410	304	0.064	0.21	21.2	3690	0.3	0.014	382	0.03	1.5	1.96	29.6
	09/14/07	2610	289	0.046	0.09	1.1	6830	0.1	0.009	402	0.008	5.8	0.96	31.9
	Mean	1830	252	0.065	0.27	8.9	4650	0.2	0.011	367	0.019	3.3	1.3	27.4
	Median	1480	289	0.064	0.21	4.39	3690	0.2	0.009	382	0.019	2.5	0.96	29.6
	St. Deviation	670	78	0.02	0.22	10.8	1890	0.1	0.003	44	0.011	2.3	0.6	5.9
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1410	162	0.046	0.09	1.1	3440	0.1	0.009	317	0.008	1.5	0.88	20.7
	Maximum	2610	304	0.085	0.52	21.2	6830	0.3	0.014	402	0.03	5.8	1.96	31.9
	% of values undetected							33%				67%		
	# of values between MDL and MRL							2	3		2	1		
Ptilium crista-castrensis-TE21														
	Sample Date													
	08/28/04	881	7.57	0.119	0.06	5.82	430	0.3	0.008	319	0.007	2.45	0.95	7.6
	08/28/06	1360	887	0.109	0.025	1.47	4580	0.05	0.023	24.4	0.01	9.9	0.03	17.6
	09/13/07	1970	456	0.077	0.17	1.64	4270	0.4	0.015	262	0.03	2.5	1.13	21.1
	Mean	1400	450	0.102	0.09	2.98	3090	0.25	0.015	202	0.016	5	0.7	15.4
	Median	1360	456	0.109	0.06	1.64	4270	0.3	0.015	262	0.01	2.5	0.95	17.6
	St. Deviation	550	440	0.022	0.08	2.46	2310	0.18	0.008	156	0.013	4.3	0.6	7
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	881	7.57	0.077	0.025	1.47	430	0.05	0.008	24.4	0.007	2.45	0.03	7.6
	Maximum	1970	887	0.119	0.17	5.82	4580	0.4	0.023	319	0.03	9.9	1.13	21.1
	% of values undetected				33%			33%			33%	100%		
	# of values between MDL and MRL							2	2		1		1	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Ptilium crista-castrensis-TE23																					
	Sample Date																				
	08/29/06	20.7				0.7		2020	0.04	0.51	37.1	0.01	0.05	11.3	0.837	10100	6.1	1.34	10.1	2120	1.75
	09/13/07	9.46				0.33		456	0.11	0.18	17.8	0.003	0.023	2.5	0.166	5550	1.1	0.376	9.65	525	0.93
	Mean	15.1				0.5		1240	0.1	0.35	27.5	0.007	0.04	7	0.502	7800	3.6	0.86	9.9	1320	1.3
	Median	15.1				0.5		1240	0.1	0.35	27.5	0.007	0.04	7	0.502	7800	3.6	0.86	9.9	1320	1.3
	St. Deviation	7.9				0.3		1110	0	0.23	13.6	0.005	0.02	6	0.474	3200	3.5	0.68	0.3	1130	0.6
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	9.46	0	0	0	0.33	0	456	0.04	0.18	17.8	0.003	0.023	2.5	0.166	5550	1.1	0.376	9.65	525	0.93
	Maximum	20.7	0	0	0	0.7	0	2020	0.11	0.51	37.1	0.01	0.05	11.3	0.837	10100	6.1	1.34	10.1	2120	1.75
	% of values undetected					50%						100%									
	# of values between MDL and MRL					1			1	1			2	2			1				
Ptilium crista-castrensis-TE24																					
	Sample Date																				
	08/30/06	10.9				0.80		359	0.09	0.13	28.5	0.01	0.01	3.2	0.154	3570	0.5	0.147	5.28	344	1.7
	Mean	10.9				0.8		359	0.09	0.13	28.5	0.01	0.01	3.2	0.154	3570	0.5	0.147	5.28	344	1.7
	Median	10.9				0.8		359	0.09	0.13	28.5	0.01	0.01	3.2	0.154	3570	0.5	0.147	5.28	344	1.7
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	10.9	0	0	0	0.8	0	359	0.09	0.13	28.5	0.01	0.01	3.2	0.154	3570	0.5	0.147	5.28	344	1.7
	Maximum	10.9	0	0	0	0.8	0	359	0.09	0.13	28.5	0.01	0.01	3.2	0.154	3570	0.5	0.147	5.28	344	1.7
	% of values undetected											100%					100%				
	# of values between MDL and MRL					1				1			1	1							
Rubus spectabilis-Berry-TE24																					
	Sample Date																				
	08/30/06	14.9				0.44		2.7	0.02	0.03	1.02	0.002	0.01	8.2	0.005	712	0.5	0.01	5.43	27.9	0.025
	Mean	14.9				0.44		2.7	0.02	0.03	1.02	0.002	0.01	8.2	0.005	712	0.5	0.01	5.43	27.9	0.025
	Median	14.9				0.44		2.7	0.02	0.03	1.02	0.002	0.01	8.2	0.005	712	0.5	0.01	5.43	27.9	0.025
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	14.9	0	0	0	0.44	0	2.7	0.02	0.03	1.02	0.002	0.01	8.2	0.005	712	0.5	0.01	5.43	27.9	0.025
	Maximum	14.9	0	0	0	0.44	0	2.7	0.02	0.03	1.02	0.002	0.01	8.2	0.005	712	0.5	0.01	5.43	27.9	0.025
	% of values undetected								100%	100%		100%					100%				100%
	# of values between MDL and MRL					1							1	1	1			1			
Rubus spectabilis-TE19																					
	Sample Date																				
	08/18/04	31.7	4840	19.1	677	3.0	475	27	0.01	0.06	2.1	0.0015	0.0035	48.9	0.0035	7630	0.4	0.16	3.5	63.2	0.05
	09/14/07	27.1				0.145		15.5	0.015	0.025	3.14	0.003	0.0025	57.5	0.097	8570	0.35	0.111	9.6	68.6	0.69
	Mean	29.4	4840	19.1	677	1.6		21	0.01	0.04	2.6	0.002	0.003	53.2	0.05	8100	0.4	0.14	6.6	65.9	0.4
	Median	29.4	4840	19.1	677	1.6		21	0.01	0.04	2.6	0.002	0.003	53.2	0.05	8100	0.4	0.14	6.6	65.9	0.4
	St. Deviation	3.3	NA	NA	NA	2		8	0	0.02	0.7	0.001	0.0007	6.1	0.066	660	0	0.03	4.3	3.8	0.5
	# of values	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	27.1	4840	19.1	677	0.145	475	15.5	0.01	0.025	2.1	0.0015	0.0025	48.9	0.0035	7630	0.35	0.111	3.5	63.2	0.05
	Maximum	31.7	4840	19.1	677	3	475	27	0.015	0.06	3.14	0.003	0.0035	57.5	0.097	8570	0.4	0.16	9.6	68.6	0.69
	% of values undetected					50%			100%	50%		100%	100%		50%		50%				
	# of values between MDL and MRL									1								1			

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Ptilium crista-castrensis-TE23														
	Sample Date													
	08/29/06	2220	403	0.044	0.29	15.7	6790	0.4	0.014	267	0.03	4.3	3.76	99.2
	09/13/07	1910	197	0.041	0.14	1.31	9860	0.1	0.025	163	0.008	2.45	1.27	36.3
	Mean	2070	300	0.043	0.22	8.5	8330	0.25	0.02	215	0.019	3.4	2.52	67.8
	Median	2070	300	0.043	0.22	8.5	8330	0.25	0.02	215	0.019	3.4	2.52	67.8
	St. Deviation	220	146	0.002	0.11	10.2	2170	0.21	0.008	74	0.016	1.3	1.76	44.5
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1910	197	0.041	0.14	1.31	6790	0.1	0.014	163	0.008	2.45	1.27	36.3
	Maximum	2220	403	0.044	0.29	15.7	9860	0.4	0.025	267	0.03	4.3	3.76	99.2
	% of values undetected							50%				50%		
	# of values between MDL and MRL							1	1		1	1		
Ptilium crista-castrensis-TE24														
	Sample Date													
	08/30/06	1170	283	0.056	0.09	3.27	3760	0.3	0.011	125	0.03	3.8	0.64	40.7
	Mean	1170	283	0.056	0.09	3.27	3760	0.3	0.011	125	0.03	3.8	0.64	40.7
	Median	1170	283	0.056	0.09	3.27	3760	0.3	0.011	125	0.03	3.8	0.64	40.7
	St. Deviation	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
	Minimum	1170	283	0.056	0.09	3.27	3760	0.3	0.011	125	0.03	3.8	0.64	40.7
	Maximum	1170	283	0.056	0.09	3.27	3760	0.3	0.011	125	0.03	3.8	0.64	40.7
	% of values undetected													
	# of values between MDL and MRL							1	1			1		
Rubus spectabilis-Berry-TE24														
	Sample Date													
	08/30/06	1200	90.2	0.005	0.025	1.16	11100	0.1	0.003	132	0.005	9.85	0.01	13
	Mean	1200	90.2	0.005	0.025	1.16	11100	0.1	0.003	132	0.005	9.85	0.01	13
	Median	1200	90.2	0.005	0.025	1.16	11100	0.1	0.003	132	0.005	9.85	0.01	13
	St. Deviation	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
	Minimum	1200	90.2	0.005	0.025	1.16	11100	0.1	0.003	132	0.005	9.85	0.01	13
	Maximum	1200	90.2	0.005	0.025	1.16	11100	0.1	0.003	132	0.005	9.85	0.01	13
	% of values undetected				100%			100%	100%		100%	100%	100%	
	# of values between MDL and MRL			1										
Rubus spectabilis-TE19														
	Sample Date													
	08/18/04	5710	62.5	0.188	0.47	3.89	12400	0.05	0.0015	195	0.001	2.5	0.16	15.2
	09/14/07	5940	328	0.028	0.93	2.02	6940	0.1	0.004	6670	0.006	2.55	0.12	32
	Mean	5830	195	0.11	0.7	2.96	9700	0.08	0.003	3430	0.0035	2.5	0.14	24
	Median	5830	195	0.11	0.7	2.96	9700	0.08	0.003	3430	0.0035	2.5	0.14	24
	St. Deviation	160	188	0.11	0.33	1.32	3900	0.04	0.002	4580	0.0035	0	0.03	12
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	5710	62.5	0.028	0.47	2.02	6940	0.05	0.0015	195	0.001	2.5	0.12	15.2
	Maximum	5940	328	0.188	0.93	3.89	12400	0.1	0.004	6670	0.006	2.55	0.16	32
	% of values undetected							100%	100%		50%	100%		
	# of values between MDL and MRL										1		2	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Rubus spectabilis-TE20																					
	Sample Date																				
	08/18/04	32.6	7220	17.3	4450	0.15	403	27.7	0.07	0.025	20.9	0.0015	0.0035	35.6	0.039	7940	0.15	0.16	5.95	66.1	0.11
	08/29/06	34.2				0.06		32.9	0.05	0.025	13.7	0.01	0.0015	49.3	0.025	6300	0.5	0.051	5.87	78.8	0.06
	09/14/07	29.8				0.125		43.8	0.07	0.025	12.7	0.003	0.0025	43.6	0.075	5420	0.35	0.069	6.8	71.4	0.59
	Mean	32.2	7220	17.3	4450	0.11	403	34.8	0.063	0.025	15.8	0.005	0.0025	42.8	0.046	6550	0.33	0.09	6.21	72.1	0.25
	Median	32.6	7220	17.3	4450	0.125	403	32.9	0.07	0.025	13.7	0.003	0.0025	43.6	0.039	6300	0.35	0.069	5.95	71.4	0.11
	St. Deviation	2.2	NA	NA	NA	0.05	NA	8.2	0.012	0	4.5	0.005	0.001	6.9	0.026	1280	0.18	0.06	0.52	6.4	0.29
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	29.8	7220	17.3	4450	0.06	403	27.7	0.05	0.025	12.7	0.0015	0.0015	35.6	0.025	5420	0.15	0.051	5.87	66.1	0.06
	Maximum	34.2	7220	17.3	4450	0.15	403	43.8	0.07	0.025	20.9	0.01	0.0035	49.3	0.075	7940	0.5	0.16	6.8	78.8	0.59
	% of values undetected					100%				100%		100%	100%				100%				
	# of values between MDL and MRL														2						
Rubus spectabilis-TE24																					
	Sample Date																				
	08/30/06	28.2				0.36		54.5	0.02	0.025	7.37	0.01	0.0015	35	0.02	3410	0.5	0.027	6.02	71.5	0.09
	09/13/07	30.3				0.43		34.8	0.04	0.025	5.55	0.003	0.0025	32.8	0.018	5330	0.35	0.043	3.42	58	0.07
	Mean	29.3				0.4		44.7	0.03	0.025	6.46	0.007	0.002	34	0.02	4370	0.4	0.035	4.72	65	0.08
	Median	29.3				0.4		44.7	0.03	0.025	6.46	0.007	0.002	34	0.02	4370	0.4	0.035	4.72	65	0.08
	St. Deviation	1.5				0.05		13.9	0.014	0	1.29	0.005	0.0007	2	0	1360	0.1	0.011	1.84	10	0.014
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	28.2	0	0	0	0.36	0	34.8	0.02	0.025	5.55	0.003	0.0015	32.8	0.018	3410	0.35	0.027	3.42	58	0.07
	Maximum	30.3	0	0	0	0.43	0	54.5	0.04	0.025	7.37	0.01	0.0025	35	0.02	5330	0.5	0.043	6.02	71.5	0.09
	% of values undetected					50%			50%	100%		100%	100%				100%				
	# of values between MDL and MRL					1			1						2						
Salix sp.-TE23																					
	Sample Date																				
	08/29/06	35.1				1.6		18.8	0.02	0.025	10.8	0.01	0.007	16.2	1.41	12300	0.5	1.13	6.54	47.5	0.05
	09/13/07	36.2				0.33		9.2	0.04	0.06	13.3	0.003	0.0025	22.9	2.7	14300	0.35	1.3	4.66	42.9	0.07
	Mean	35.7				1		14	0.03	0.04	12.1	0.007	0.005	19.6	2.1	13300	0.4	1.2	5.6	45.2	0.06
	Median	35.7				1		14	0.03	0.04	12.1	0.007	0.005	19.6	2.1	13300	0.4	1.2	5.6	45.2	0.06
	St. Deviation	0.8				0.9		7	0.014	0.02	1.8	0.005	0.003	4.7	0.9	1400	0.1	0.1	1.33	3.3	0.014
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	35.1	0	0	0	0.33	0	9.2	0.02	0.025	10.8	0.003	0.0025	16.2	1.41	12300	0.35	1.13	4.66	42.9	0.05
	Maximum	36.2	0	0	0	1.6	0	18.8	0.04	0.06	13.3	0.01	0.007	22.9	2.7	14300	0.5	1.3	6.54	47.5	0.07
	% of values undetected								50%	50%		100%	50%				100%				
	# of values between MDL and MRL					1			1	1			1	1							
Salix sp.-TE24																					
	Sample Date																				
	08/30/06	31.4				1.0		11.6	0.04	0.025	6.75	0.01	0.0015	12.7	0.388	2750	0.5	0.033	4.95	43.6	0.08
	Mean	31.4				1		11.6	0.04	0.025	6.75	0.01	0.0015	12.7	0.388	2750	0.5	0.033	4.95	43.6	0.08
	Median	31.4				1		11.6	0.04	0.025	6.75	0.01	0.0015	12.7	0.388	2750	0.5	0.033	4.95	43.6	0.08
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	31.4	0	0	0	1	0	11.6	0.04	0.025	6.75	0.01	0.0015	12.7	0.388	2750	0.5	0.033	4.95	43.6	0.08
	Maximum	31.4	0	0	0	1	0	11.6	0.04	0.025	6.75	0.01	0.0015	12.7	0.388	2750	0.5	0.033	4.95	43.6	0.08
	% of values undetected									100%		100%	100%				100%				
	# of values between MDL and MRL								1					1							

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Rubus spectabilis-TE20														
	Sample Date													
	08/18/04	5510	324	0.079	2.48	2.74	12800	0.1	0.007	2580	0.001	2.5	0.14	16.7
	08/29/06	5350	429	0.023	1.58	5.77	11700	0.1	0.003	2920	0.01	10.05	0.06	13.8
	09/14/07	4130	313	0.02	2.78	1.47	11100	0.1	0.004	3570	0.002	2.55	0.13	14.2
	Mean	5000	355	0.041	2.28	3.33	11900	0.1	0.0047	3020	0.004	5	0.11	14.9
	Median	5350	324	0.023	2.48	2.74	11700	0.1	0.004	2920	0.002	2.55	0.13	14.2
	St. Deviation	750	64	0.033	0.62	2.21	900	0	0.0021	500	0.005	4.3	0.04	1.6
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	4130	313	0.02	1.58	1.47	11100	0.1	0.003	2580	0.001	2.5	0.06	13.8
	Maximum	5510	429	0.079	2.78	5.77	12800	0.1	0.007	3570	0.01	10.05	0.14	16.7
	% of values undetected							33%	67%		67%	100%		
	# of values between MDL and MRL							2	1		1		3	
Rubus spectabilis-TE24														
	Sample Date													
	08/30/06	2470	428	0.053	0.05	1.2	16000	0.05	0.003	424	0.01	4.4	0.04	17.5
	09/13/07	4030	481	0.047	0.025	0.68	11400	0.1	0.004	253	0.001	2.5	0.16	14.4
	Mean	3250	455	0.05	0.04	0.9	13700	0.08	0.0035	339	0.006	3.5	0.1	16
	Median	3250	455	0.05	0.04	0.9	13700	0.08	0.0035	339	0.006	3.5	0.1	16
	St. Deviation	1100	37	0.004	0.02	0.4	3300	0.04	0.0007	121	0.006	1.3	0.1	2.2
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	2470	428	0.047	0.025	0.68	11400	0.05	0.003	253	0.001	2.5	0.04	14.4
	Maximum	4030	481	0.053	0.05	1.2	16000	0.1	0.004	424	0.01	4.4	0.16	17.5
	% of values undetected				50%			100%	100%		100%	50%		
	# of values between MDL and MRL											1	2	
Salix sp.-TE23														
	Sample Date													
	08/29/06	2340	126	0.026	0.18	5.17	15800	0.05	0.003	36.9	0.01	6.2	0.02	123
	09/13/07	2950	163	0.026	0.26	3.81	12300	0.1	0.004	95	0.003	5.2	0.11	148
	Mean	2650	145	0.026	0.22	4.49	14100	0.08	0.0035	66	0.007	5.7	0.1	136
	Median	2650	145	0.026	0.22	4.49	14100	0.08	0.0035	66	0.007	5.7	0.1	136
	St. Deviation	430	26	0	0.06	0.96	2500	0.04	0.0007	41	0.005	0.7	0.1	18
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	2340	126	0.026	0.18	3.81	12300	0.05	0.003	36.9	0.003	5.2	0.02	123
	Maximum	2950	163	0.026	0.26	5.17	15800	0.1	0.004	95	0.01	6.2	0.11	148
	% of values undetected							100%	100%		50%			
	# of values between MDL and MRL										1	2	2	
Salix sp.-TE24														
	Sample Date													
	08/30/06	1520	1150	0.034	0.08	0.96	11500	0.05	0.003	26.2	0.08	4.1	0.01	78.6
	Mean	1520	1150	0.034	0.08	0.96	11500	0.05	0.003	26.2	0.08	4.1	0.01	78.6
	Median	1520	1150	0.034	0.08	0.96	11500	0.05	0.003	26.2	0.08	4.1	0.01	78.6
	St. Deviation	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
	Minimum	1520	1150	0.034	0.08	0.96	11500	0.05	0.003	26.2	0.08	4.1	0.01	78.6
	Maximum	1520	1150	0.034	0.08	0.96	11500	0.05	0.003	26.2	0.08	4.1	0.01	78.6
	% of values undetected							100%	100%				100%	
	# of values between MDL and MRL											1		

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Sambucus racemosa-TE19																					
	Sample Date																				
	08/18/04	22.1	2940	19.4	7330	0.15	554	32.9	0.04	0.025	9.7	0.0015	0.0035	36.8	0.0035	8060	0.4	0.1	5.67	65.6	0.05
	08/29/06	26.2				0.08		12.7	0.04	0.025	57.7	0.01	0.007	44.6	0.01	20600	0.5	0.096	4.99	55.9	0.05
	09/14/07	20.1				1.4		14.5	0.015	0.09	11	0.003	0.0505	41.1	0.056	14200	0.9	0.107	6	54	0.45
	Mean	22.8	2940	19.4	7330	0.5	554	20	0.032	0.047	26	0.005	0.02	40.8	0.023	14300	0.6	0.1	5.55	58.5	0.18
	Median	22.1	2940	19.4	7330	0.15	554	14.5	0.04	0.025	11	0.003	0.007	41.1	0.01	14200	0.5	0.1	5.67	55.9	0.05
	St. Deviation	3.1	NA	NA	NA	0.7	NA	11.2	0.014	0.038	27	0.005	0.026	3.9	0.029	6300	0.26	0.01	0.52	6.2	0.23
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	20.1	2940	19.4	7330	0.08	554	12.7	0.015	0.025	9.7	0.0015	0.0035	36.8	0.0035	8060	0.4	0.096	4.99	54	0.05
	Maximum	26.2	2940	19.4	7330	1.4	554	32.9	0.04	0.09	57.7	0.01	0.0505	44.6	0.056	20600	0.9	0.107	6	65.6	0.45
	% of values undetected					67%			33%	67%		100%	67%		67%		33%				
	# of values between MDL and MRL								2	1			1				2				
Spiraea stevenii-TE24																					
	Sample Date																				
	09/13/07	34.5				0.345		8.3	0.015	0.025	6.56	0.003	0.0025	13	0.529	3580	0.35	0.032	4.47	34.5	0.07
	Mean	34.5				0.345		8.3	0.015	0.025	6.56	0.003	0.0025	13	0.529	3580	0.35	0.032	4.47	34.5	0.07
	Median	34.5				0.345		8.3	0.015	0.025	6.56	0.003	0.0025	13	0.529	3580	0.35	0.032	4.47	34.5	0.07
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	34.5	0	0	0	0.345	0	8.3	0.015	0.025	6.56	0.003	0.0025	13	0.529	3580	0.35	0.032	4.47	34.5	0.07
	Maximum	34.5	0	0	0	0.345	0	8.3	0.015	0.025	6.56	0.003	0.0025	13	0.529	3580	0.35	0.032	4.47	34.5	0.07
	% of values undetected					100%			100%	100%		100%	100%				100%				
	# of values between MDL and MRL																				
Vaccinium uliginosum-Berry-TE20																					
	Sample Date																				
	08/29/06	10.7				0.165		11	0.06	0.025	7.1	0.01	0.0015	8.8	0.062	891	0.5	0.027	3.83	14.8	0.01
	Mean	10.7				0.165		11	0.06	0.025	7.1	0.01	0.0015	8.8	0.062	891	0.5	0.027	3.83	14.8	0.01
	Median	10.7				0.165		11	0.06	0.025	7.1	0.01	0.0015	8.8	0.062	891	0.5	0.027	3.83	14.8	0.01
	St. Deviation	NA				NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	# of values	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Minimum	10.7	0	0	0	0.165	0	11	0.06	0.025	7.1	0.01	0.0015	8.8	0.062	891	0.5	0.027	3.83	14.8	0.01
	Maximum	10.7	0	0	0	0.165	0	11	0.06	0.025	7.1	0.01	0.0015	8.8	0.062	891	0.5	0.027	3.83	14.8	0.01
	% of values undetected					100%				100%		100%	100%				100%				100%
	# of values between MDL and MRL													1							
Vaccinium uliginosum-TE20																					
	Sample Date																				
	08/18/04	53.6	544	13.5	192	0.15	113	52.8	0.01	0.025	26	0.0015	0.0035	17.9	0.271	3610	0.3	0.1	4.97	34.8	0.17
	08/29/06	45.6				0.045		52	0.05	0.025	29.2	0.01	0.0015	25.5	0.132	5130	0.5	0.075	3.99	35.1	0.03
	09/14/07	43.2				0.095		47.7	0.015	0.025	24.1	0.003	0.0025	19.4	0.148	4460	0.35	0.086	4	29	0.56
	Mean	47.5	544	13.5	192	0.1	113	50.8	0.025	0.025	26.4	0.005	0.0025	20.9	0.184	4400	0.38	0.09	4.32	33	0.25
	Median	45.6	544	13.5	192	0.095	113	52	0.015	0.025	26	0.003	0.0025	19.4	0.148	4460	0.35	0.086	4	34.8	0.17
	St. Deviation	5.4	NA	NA	NA	0.05	NA	2.7	0.022	0	2.6	0.005	0.001	4	0.076	760	0.1	0.01	0.56	3.4	0.27
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	43.2	544	13.5	192	0.045	113	47.7	0.01	0.025	24.1	0.0015	0.0015	17.9	0.132	3610	0.3	0.075	3.99	29	0.03
	Maximum	53.6	544	13.5	192	0.15	113	52.8	0.05	0.025	29.2	0.01	0.0035	25.5	0.271	5130	0.5	0.1	4.97	35.1	0.56
	% of values undetected					100%			67%	100%		100%	100%				67%				
	# of values between MDL and MRL				1												1				1

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Sambucus racemosa-TE19														
	Sample Date													
	08/18/04	7550	53.3	0.075	0.36	1.3	23400	0.1	0.003	5180	0.001	2.5	0.2	18.9
	08/29/06	2720	93.2	0.032	1.08	2.06	21600	0.1	0.003	1510	0.01	9.8	0.1	31.1
	09/14/07	2590	15.1	0.034	1.2	2.37	10800	0.2	0.004	15900	0.002	2.55	0.26	17.7
	Mean	4290	53.9	0.047	0.9	1.91	18600	0.13	0.0033	7500	0.004	5	0.19	22.6
	Median	2720	53.3	0.034	1.08	2.06	21600	0.1	0.003	5180	0.002	2.55	0.2	18.9
	St. Deviation	2830	39.1	0.024	0.5	0.55	6800	0.06	0.0006	7500	0.005	4.2	0.08	7.4
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	2590	15.1	0.032	0.36	1.3	10800	0.1	0.003	1510	0.001	2.5	0.1	17.7
	Maximum	7550	93.2	0.075	1.2	2.37	23400	0.2	0.004	15900	0.01	9.8	0.26	31.1
	% of values undetected								67%		67%	100%		
	# of values between MDL and MRL							3	1		1		1	
Spiraea stevenii-TE24														
	Sample Date													
	09/13/07	2630	917	0.032	0.07	0.38	9230	0.1	0.004	54.9	0.1	2.5	0.06	62.4
	Mean	2630	917	0.032	0.07	0.38	9230	0.1	0.004	54.9	0.1	2.5	0.06	62.4
	Median	2630	917	0.032	0.07	0.38	9230	0.1	0.004	54.9	0.1	2.5	0.06	62.4
	St. Deviation	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
	Minimum	2630	917	0.032	0.07	0.38	9230	0.1	0.004	54.9	0.1	2.5	0.06	62.4
	Maximum	2630	917	0.032	0.07	0.38	9230	0.1	0.004	54.9	0.1	2.5	0.06	62.4
	% of values undetected							100%	100%			100%		
	# of values between MDL and MRL												1	
Vaccinium uliginosum-Berry-TE20														
	Sample Date													
	08/29/06	483	70.9	0.008	0.16	0.96	7120	0.05	0.003	192	0.01	10.05	0.01	16.1
	Mean	483	70.9	0.008	0.16	0.96	7120	0.05	0.003	192	0.01	10.05	0.01	16.1
	Median	483	70.9	0.008	0.16	0.96	7120	0.05	0.003	192	0.01	10.05	0.01	16.1
	St. Deviation	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
	Minimum	483	70.9	0.008	0.16	0.96	7120	0.05	0.003	192	0.01	10.05	0.01	16.1
	Maximum	483	70.9	0.008	0.16	0.96	7120	0.05	0.003	192	0.01	10.05	0.01	16.1
	% of values undetected							100%	100%		100%	100%	100%	
	# of values between MDL and MRL			1										
Vaccinium uliginosum-TE20														
	Sample Date													
	08/18/04	1210	713	0.063	0.36	1.77	3640	0.05	0.0015	99.9	0.003	2.45	0.1	38.2
	08/29/06	1770	360	0.029	0.13	2.27	6840	0.05	0.003	300	0.01	9.85	0.01	21.6
	09/14/07	1450	224	0.019	0.12	1.22	6020	0.1	0.004	266	0.003	2.45	0.14	16.4
	Mean	1480	432	0.037	0.2	1.75	5500	0.07	0.0028	222	0.005	4.92	0.08	25.4
	Median	1450	360	0.029	0.13	1.77	6020	0.05	0.003	266	0.003	2.45	0.1	21.6
	St. Deviation	280	252	0.023	0.14	0.53	1660	0.03	0.0013	107	0.004	4.27	0.07	11.4
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1210	224	0.019	0.12	1.22	3640	0.05	0.0015	99.9	0.003	2.45	0.01	16.4
	Maximum	1770	713	0.063	0.36	2.27	6840	0.1	0.004	300	0.01	9.85	0.14	38.2
	% of values undetected							100%	100%		33%	100%	33%	
	# of values between MDL and MRL										2		2	

2004-2007 Transportation Corridor Cook Inlet Drainage Terrestrial Plant Results Summary

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Vaccinium uliginosum-TE24																					
	Sample Date																				
	08/30/06	29.3				0.16		40.8	0.02	0.03	21.5	0.002	0.038	13.3	0.044	5640	0.5	0.026	3.43	32.8	1.51
	09/13/07	35.1				0.11		70.1	0.04	0.025	64.8	0.003	0.0025	9.8	0.095	6300	0.35	0.078	6.95	31.3	0.19
	Mean	32.2				0.14		55.5	0.03	0.03	43.2	0.0025	0.02	12	0.07	5970	0.4	0.052	5.19	32.1	0.9
	Median	32.2				0.14		55.5	0.03	0.03	43.2	0.0025	0.02	12	0.07	5970	0.4	0.052	5.19	32.1	0.9
	St. Deviation	4.1				0.04		20.7	0.014	0	30.6	0.0007	0.025	2	0.036	470	0.1	0.037	2.49	1.1	0.9
	# of values	2	0	0	0	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	29.3	0	0	0	0.11	0	40.8	0.02	0.025	21.5	0.002	0.0025	9.8	0.044	5640	0.35	0.026	3.43	31.3	0.19
	Maximum	35.1	0	0	0	0.16	0	70.1	0.04	0.03	64.8	0.003	0.038	13.3	0.095	6300	0.5	0.078	6.95	32.8	1.51
	% of values undetected					50%			50%	100%		100%	50%				100%				
	# of values between MDL and MRL					1			1			1	2	1							
Vaccinium vitis-idaea-Berry-TE21																					
	Sample Date																				
	08/28/04	15.9	183	0.7	5330	0.7	39	63.6	0.025	0.025	4.7	0.0015	0.0035	8.1	0.0035	900	0.3	0.04	2.31	55	0.14
	08/28/06	15.7				0.40		13.3	0.04	0.025	5.24	0.01	0.031	9.7	0.01	941	0.5	0.011	2.54	13.6	0.01
	09/13/07	15.8				0.23		14.1	0.08	0.025	5.05	0.003	0.006	11.3	0.003	699	1	0.015	2.49	9.4	0.05
	Mean	15.8	183	0.7	5330	0.44	39	30.3	0.048	0.025	5	0.005	0.014	9.7	0.006	847	0.6	0.022	2.45	26	0.07
	Median	15.8	183	0.7	5330	0.4	39	14.1	0.04	0.025	5.05	0.003	0.006	9.7	0.0035	900	0.5	0.015	2.49	13.6	0.05
	St. Deviation	0.1	NA	NA	NA	0.24	NA	28.8	0.028	0	0.27	0.005	0.015	1.6	0.004	130	0.4	0.016	0.12	25	0.07
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	15.7	183	0.7	5330	0.23	39	13.3	0.025	0.025	4.7	0.0015	0.0035	8.1	0.003	699	0.3	0.011	2.31	9.4	0.01
	Maximum	15.9	183	0.7	5330	0.7	39	63.6	0.08	0.025	5.24	0.01	0.031	11.3	0.01	941	1	0.04	2.54	55	0.14
	% of values undetected			100%		67%			33%	100%		100%	33%		100%		33%				33%
	# of values between MDL and MRL					1			1			2	1				2	2			
Vaccinium vitis-idaea-Berry-TE22																					
	Sample Date																				
	08/29/04	17.4	26	0.7	3950	0.7	44	42.4	0.21	0.025	7	0.0015	0.0035	10.6	0.0035	896	0.3	0.03	1.71	115	1.37
	08/28/06	16.2				0.125		15.6	0.02	0.025	6.97	0.01	0.0015	10.1	0.01	1120	0.5	0.009	3.21	11.7	0.01
	09/13/07	14.7				0.22		12.3	0.13	0.05	6.15	0.003	0.0025	9.5	0.014	793	0.8	0.019	1.84	11.2	0.07
	Mean	16.1	26	0.7	3950	0.35	44	23.4	0.12	0.033	6.71	0.005	0.0025	10.1	0.009	940	0.53	0.019	2.25	46	0.5
	Median	16.2	26	0.7	3950	0.22	44	15.6	0.13	0.025	6.97	0.003	0.0025	10.1	0.01	896	0.5	0.019	1.84	11.7	0.07
	St. Deviation	1.4	NA	NA	NA	0.31	NA	16.5	0.1	0.014	0.48	0.005	0.001	0.6	0.005	170	0.25	0.011	0.83	60	0.8
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	14.7	26	0.7	3950	0.125	44	12.3	0.02	0.025	6.15	0.0015	0.0015	9.5	0.0035	793	0.3	0.009	1.71	11.2	0.01
	Maximum	17.4	26	0.7	3950	0.7	44	42.4	0.21	0.05	7	0.01	0.0035	10.6	0.014	1120	0.8	0.03	3.21	115	1.37
	% of values undetected			100%		100%			33%	67%		100%	100%		67%		33%				33%
	# of values between MDL and MRL		1							1				2	1			2	2		

2004-2007 Transportation Corridor Cook Inlet Drainage Terrestrial Plant Results Summary

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Vaccinium uliginosum-TE24														
	Sample Date													
	08/30/06	1790	191	0.025	0.07	0.68	7580	0.1	0.03	35.9	0.005	9.9	0.01	19.8
	09/13/07	1850	213	0.029	0.08	1.14	5190	0.1	0.004	48.5	0.005	2.5	0.11	28.7
	Mean	1820	202	0.027	0.075	0.9	6390	0.1	0.017	42.2	0.005	6.2	0.1	24.3
	Median	1820	202	0.027	0.075	0.9	6390	0.1	0.017	42.2	0.005	6.2	0.1	24.3
	St. Deviation	40	16	0.003	0.007	0.3	1690	0	0.018	8.9	0	5.2	0.1	6.3
	# of values	2	2	2	2	2	2	2	2	2	2	2	2	2
	Minimum	1790	191	0.025	0.07	0.68	5190	0.1	0.004	35.9	0.005	2.5	0.01	19.8
	Maximum	1850	213	0.029	0.08	1.14	7580	0.1	0.03	48.5	0.005	9.9	0.11	28.7
	% of values undetected							100%	50%		50%	100%	50%	
	# of values between MDL and MRL										1		1	
Vaccinium vitis-idaea-Berry-TE21														
	Sample Date													
	08/28/04	425	198	0.017	0.025	16.8	5340	0.05	0.0015	307	0.004	2.45	0.11	8.5
	08/28/06	497	120	0.017	0.025	0.41	5410	0.05	0.003	81	0.01	6.7	0.01	6.3
	09/13/07	321	99.9	0.006	0.13	0.58	4000	0.1	0.004	84.5	0.001	2.45	0.1	5.12
	Mean	414	139	0.013	0.06	6	4920	0.07	0.0028	158	0.005	3.87	0.07	6.6
	Median	425	120	0.017	0.025	0.58	5340	0.05	0.003	84.5	0.004	2.45	0.1	6.3
	St. Deviation	88	52	0.006	0.06	9	790	0.03	0.0013	129	0.005	2.45	0.06	1.7
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	321	99.9	0.006	0.025	0.41	4000	0.05	0.0015	81	0.001	2.45	0.01	5.12
	Maximum	497	198	0.017	0.13	16.8	5410	0.1	0.004	307	0.01	6.7	0.11	8.5
	% of values undetected				67%			100%	100%		67%	67%	33%	
	# of values between MDL and MRL			3							1	1	2	
Vaccinium vitis-idaea-Berry-TE22														
	Sample Date													
	08/29/04	383	208	0.013	0.025	26.6	5040	0.05	0.0015	86.1	0.001	2.5	0.1	6.5
	08/28/06	534	142	0.01	0.025	0.56	5440	0.05	0.003	82.8	0.01	6	0.01	6.6
	09/13/07	357	137	0.011	0.14	0.63	4760	0.1	0.004	196	0.001	2.55	0.12	5.22
	Mean	425	162	0.011	0.06	9	5080	0.07	0.0028	122	0.004	3.7	0.08	6.1
	Median	383	142	0.011	0.025	0.63	5040	0.05	0.003	86.1	0.001	2.55	0.1	6.5
	St. Deviation	96	40	0.002	0.07	15	340	0.03	0.0013	64	0.005	2	0.06	0.8
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	357	137	0.01	0.025	0.56	4760	0.05	0.0015	82.8	0.001	2.5	0.01	5.22
	Maximum	534	208	0.013	0.14	26.6	5440	0.1	0.004	196	0.01	6	0.12	6.6
	% of values undetected				67%			100%	100%		100%	67%	33%	
	# of values between MDL and MRL			3								1	2	

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Species - Location ID	Parameters Units	Total Solids percent	Chloride mg/kg	Fluoride mg/kg	Sulfate mg/kg	Total Cyanide mg/kg	Ammonia mg/kg	Aluminum mg/kg	Antimony mg/kg	Arsenic mg/kg	Barium mg/kg	Beryllium mg/kg	Bismuth mg/kg	Boron mg/kg	Cadmium mg/kg	Calcium mg/kg	Chromium mg/kg	Cobalt mg/kg	Copper mg/kg	Iron mg/kg	Lead mg/kg
Vaccinium vitis-idaea-TE21																					
	Sample Date																				
	08/28/04	44.7	131	0.9	174	0.7	3.75	98.5	0.025	0.025	49.5	0.0015	0.0035	12.2	0.02	6060	0.15	0.07	3.57	47.9	0.23
	08/28/06	70.8				0.73		1050	0.04	0.29	15.9	0.01	0.005	5.3	0.052	3840	2.7	0.281	7.49	944	1.55
	09/13/07	46.2				0.085		45.5	0.015	0.025	38.9	0.003	0.0025	14.3	0.003	6020	0.35	0.048	3.42	19.3	0.09
	Mean	53.9	131	0.9	174	0.51	3.75	400	0.027	0.11	34.8	0.005	0.0037	10.6	0.025	5310	1.1	0.13	4.83	337	0.6
	Median	46.2	131	0.9	174	0.7	3.75	98.5	0.025	0.025	38.9	0.003	0.0035	12.2	0.02	6020	0.35	0.07	3.57	47.9	0.23
	St. Deviation	14.7	NA	NA	NA	0.36	NA	570	0.013	0.15	17.2	0.005	0.0013	4.7	0.025	1270	1.4	0.13	2.31	526	0.8
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	44.7	131	0.9	174	0.085	3.75	45.5	0.015	0.025	15.9	0.0015	0.0025	5.3	0.003	3840	0.15	0.048	3.42	19.3	0.09
	Maximum	70.8	131	0.9	174	0.73	3.75	1050	0.04	0.29	49.5	0.01	0.005	14.3	0.052	6060	2.7	0.281	7.49	944	1.55
	% of values undetected					67%	100%		67%	67%		100%	67%		33%		67%				
	# of values between MDL and MRL			1					1	1			1	1	1						
Vaccinium vitis-idaea-TE22																					
	Sample Date																				
	08/29/04	48.6	29	0.3	656	0.7	3.75	123	0.025	0.025	83.2	0.0015	0.0035	12.2	0.0035	7770	0.25	0.07	2.95	44.5	0.21
	08/28/06	51.9				0.04		68.8	0.07	0.025	37.5	0.01	0.0015	12.8	0.01	5200	0.5	0.044	2.29	27	0.05
	09/13/07	44.5				0.075		55.8	0.13	0.025	44.9	0.003	0.0025	15.2	0.017	6070	0.8	0.047	2.21	27	0.1
	Mean	48.3	29	0.3	656	0.27	3.75	83	0.08	0.025	55.2	0.005	0.0025	13.4	0.01	6350	0.52	0.054	2.48	33	0.12
	Median	48.6	29	0.3	656	0.075	3.75	68.8	0.07	0.025	44.9	0.003	0.0025	12.8	0.01	6070	0.5	0.047	2.29	27	0.1
	St. Deviation	3.7	NA	NA	NA	0.37	NA	36	0.05	0	24.5	0.005	0.001	1.6	0.007	1310	0.28	0.014	0.41	10	0.08
	# of values	3	1	1	1	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	44.5	29	0.3	656	0.04	3.75	55.8	0.025	0.025	37.5	0.0015	0.0015	12.2	0.0035	5200	0.25	0.044	2.21	27	0.05
	Maximum	51.9	29	0.3	656	0.7	3.75	123	0.13	0.025	83.2	0.01	0.0035	15.2	0.017	7770	0.8	0.07	2.95	44.5	0.21
	% of values undetected					100%	100%		33%	100%		100%	100%		67%		67%				
	# of values between MDL and MRL		1	1										1	1		1				
	Key: Bold Results = Parameter undetected by test, value shown is 1/2 MDL or 1/2 MRL.																				
	If result was not detected at the lab MDL, the value shown is 1/2 MDL.																				
	If result was validation flagged U or UJ, the value shown is 1/2 MRL.																				
	Green Results = Estimate result reported by laboratory below reporting limit (MRL).																				
	MDL = Method Detection Limit.																				
	MRL = Method Reporting Limit.																				
	NA = Not Applicable.																				
	Note: All results reported on dry weight basis, except total solids reported on wet weight basis.																				

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Species - Location ID	Parameters Units	Magnesium mg/kg	Manganese mg/kg	Mercury mg/kg	Molybdenum mg/kg	Nickel mg/kg	Potassium mg/kg	Selenium mg/kg	Silver mg/kg	Sodium mg/kg	Thallium mg/kg	Tin mg/kg	Vanadium mg/kg	Zinc mg/kg
Vaccinium vitis-idaea-TE21														
	Sample Date													
	08/28/04	1360	1400	0.037	0.025	14.1	3730	0.05	0.0015	288	0.001	2.5	0.11	40.9
	08/28/06	1760	302	0.015	0.12	8.4	3470	0.4	0.009	362	0.01	10.1	1.41	35.5
	09/13/07	1320	809	0.024	0.13	1.03	4370	0.1	0.004	32.2	0.004	2.45	0.12	17.8
	Mean	1480	840	0.025	0.09	7.8	3860	0.18	0.0048	227	0.005	5	0.5	31.4
	Median	1360	809	0.024	0.12	8.4	3730	0.1	0.004	288	0.004	2.5	0.12	35.5
	St. Deviation	240	550	0.011	0.06	6.6	460	0.19	0.0038	173	0.005	4.4	0.7	12.1
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1320	302	0.015	0.025	1.03	3470	0.05	0.0015	32.2	0.001	2.45	0.11	17.8
	Maximum	1760	1400	0.037	0.13	14.1	4370	0.4	0.009	362	0.01	10.1	1.41	40.9
	% of values undetected				33%			67%	67%		67%	100%		
	# of values between MDL and MRL			1				1	1	1	1		2	
Vaccinium vitis-idaea-TE22														
	Sample Date													
	08/29/04	1060	1770	0.04	0.025	3.53	3840	0.05	0.0015	56.4	0.002	2.5	0.19	15.7
	08/28/06	1170	1030	0.02	0.04	1.75	4490	0.05	0.003	22.8	0.01	3.5	0.04	14.5
	09/13/07	1190	779	0.025	0.11	0.95	4900	0.1	0.004	49	0.004	2.45	0.13	14.6
	Mean	1140	1190	0.028	0.06	2.08	4410	0.07	0.0028	42.7	0.005	2.8	0.12	14.9
	Median	1170	1030	0.025	0.04	1.75	4490	0.05	0.003	49	0.004	2.5	0.13	14.6
	St. Deviation	70	520	0.01	0.05	1.32	530	0.03	0.0013	17.7	0.004	0.6	0.08	0.7
	# of values	3	3	3	3	3	3	3	3	3	3	3	3	3
	Minimum	1060	779	0.02	0.025	0.95	3840	0.05	0.0015	22.8	0.002	2.45	0.04	14.5
	Maximum	1190	1770	0.04	0.11	3.53	4900	0.1	0.004	56.4	0.01	3.5	0.19	15.7
	% of values undetected				33%			100%	100%		33%	67%		
	# of values between MDL and MRL				1						2	1	3	
	Key:	Bold Results = Parameter undetected by test, value shown is 1/2 MDL or 1/2 MRL.												
		If result was not detected at the lab MDL, the value shown is 1/2 MDL.												
		If result was validation flagged U or UJ, the value shown is 1/2 MRL.												
		Green Results = Estimate result reported by laboratory below reporting limit (MRL).												
		MDL = Method Detection Limit.												
		MRL = Method Reporting Limit.												
		NA = Not Applicable.												
		Note: All results reported on dry weight basis, except total solids reported on wet weight basis.												