

COMAPLEX_CROSSTAB

CCME								
MMER								
Sample Location	Label	Lab. Report	UTM E	UTM N	Sample_Date	Sample_Time	pH Field	Temp Field
A13	A13	L785375	539828	6988676	28-Jun-09	11:20	7.28	13.8
A15	A15	L785376	539732	6988798	28-Jun-09	11:13	6.95	13.4
A38	A38	L785377	540500	6988254	28-Jun-09	12:23	7.53	13.1
A54	A54	L785378	540135	6988794	28-Jun-09	11:45	7.52	12.8
A8-7	A8-7	L785379	540748	6986690	28-Jun-09	09:15	6.64	6.0
A9	A10	L785380	540194	6988142	28-Jun-09	12:15	7.59	13.3
CONTROL	CONTROL	L785381	535001	6986333	28-Jun-09	09:35	6.22	5.5
CONTROL 2	CONTROL 2	L785382	535001	6986333	28-Jun-09	10:00	6.47	10.5
MEL1	MEL1	L785383	541934	6989173	28-Jun-09	13:40	6.16	6.8
MEL2	MEL2	L785384	540681	6986702	28-Jun-09	10:00	6.38	5.8
MEL3	MEL3	L785385	542083	6989004	28-Jun-09	14:35	6.83	16.4
MEL4	MEL4	L785386	542092	6989012	28-Jun-09	14:15	6.21	6.4
ML-River	ML-River	L785387	544778	6971712	28-Jun-09	09:30	6.17	12.9
TAP Water	TAP Water	L785388			28-Jun-09	14:50	6.45	10.3

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	.005-0.1	0.019		0.005				
				0.5				
Alkalinity, Total (as CaCO3) (mg/L)	Aluminum (Al)-Total (mg/L)	Ammonia-N (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)- Total (mg/L)	Barium (Ba)- Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bicarbonate (HCO3) (mg/L)	Biochemical Oxygen Demand (mg/L)
37.3	<0.040	<0.050	<0.0016	0.0031	0.114	<0.0040	45.6	
27.5	<0.040	<0.050	<0.0016	0.0033	0.230	<0.0040	33.5	
58.5	<0.010	1.01	<0.00040	0.00261	0.0634	<0.0010	71.3	
60.4	<0.040	4.56	<0.0016	0.0033	0.0683	<0.0040	73.7	
21.9	<0.010	<0.050	<0.00040	0.00107	0.0124	<0.0010	26.7	
44.3	<0.040	<0.050	<0.0016	0.0034	0.0878	<0.0040	54.1	
28.6	<0.010	<0.050	<0.00040	0.00048	0.0106	<0.0010	34.9	
20.1	<0.010	<0.050	<0.00040	<0.00040	0.0090	<0.0010	24.5	
12.4	<0.010	<0.050	<0.00040	<0.00040	0.0059	<0.0010	15.2	<2.0
30.0	<0.010	<0.050	<0.00040	0.00092	0.0185	<0.0010	36.6	<2.0
77.5	0.015	0.179	0.00073	0.00567	0.0299	<0.0010	94.6	7.5
12.1	<0.010	<0.050	<0.00040	<0.00040	0.0056	<0.0010	14.7	<2.0
20.2	<0.010	<0.050	<0.00040	<0.00040	0.0091	<0.0010	24.7	
16.7							20.4	

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	0.017					0.001		
Boron (B)- Total (mg/L)	Cadmium (Cd)-Total (mg/L)	Calcium (Ca)- Dissolved (mg/L)	Calcium (Ca)- Total (mg/L)	Carbonate (CO3) (mg/L)	Chloride (Cl) (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)- Total (mg/L)	Conductivity (EC) (uS/cm)
<0.050	<0.00020	123	112	<5.0	256	<0.0050	<0.0020	966
<0.050	<0.00020	247.7	232	<5.0	551	<0.0050	<0.0020	1920
<0.050	<0.000050	73.9	78.7	<5.0	156	<0.0050	<0.0020	734
<0.050	<0.00020	95.2	94.4	<5.0	193	<0.0050	<0.0020	915
<0.050	<0.000050	11.9	10.8	<5.0	14.5	<0.0050	<0.0020	93.7
<0.050	<0.00020	84.5	82.4	<5.0	170	<0.0050	<0.0020	690
<0.050	<0.000050	9.60	9.00	<5.0	8.27	<0.0050	<0.0020	84.2
<0.050	<0.000050	7.17	7.14	<5.0	8.38	<0.0050	<0.0020	72.9
<0.050	<0.000050	5.36	4.72	<5.0	5.92	<0.0050	<0.0020	52.3
<0.050	<0.000050	17.3	17.0	<5.0	23.4	<0.0050	<0.0020	141
<0.050	0.000075	41.0	37.7	<5.0	57.7	<0.0050	<0.0020	416
<0.050	<0.000050	5.43	4.61	<5.0	6.04	<0.0050	<0.0020	52.0
<0.050	<0.000050	7.10	6.40	<5.0	8.20	<0.0050	<0.0020	73.5
		6.97		<5.0	8.16			70.0

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0.002-0.004				0.3	0.001-0.007			
0.3					0.2			
Copper (Cu)- Total (mg/L)	Hardness (as CaCO3) (mg/L)	Hydroxide (OH) (mg/L)	Ion Balance (%)	Iron (Fe)- Total (mg/L)	Lead (Pb)- Total (mg/L)	Lithium (Li)- Total (mg/L)	Magnesium (Mg)- Dissolved (mg/L)	Magnesium (Mg)-Total (mg/L)
<0.0040	359	<5.0	100	0.390	<0.00040	0.054	12.7	12.1
<0.0040	712	<5.0	98.9	0.554	<0.00040	0.168	22.7	19.0
0.0015	227	<5.0	90.0	0.061	0.00039	0.017	10.2	11.3
<0.0040	290	<5.0	96.8	0.081	<0.00040	<0.024	12.7	13.0
<0.0010	36.2	<5.0	Low EC	0.075	<0.00010	<0.010	1.58	1.41
<0.0040	250	<5.0	95.4	0.182	<0.00040	0.032	9.39	9.48
<0.0010	28.2	<5.0	Low EC	0.101	<0.00010	<0.010	1.02	0.97
<0.0010	22.4	<5.0	Low EC	0.034	<0.00010	<0.010	1.09	1.05
0.0052	16.9	<5.0	Low EC	0.025	<0.00010	<0.010	0.86	0.74
<0.0010	52.3	<5.0	91.3	0.056	<0.00010	<0.010	2.22	2.21
0.0027	117	<5.0	107	0.116	0.00359	<0.010	3.64	3.94
<0.0010	16.6	<5.0	Low EC	0.015	<0.00010	<0.010	0.75	0.76
<0.0010	22.0	<5.0	Low EC	0.025	<0.00010	<0.010	1.04	0.94
	22.2	<5.0	Low EC				1.16	

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		0	0.073	0.025-0.015	2.9		0.006	
				0.5				
Manganese (Mn)-Total (mg/L)	Mercury (Hg)- Total (mg/L)	MF - Fecal Coliforms (CFU/100mL)	Molybdenum (Mo)-Total (mg/L)	Nickel (Ni)- Total (mg/L)	Nitrate (as N) (mg/L)	Nitrate and Nitrite as N (mg/L)	Nitrite (as N) (mg/L)	Oil and Grease (mg/L)
0.0132	<0.00010		<0.0050	0.0040	<0.050	<0.071	<0.050	
0.0309	<0.00010		<0.0050	0.0063	<0.050	<0.071	<0.050	
0.0021	<0.00010		<0.0050	0.0030	2.46	2.46	<0.050	
0.0051	<0.00010		<0.0050	0.0037	6.73	6.80	0.069	<1.0
0.0151	<0.00010		<0.0050	<0.0020	<0.050	<0.071	<0.050	
0.0150	<0.00010		<0.0050	0.0035	<0.050	<0.071	<0.050	
0.0161	<0.00010		<0.0050	<0.0020	<0.050	<0.071	<0.050	
<0.0020	<0.00010		<0.0050	<0.0020	<0.050	<0.071	<0.050	
0.0051	<0.00010	<1	<0.0050	<0.0020	<0.050	<0.071	<0.050	<1.0
0.0182	<0.00010		<0.0050	<0.0020	<0.050	<0.071	<0.050	<1.0
0.0612	<0.00010	4	<0.0050	0.0069	<0.050	<0.071	<0.050	1.1
0.0044	<0.00010	<1	<0.0050	<0.0020	<0.050	<0.071	<0.050	1.1
0.0022	<0.00010		<0.0050	<0.0020	<0.050	<0.071	<0.050	
		<1			<0.050	<0.071	<0.050	

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	6.5 - 9.0	0.03						
	6.0 - 9.5							
Orthophosphate (PO4-P) (mg/L)	pH (pH)	Phosphorus, Total Diss_ (mg/L)	Potassium (K)-Dissolved (mg/L)	Potassium (K)-Total (mg/L)	Selenium (Se)-Total (mg/L)	Silver (Ag)- Total (mg/L)	Sodium (Na)- Dissolved (mg/L)	Sodium (Na)- Total (mg/L)
	7.80	<0.020	5.50	5.88	<0.0080	<0.00040	22.1	21.8
	7.34	<0.020	13.0	11.5	<0.0080	<0.00040	41.5	48.6
	7.85	<0.020	5.93	6.63	<0.0020	<0.00010	24.1	28.0
	7.84	<0.020	8.67	9.23	<0.0080	<0.00040	33.3	36.2
	7.19	<0.020	0.71	0.64	<0.00040	<0.00010	2.1	2.0
	7.64	<0.020	3.73	4.10	<0.0080	<0.00040	12.1	12.8
	7.18	<0.020	1.19	0.89	<0.00040	<0.00010	4.5	4.3
	7.14	<0.020	1.01	0.91	<0.00040	<0.00010	4.3	4.0
<0.010	6.97	<0.020	0.69	0.52	<0.00040	<0.00010	2.8	2.2
<0.010	7.30	<0.020	1.00	0.96	<0.00040	<0.00010	3.0	2.7
0.470	7.75	0.561	5.62	5.85	<0.0020	<0.00010	34.5	35.1
<0.010	7.35	<0.020	0.64	0.58	<0.00040	<0.00010	3.7	2.9
	7.17	<0.020	1.00	0.86	<0.00040	<0.00010	4.2	3.6
	7.42		0.92				4.4	

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								29
								15
Strontium (Sr)-Total (mg/L)	Sulfate (SO4) (mg/L)	TDS (Calculated) (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Total Carbon (mg/L)	Total Inorganic Carbon (mg/L)	Total Suspended Solids (mg/L)
0.965	14.3	456	<0.00040	<0.050	<0.0024			<3.0
2.40	21.6	914	<0.00040	<0.050	<0.0024			<3.0
0.720	33.7	350	<0.00010	<0.050	<0.0010			3.0
0.794	43.7	453	<0.00040	<0.050	<0.0024			<3.0
0.0701	2.14	46.1	<0.00010	<0.050	<0.0010			<3.0
0.653	9.55	316	<0.00040	<0.050	<0.0024			3.0
0.0310	2.09	43.8	<0.00010	<0.050	<0.0010			<3.0
0.0329	3.04	37.1	<0.00010	<0.050	<0.0010			<3.0
0.0267	2.54	25.6	<0.00010	<0.050	<0.0010	6.7	3.0	<3.0
0.110	2.73	67.7	<0.00010	<0.050	<0.0010	10.4	6.9	<3.0
0.248	27.4	216	0.00013	<0.050	0.0020	40.0	20.0	4.0
0.0227	2.42	26.2	<0.00010	<0.050	<0.0010	5.9	3.0	<3.0
0.0329	3.06	36.7	<0.00010	<0.050	<0.0010			<3.0
	2.87	34.5						<3.0

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			0.03
			0.5
Turbidity (NTU)	Uranium (U)- Total (mg/L)	Vanadium (V)-Total (mg/L)	Zinc (Zn)- Total (mg/L)
1.12	<0.00040	<0.0020	<0.016
2.76	<0.00040	<0.0020	<0.016
0.46	0.00031	<0.0010	0.0040
1.38	0.00068	<0.0020	0.030
0.49	<0.00010	<0.0010	0.0261
0.73	<0.00040	<0.0020	0.031
0.58	<0.00010	<0.0010	<0.0040
0.34	<0.00010	<0.0010	<0.0040
0.26	<0.00010	<0.0010	<0.0040
0.36	<0.00010	<0.0010	0.0261
3.18	<0.00010	<0.0010	0.0220
0.34	<0.00010	<0.0010	<0.0040
0.35	<0.00010	<0.0010	<0.0040
0.34			