

SAMPLE INFORMATION							PARAMETER	TDS**	CHLORIDE	SULFATE	BROMIDE
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(UNITS)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
							CRITERIA (BASIS)	500 Avg 750 Max (PWS)	250 (PWS)	250 (PWS)	
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826		602	60.1	228	0.3
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867		260	32.1	56.9	<0.2
				0577-006	2/4/2010	03539		264	24.5	64.8	<0.2
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827		8282	1194	3410	8.2
				0521-230	8/10/2010	25531		6006	883	2756	6.6
				0521-238	8/24/2010	27079		6138	1045	2601	7.8
				0521-247	9/8/2010	28420		5122	1034	2023	7.2
				0521-259	9/21/2010	29546		4522	903	1702	6.4
				0521-272	10/5/2010	30836		3976	761	1335	5
				0521-285	10/20/2010	32768		2672	628	1091	4.2
				0521-295	11/3/2010	34514		1588	248	568	1.6
				0521-306	11/16/2010	35549		3354	695	1186	4.8
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233		9740	1479.2	5010.2	.
				0593-047	10/25/2008	39240		6494	936.3	3064	6.4
				0592-209	10/26/2008	39208		7402	1080.4	3406	7.4
				0593-053	10/27/2008	39232		8822	1322.7	3943.6	9
				0593-066	10/28/2008	39451		8930	1344.4	4292.5	9.7
				0593-071	10/29/2008	39573		8628	1269.9	4079.6	9.6

*VanBriesen Research Group, Carnegie Mellon University (CMU)

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(UNITS)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
							CRITERIA (BASIS)	500 Avg 750 Max (PWS)	250 (PWS)	250 (PWS)	
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868		3664	622	1423	4.5
				0577-007	2/4/2010	03540		2948	505	1190	3.5
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828		6672	953	2873	6.6
				0577-008	1/21/2010	01735		1010	157	381	0.9
				0577-008	2/4/2010	03546		1760	276	678	1.9
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599		3260	467	1511	3.2
				0521-239	8/24/2010	27080		5830	948	2420	7
				0521-248	9/8/2010	28421		5294	922	2215	6.3
				0521-260	9/21/2010	29547		5432	1036	2210	7.4
				0521-273	10/5/2010	30837		3718	716	1425	4.6
				0521-286	10/20/2010	32769		4608	859	1799	5.6
				0521-297	11/3/2010	34485		3608	658	1398	4.3
				0521-308	11/16/2010	35533		3514	629	1560	4
5.3	Whiteley Creek @			0593-024	10/15/2008	38482		5434	794	NA	NA
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736		770	109	281	0.6
				0577-009	2/4/2010	03547		1156	158	418	1.1
				1552-258	10/6/2009	35240		3,328	417	1,611	2.6
				1552-288	10/21/2009	37146		2,756	369	1,233	2.3

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	CRITERIA (BASIS)	500 Avg 750 Max (PWS)	250 (PWS)	250 (PWS)	
								(mg/L)	(mg/L)	(mg/L)	(mg/L)
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236		2,930	307	1,389	2.3
				1552-330	11/18/2009	40519		4,440	539	1,868	4.2
				1552-345	12/2/2009	41548		4,224	520	1,914	3.6
				1552-362	12/16/2009	43390					
				0577-010	1/21/2010	01737		942	93.4	421	0.5
				0577-010	2/4/2010	03548		1170	129	474	0.8
Rt 88				0593-041	10/24/2008	39227		4322	538	2063	3.4
				0593-048	10/25/2008	39241		4914	708.2	2358.6	5
				0592-208	10/26/2008	39205		5406	853.7	2439.5	6.4
				0593-049	10/27/2008	39228		4586	669.9	2217.5	4.2
				0593-067	10/28/2008	39452		5838	888.6	2831.1	6.3
				0593-070	10/29/2008	39572		5726	840.8	2606.1	5.8
				NA	11/3/2008	No Sample					
				0593-081	11/5/2008	40441		6004	859.2	2559.3	6
				NA	11/7/2008	No Sample					
				NA	11/10/2008	No Sample					
				NA	11/12/2008	No Sample					
				NA	11/14/2008	No Sample					

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SAMPLE INFORMATION							PARAMETER	TDS**	CHLORIDE	SULFATE	BROMIDE
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	CRITERIA (BASIS)	500 Avg 750 Max (PWS)	250 (PWS)	250 (PWS)	
							(UNITS)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample					
				NA	11/19/2008	No Sample					
				NA	11/21/2008	No Sample					
				NA	11/25/2008	No Sample					
				NA	12/23/2008	No Sample					
				NA	12/30/2008	No Sample					
				0521-228	8/10/2010	25598		2508	312.0	1156	2.20
				0521-240	8/24/2010	27081		4482	636.0	1906	4.70
				0521-249	9/8/2010	28422		3896	570.0	1783	4.00
				0521-261	9/21/2010	29548		3300	521.0	1458	3.60
				0521-274	10/5/2010	30838		2286	302.0	909	1.90
				0521-287	10/20/2010	32770		2576	284.0	1139	1.80
				0521-298	11/3/2010	34486		2960	405.0	1305	2.60
0521-309	11/16/2010	35534		2278	360.0	998	2.20				
				CMU*	9/17/2009	NA		4437	*	*	*
				CMU*	9/22/2009	NA		4929	*	*	*
				CMU*	9/29/2009	NA		4403	1439	3018	8.80
				CMU*	10/6/2009	NA		4384	953	2371	2.43

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SAMPLE INFORMATION							PARAMETER	TDS**	CHLORIDE	SULFATE	BROMIDE
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(UNITS)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
							<i>CRITERIA (BASIS)</i>	<i>500 Avg 750 Max (PWS)</i>	<i>250 (PWS)</i>	<i>250 (PWS)</i>	
				CMU*	10/13/2009	NA		2035	603	1975	2.53
				CMU*	10/20/2009	NA		2862	636	1617	1.82
				CMU*	10/27/2009	NA		2832	510	2197	3.08
				CMU*	11/3/2009	NA		3101	85	3139	3.30
				CMU*	11/10/2009	NA		3930	627	2001	4.43
				CMU*	11/17/2009	NA		4990	709	3762	6.48
				CMU*	11/24/2009	NA		4602	792	2695	4.73
				CMU*	12/1/2009	NA		4910	792	2695	4.73
				CMU*	12/8/2009	NA		2469	484	1847	3.04
				CMU*	12/15/2009	NA		2124	316	1043	1.59
				CMU*	1/5/2010	NA		2078	56	1809	0.464
				CMU*	1/12/2010	NA		2304	380	1521	1.92
				CMU*	1/19/2010	NA		482	93	225	0.297
				CMU*	2/3/2010	NA		1456	120	1055	0.564
				CMU*	2/23/2010	NA		1488	292	788	1.17
				CMU*	3/23/2010	NA		700	169	732	0.764
				CMU*	4/6/2010	NA		1544	73	284	0.287
				CMU*	4/20/2010	NA		1618	197	978	1.10

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(UNITS)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
							CRITERIA (BASIS)	500 Avg 750 Max (PWS)	250 (PWS)	250 (PWS)	
2	Rt 88 Bridge			CMU*	5/4/2010	NA		NA	57	190	0.163
				CMU*	5/18/2010	NA		1420	134	712	1.11
				CMU*	5/25/2010	NA		1534	201	1238	1.36
				CMU*	6/1/2010	NA		2746	518	1474	2.24
				CMU*	6/8/2010	NA		830	110	312	0.266
				CMU*	6/15/2010	NA		2538	530	1561	2.24
				CMU*	6/29/2010	NA		1622	375	1295	1.26
				CMU*	7/5/2010	NA		3614	875	2554	3.11
				CMU*	7/13/2010	NA		4036	683	2215	2.94
				CMU*	7/22/2010	NA		2602	468	1663	2.92
				CMU*	7/27/2010	NA		3310	534	2202	2.92
				CMU*	8/5/2010	NA		3952	755	3029	3.85
				CMU*	8/10/2010	NA		2566	486	1666	2.19
				CMU*	8/17/2010	NA		4284	953	2812	4.17
				CMU*	8/24/2010	NA		4920	1099	2951	5.68
CMU*	8/31/2010	NA		4014	783	2274	4.26				
CMU*	9/7/2010	NA		4622	844	2307	5.32				
CMU*	9/14/2010	NA		3442	566	1799	7.13				

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	CRITERIA (BASIS)	500 Avg 750 Max (PWS)	250 (PWS)	250 (PWS)	
				CMU*	9/21/2010	NA		3698	1200	2321	4.45
				CMU*	9/29/2010	NA		3896	747	2003	2.31
				CMU*	10/7/2010	NA		2988	552	1307	5.04
				CMU*	10/11/2010	NA		4496	203	746	1.26
				CMU*	10/19/2010	NA		2696	980	1612	5.38
				CMU*	10/26/2010	NA		3286	760	1893	2.84
				CMU*	11/3/2010	NA		3412	748	1835	4.86
				CMU*	12/14/2010	NA		802	115	482	0.77
				CMU*	1/19/2011	NA		1176	120	729	0.76
				CMU*	2/16/2011	NA		1626	49	1018	0.18
				CMU*	3/16/2011	NA		978	48	706	0.14
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500		2506	169	1282	1.1
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636		520	34.1	175	

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SAMPLE INFORMATION							SPECIFIC CONDUCTANCE FIELD (umhos/c)	Flow (ft ³ /s)	Flow (MGD)	Max Velocity (ft/sec)	Max Velocity (miles/day)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#					
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826	908				
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867	424				
				0577-006	2/4/2010	03539	426		0.21		
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827	10800				
				0521-230	8/10/2010	25531	8460				
				0521-238	8/24/2010	27079	8810				
				0521-247	9/8/2010	28420	7400				
				0521-259	9/21/2010	29546	6690				
				0521-272	10/5/2010	30836	5610				
				0521-285	10/20/2010	32768	4610				
				0521-295	11/3/2010	34514	2200				
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233	NA				
				0593-047	10/25/2008	39240	6191				
				0592-209	10/26/2008	39208	6925				
				0593-053	10/27/2008	39232	7817				
				0593-066	10/28/2008	39451	7719				
				0593-071	10/29/2008	39573	7158				

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#					
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868	5730				
				0577-007	2/4/2010	03540	4640				
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828	9164				
				0577-008	1/21/2010	01735	1630				
				0577-008	2/4/2010	03546	2850				
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599	4730				
				0521-239	8/24/2010	27080	8300				
				0521-248	9/8/2010	28421	7430				
				0521-260	9/21/2010	29547	8050				
				0521-273	10/5/2010	30837	5600				
				0521-286	10/20/2010	32769	6470				
				0521-297	11/3/2010	34485	5190				
				0521-308	11/16/2010	35533	5230				
5.3	Whiteley Creek @			0593-024	10/15/2008	38482	4919				
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736	1244				
				0577-009	2/4/2010	03547	1870			0.17	
				1552-258	10/6/2009	35240	4,410	9.72	6.3	0.175	2.87
				1552-288	10/21/2009	37146	4,170	17.1	11.0	0.284	4.65

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#					
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236	4,480	17.2	11.1	0.285	4.66
				1552-330	11/18/2009	40519	5,260	13.1	8.5	0.222	3.63
				1552-345	12/2/2009	41548	5,650	13.5	8.7	0.247	4.05
				1552-362	12/16/2009	43390	2,700	38.3	24.7	0.525	8.58
				0577-010	1/21/2010	01737	1,455				
				0577-010	2/4/2010	03548	1,870			0.28	
Rt 88				0593-041	10/24/2008	39227	NA				
				0593-048	10/25/2008	39241	5404				
				0592-208	10/26/2008	39205	5455				
				0593-049	10/27/2008	39228	5135				
				0593-067	10/28/2008	39452	5284				
				0593-070	10/29/2008	39572	4926				
				NA	11/3/2008	No Sample	6000				
				0593-081	11/5/2008	40441	5508				
				NA	11/7/2008	No Sample	8313				
				NA	11/10/2008	No Sample	5900				
				NA	11/12/2008	No Sample	5925				
				NA	11/14/2008	No Sample	5900				

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#					
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample	5000				
				NA	11/19/2008	No Sample	3138				
				NA	11/21/2008	No Sample	2949				
				NA	11/25/2008	No Sample	4735				
				NA	12/23/2008	No Sample	1654				
				NA	12/30/2008	No Sample	1364				
				0521-228	8/10/2010	25598	3660				
				0521-240	8/24/2010	27081	6290				
				0521-249	9/8/2010	28422	5560				
				0521-261	9/21/2010	29548	4750				
				0521-274	10/5/2010	30838	3320				
				0521-287	10/20/2010	32770	3500				
				0521-298	11/3/2010	34486	4210				
				0521-309	11/16/2010	35534	3330				
				CMU*	9/17/2009	NA					
				CMU*	9/22/2009	NA					
				CMU*	9/29/2009	NA					
				CMU*	10/6/2009	NA					

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#					
				CMU*	10/13/2009	NA					
				CMU*	10/20/2009	NA					
				CMU*	10/27/2009	NA					
				CMU*	11/3/2009	NA					
				CMU*	11/10/2009	NA					
				CMU*	11/17/2009	NA					
				CMU*	11/24/2009	NA					
				CMU*	12/1/2009	NA					
				CMU*	12/8/2009	NA					
				CMU*	12/15/2009	NA					
				CMU*	1/5/2010	NA					
				CMU*	1/12/2010	NA					
				CMU*	1/19/2010	NA					
				CMU*	2/3/2010	NA					
				CMU*	2/23/2010	NA					
				CMU*	3/23/2010	NA					
				CMU*	4/6/2010	NA					
				CMU*	4/20/2010	NA					

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RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#					
2	Rt 88 Bridge			CMU*	5/4/2010	NA					
				CMU*	5/18/2010	NA					
				CMU*	5/25/2010	NA					
				CMU*	6/1/2010	NA					
				CMU*	6/8/2010	NA					
				CMU*	6/15/2010	NA					
				CMU*	6/29/2010	NA					
				CMU*	7/5/2010	NA					
				CMU*	7/13/2010	NA					
				CMU*	7/22/2010	NA					
				CMU*	7/27/2010	NA					
				CMU*	8/5/2010	NA					
				CMU*	8/10/2010	NA					
				CMU*	8/17/2010	NA					
				CMU*	8/24/2010	NA					
CMU*	8/31/2010	NA									
CMU*	9/7/2010	NA									
CMU*	9/14/2010	NA									

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SAMPLE INFORMATION							SPECIFIC CONDUCTANCE FIELD (umhos/c)	Flow (ft ³ /s)	Flow (MGD)	Max Velocity (ft/sec)	Max Velocity (miles/day)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#					
				CMU*	9/21/2010	NA					
				CMU*	9/29/2010	NA					
				CMU*	10/7/2010	NA					
				CMU*	10/11/2010	NA					
				CMU*	10/19/2010	NA					
				CMU*	10/26/2010	NA					
				CMU*	11/3/2010	NA					
				CMU*	12/14/2010	NA					
				CMU*	1/19/2011	NA					
				CMU*	2/16/2011	NA					
				CMU*	3/16/2011	NA					
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500	2349			0.098	1.6
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636	605				

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SAMPLE INFORMATION							TEMPERATURE FIELD	pH FIELD	DO FIELD	P. Parvum Count	OSMOTIC PRESSURE	BOD 5 DAY	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(°C)	(s.u.)	(mg/L)	(cells/mL)	(MOSM)	(mg/L)	(mg/L)
								6.0 - 9.0 (AQ)					
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826	9.38	7.84	12.99		11		
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867	5.86	7.6	10.72		5		
				0577-006	2/4/2010	03539	4.77	7.83	10.57		2		
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827	11.79	8.26	10.98		179		
				0521-230	8/10/2010	25531	29.4	8.54		0	129	6	<1.0
				0521-238	8/24/2010	27079	22	8.4	8.23	0	135	3	<1.0
				0521-247	9/8/2010	28420	24	8.35	8.35	0	117	2.2	<1.0
				0521-259	9/21/2010	29546	19.1	8.45	8.35	0	105	1.8	<1.0
				0521-272	10/5/2010	30836	13.5	8.1	8.76	0	89	2.1	<1.0
				0521-285	10/20/2010	32768	11.9	7.54	9	0	77	<0.2	<1.0
				0521-295	11/3/2010	34514	8.7	7.28	10.46	0	37	2.2	<1.0
				0521-306	11/16/2010	35549	10	8.14	9.71	0	83	2.7	1
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233	NA	NA	NA				
				0593-047	10/25/2008	39240	11.94	7.82	9.67				
				0592-209	10/26/2008	39208	10.63	7.95	10.63				
				0593-053	10/27/2008	39232	10.2	7.8	NA				
				0593-066	10/28/2008	39451	8.76	8.15	NA				
				0593-071	10/29/2008	39573	8.27	8.27	10.51				

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SAMPLE INFORMATION							TEMPERATURE FIELD	pH FIELD	DO FIELD	P. Parvum Count	OSMOTIC PRESSURE	BOD 5 DAY	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(°C)	(s.u.)	(mg/L)	(cells/mL)	(MOSM)	(mg/L)	(mg/L)
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868	3.97	8.49	11.6		84		
				0577-007	2/4/2010	03540	2.41	8.23	12.28		66		
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828	9.05	8.26	10.52		149		
				0577-008	1/21/2010	01735	1.92	8.14	12.73		22		
				0577-008	2/4/2010	03546	2.83	8.49	12.25		40		
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599	26.9	8.4		0	68	2.4	<1.0
				0521-239	8/24/2010	27080	21.6	8.34	9.06	0	126	3.3	<1.0
				0521-248	9/8/2010	28421	21.9	8.25	7.31	0	117	2.7	<1.0
				0521-260	9/21/2010	29547	18.1	8.23	8.23	0	127	3.2	1.21
				0521-273	10/5/2010	30837	12	8.12	10.02	0	88	2.1	<1.0
				0521-286	10/20/2010	32769	10	7.85	9.25	0	76	2	<1.0
				0521-297	11/3/2010	34485	6.9	7.9	10.47	0	83	2.3	<1.0
				0521-308	11/16/2010	35533	9.2	8	10.13	0	80	1.8	<1.0
5.3	Whiteley Creek @			0593-024	10/15/2008	38482	9.68	7.14	NA				
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736	1.63	8.35	14.34		16		
				0577-009	2/4/2010	03547	2.02	8.6	14.23		26		
				1552-258	10/6/2009	35240	18.4	7.3	8.23				
				1552-288	10/21/2009	37146	17		9.83				

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SAMPLE INFORMATION							TEMPERATURE FIELD	pH FIELD	DO FIELD	P. Parvum Count	OSMOTIC PRESSURE	BOD 5 DAY	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(°C)	(s.u.)	(mg/L)	(cells/mL)	(MOSM)	(mg/L)	(mg/L)
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236	9.3	8.4	11.3				
				1552-330	11/18/2009	40519	13.1	7.7					
				1552-345	12/2/2009	41548	8.2	8					
				1552-362	12/16/2009	43390	5.9	7					
				0577-010	1/21/2010	01737	3.33	8.01	12.45		17		
				0577-010	2/4/2010	03548	3.6	8.3	12.16		24		
Rt 88				0593-041	10/24/2008	39227	NA	NA	NA				
				0593-048	10/25/2008	39241	10.97	8.03	9.52				
				0592-208	10/26/2008	39205	11.33	7.8	10.69				
				0593-049	10/27/2008	39228	8.49	8.18	NA				
				0593-067	10/28/2008	39452	7.91	8.6	NA				
				0593-070	10/29/2008	39572	6.48	8.18	10.28				
				NA	11/3/2008	No Sample	12.5						
				0593-081	11/5/2008	40441	9.31	7.47	NA				
				NA	11/7/2008	No Sample	9.36						
				NA	11/10/2008	No Sample	9						
				NA	11/12/2008	No Sample	6.4						
				NA	11/14/2008	No Sample	11						

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SAMPLE INFORMATION							TEMPERATURE FIELD	pH FIELD	DO FIELD	P. Parvum Count	OSMOTIC PRESSURE	BOD 5 DAY	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(°C)	(s.u.)	(mg/L)	(cells/mL)	(MOSM)	(mg/L)	(mg/L)
								6.0 - 9.0 (AQ)					
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample	7.5						
				NA	11/19/2008	No Sample	3.22						
				NA	11/21/2008	No Sample	3.35						
				NA	11/25/2008	No Sample							
				NA	12/23/2008	No Sample	NA						
				NA	12/30/2008	No Sample							
				0521-228	8/10/2010	25598	24.70	7.85		0	51.00	4.40	<1.0
				0521-240	8/24/2010	27081	21.1	8.00	9.11	0	95.00	2.10	<1.0
				0521-249	9/8/2010	28422	20	7.85	9.04	0	80.00	2.30	1.08
				0521-261	9/21/2010	29548	19.5	7.63	9.22	0	75.00	2.20	<1.0
				0521-274	10/5/2010	30838	12.4	7.60	10.27	0	50.00	2.20	<1.0
				0521-287	10/20/2010	32770	12.6	7.44	10.37	0	53.00	<0.20	<1.0
				0521-298	11/3/2010	34486	10	7.47	11.78	0	65.00	1.90	<1.0
0521-309	11/16/2010	35534	10.8	7.47	10.46	0	50.00	1.10	<1.0				
				CMU*	9/17/2009	NA							
				CMU*	9/22/2009	NA							
				CMU*	9/29/2009	NA							
				CMU*	10/6/2009	NA		8.09					

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SAMPLE INFORMATION							TEMPERATURE FIELD	pH FIELD	DO FIELD	P. Parvum Count	OSMOTIC PRESSURE	BOD 5 DAY	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(°C)	(s.u.)	(mg/L)	(cells/mL)	(MOSM)	(mg/L)	(mg/L)
				CMU*	10/13/2009	NA		6.0 - 9.0 (AQ)					
				CMU*	10/20/2009	NA		7.95					
				CMU*	10/27/2009	NA		7.85					
				CMU*	10/27/2009	NA		7.61					
				CMU*	11/3/2009	NA		8.6					
				CMU*	11/10/2009	NA							
				CMU*	11/17/2009	NA		8.15					
				CMU*	11/24/2009	NA							
				CMU*	12/1/2009	NA		8.28					
				CMU*	12/8/2009	NA							
				CMU*	12/15/2009	NA							
				CMU*	1/5/2010	NA							
				CMU*	1/12/2010	NA							
				CMU*	1/19/2010	NA		7.20					
				CMU*	2/3/2010	NA							
				CMU*	2/23/2010	NA							
				CMU*	3/23/2010	NA		7.05					
				CMU*	4/6/2010	NA		7.93					
				CMU*	4/20/2010	NA		7.96					

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SAMPLE INFORMATION							TEMPERATURE FIELD	pH FIELD	DO FIELD	P. Parvum Count	OSMOTIC PRESSURE	BOD 5 DAY	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(°C)	(s.u.)	(mg/L)	(cells/mL)	(MOSM)	(mg/L)	(mg/L)
								6.0 - 9.0 (AQ)					
2	Rt 88 Bridge			CMU*	5/4/2010	NA		7.90					
				CMU*	5/18/2010	NA		8.22					
				CMU*	5/25/2010	NA		8.22					
				CMU*	6/1/2010	NA		8.29					
				CMU*	6/8/2010	NA		7.80					
				CMU*	6/15/2010	NA		7.62					
				CMU*	6/29/2010	NA		8.17					
				CMU*	7/5/2010	NA		8.15					
				CMU*	7/13/2010	NA		7.96					
				CMU*	7/22/2010	NA		7.99					
				CMU*	7/27/2010	NA		7.95					
				CMU*	8/5/2010	NA		8.41					
				CMU*	8/10/2010	NA		7.92					
				CMU*	8/17/2010	NA		7.94					
				CMU*	8/24/2010	NA		8.4					
				CMU*	8/31/2010	NA		7.82					
CMU*	9/7/2010	NA		8.05									
CMU*	9/14/2010	NA		7.66									

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SAMPLE INFORMATION							TEMPERATURE FIELD	pH FIELD	DO FIELD	P. Parvum Count	OSMOTIC PRESSURE	BOD 5 DAY	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(°C)	(s.u.)	(mg/L)	(cells/mL)	(MOSM)	(mg/L)	(mg/L)
				CMU*	9/21/2010	NA		6.0 - 9.0 (AQ)					
				CMU*	9/29/2010	NA		8.58					
				CMU*	10/7/2010	NA		8.02					
				CMU*	10/11/2010	NA		8.05					
				CMU*	10/11/2010	NA		8.33					
				CMU*	10/19/2010	NA		7.78					
				CMU*	10/26/2010	NA		7.77					
				CMU*	11/3/2010	NA		7.66					
				CMU*	12/14/2010	NA		7.88					
				CMU*	1/19/2011	NA		8.02					
				CMU*	2/16/2011	NA		7.89					
				CMU*	3/16/2011	NA		7.9					
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500	10.17	8.03	11.18		44		
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636		7.56					

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SAMPLE INFORMATION							AMMONIA	PHOSPHORUS	Nitrate/Nitrite	ALUMINUM	ANTIMONY	ARSENIC
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826				750 (AFC)	5.6 (THH)	10 (THH)
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867				<200	<2.0	<3.0
				0577-006	2/4/2010	03539				1887	<2.0	<3.0
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827						
				0521-230	8/10/2010	25531	0.02	0.077	0.26			
				0521-238	8/24/2010	27079	0.21	0.059	0.45			
				0521-247	9/8/2010	28420	0.07	0.042	0.28			
				0521-259	9/21/2010	29546	0.05	0.035	0.25			
				0521-272	10/5/2010	30836	0.21	0.028	0.37			
				0521-285	10/20/2010	32768	0.13	0.026	0.46			
				0521-295	11/3/2010	34514	0.12	0.024	0.19			
				0521-306	11/16/2010	35549	0.57	0.05	0.45			
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233					<2.00	3.4
				0593-047	10/25/2008	39240					<2.00	<3.0
				0592-209	10/26/2008	39208					<2.00	<3.0
				0593-053	10/27/2008	39232						
				0593-066	10/28/2008	39451						
				0593-071	10/29/2008	39573					NA	<2.00

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SAMPLE INFORMATION							AMMONIA	PHOSPHORUS	Nitrate/Nitrite	ALUMINUM	ANTIMONY	ARSENIC
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868				750 (AFC)	5.6 (THH)	10 (THH)
				0577-007	2/4/2010	03540				<200	<2.0	<3.0
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828						
				0577-008	1/21/2010	01735				335	<2.0	<3.0
				0577-008	2/4/2010	03546				<200	<2.0	<3.0
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599	<0.02	0.037	<0.24			
				0521-239	8/24/2010	27080	<0.02	0.055	0.3			
				0521-248	9/8/2010	28421	<0.02	0.064	0.04			
				0521-260	9/21/2010	29547	0.03	0.073	<0.04			
				0521-273	10/5/2010	30837	<0.02	0.041	0.28			
				0521-286	10/20/2010	32769	<0.02	0.04	<0.04			
				0521-297	11/3/2010	34485	<0.02	0.033	<0.04			
				0521-308	11/16/2010	35533	<0.02	0.031	0.08			
5.3	Whiteley Creek @			0593-024	10/15/2008	38482				<200	<2.00	<3.0
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736				<200	<2.00	<3.0
				0577-009	2/4/2010	03547				<200	<2.00	<3.0
				1552-258	10/6/2009	35240				No Detect		
				1552-288	10/21/2009	37146				No Detect		

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SAMPLE INFORMATION							AMMONIA	PHOSPHORUS	Nitrate/Nitrite	ALUMINUM	ANTIMONY	ARSENIC
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236				45,000		
				1552-330	11/18/2009	40519				No Detect		
				1552-345	12/2/2009	41548				No Detect		
				1552-362	12/16/2009	43390						
				0577-010	1/21/2010	01737				<200	<2.00	<3.0
				0577-010	2/4/2010	03548						
Rt 88				0593-041	10/24/2008	39227					<2.00	<3.0
				0593-048	10/25/2008	39241					<2.00	<3.0
				0592-208	10/26/2008	39205					<2.00	<3.0
				0593-049	10/27/2008	39228					<2.00	<3.0
				0593-067	10/28/2008	39452						
				0593-070	10/29/2008	39572					<2.00	<3.0
				NA	11/3/2008	No Sample						
				0593-081	11/5/2008	40441						
				NA	11/7/2008	No Sample						
				NA	11/10/2008	No Sample						
				NA	11/12/2008	No Sample						
				NA	11/14/2008	No Sample						

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SAMPLE INFORMATION							AMMONIA	PHOSPHORUS	Nitrate/Nitrite	ALUMINUM	ANTIMONY	ARSENIC
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
										750 (AFC)	5.6 (THH)	10 (THH)
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample						
				NA	11/19/2008	No Sample						
				NA	11/21/2008	No Sample						
				NA	11/25/2008	No Sample						
				NA	12/23/2008	No Sample						
				NA	12/30/2008	No Sample						
				0521-228	8/10/2010	25598	<0.02	0.05	<0.24			
				0521-240	8/24/2010	27081	0.17	0.04	<0.05			
				0521-249	9/8/2010	28422	0.29	0.04	0.01			
				0521-261	9/21/2010	29548	0.02	0.04	0.05			
				0521-274	10/5/2010	30838	0.21	0.02	0.13			
				0521-287	10/20/2010	32770	0.46	0.02	0.18			
				0521-298	11/3/2010	34486	0.26	0.02	0.15			
				0521-309	11/16/2010	35534	0.03	0.39	0.07			
				CMU*	9/17/2009	NA						
				CMU*	9/22/2009	NA						
				CMU*	9/29/2009	NA						
				CMU*	10/6/2009	NA						

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SAMPLE INFORMATION							AMMONIA	PHOSPHORUS	Nitrate/Nitrite	ALUMINUM	ANTIMONY	ARSENIC
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
				CMU*	10/13/2009	NA				750 (AFC)	5.6 (THH)	10 (THH)
				CMU*	10/20/2009	NA						
				CMU*	10/27/2009	NA						
				CMU*	11/3/2009	NA						
				CMU*	11/10/2009	NA						
				CMU*	11/17/2009	NA						
				CMU*	11/24/2009	NA						
				CMU*	12/1/2009	NA						
				CMU*	12/8/2009	NA						
				CMU*	12/15/2009	NA						
				CMU*	1/5/2010	NA						
				CMU*	1/12/2010	NA						
				CMU*	1/19/2010	NA						
				CMU*	2/3/2010	NA						
				CMU*	2/23/2010	NA						
				CMU*	3/23/2010	NA						
				CMU*	4/6/2010	NA						
				CMU*	4/20/2010	NA						

*VanBriesen Research Group, Carnegie Mellon University (CMU)

** All TDS data collected by CMU was analyzed at 180°C. All TDS data collected by the Department prior to August 2010 was analyzed at 105°C and 180°C from August 2010 forward.

SAMPLE INFORMATION							AMMONIA	PHOSPHORUS	Nitrate/Nitrite	ALUMINUM	ANTIMONY	ARSENIC	
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	
										750 (AFC)	5.6 (THH)	10 (THH)	
2	Rt 88 Bridge			CMU*	5/4/2010	NA							
				CMU*	5/18/2010	NA							
				CMU*	5/25/2010	NA							
				CMU*	6/1/2010	NA							
				CMU*	6/8/2010	NA							
				CMU*	6/15/2010	NA							
				CMU*	6/29/2010	NA							
				CMU*	7/5/2010	NA							
				CMU*	7/13/2010	NA							
				CMU*	7/22/2010	NA							
				CMU*	7/27/2010	NA							
				CMU*	8/5/2010	NA							
				CMU*	8/10/2010	NA							
				CMU*	8/17/2010	NA							
				CMU*	8/24/2010	NA							
CMU*	8/31/2010	NA											
CMU*	9/7/2010	NA											
CMU*	9/14/2010	NA											

*VanBriesen Research Group, Carnegie Mellon University (CMU)

** All TDS data collected by CMU was analyzed at 180°C. All TDS data collected by the Department prior to August 2010 was analyzed at 105°C and 180°C from August 2010 forward.

SAMPLE INFORMATION							AMMONIA	PHOSPHORUS	Nitrate/Nitrite	ALUMINUM	ANTIMONY	ARSENIC
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
				CMU*	9/21/2010	NA				750 (AFC)	5.6 (THH)	10 (THH)
				CMU*	9/29/2010	NA						
				CMU*	10/7/2010	NA						
				CMU*	10/11/2010	NA						
				CMU*	10/19/2010	NA						
				CMU*	10/26/2010	NA						
				CMU*	11/3/2010	NA						
				CMU*	12/14/2010	NA						
				CMU*	1/19/2011	NA						
				CMU*	2/16/2011	NA						
				CMU*	3/16/2011	NA						
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500						
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636				<200	<2.00	<3.0

*VanBriesen Research Group, Carnegie Mellon University (CMU)

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SAMPLE INFORMATION							BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER		
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)		
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826									
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867	65	<1.0	<10.0	43.9	<50	<50	<10		
				0577-006	2/4/2010	03539	393	<1.0	<10.0	51.7	<50	<50	<10		
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827									
				0521-230	8/10/2010	25531									
				0521-238	8/24/2010	27079									
				0521-247	9/8/2010	28420									
				0521-259	9/21/2010	29546									
				0521-272	10/5/2010	30836									
				0521-285	10/20/2010	32768									
				0521-295	11/3/2010	34514									
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233									
				0593-047	10/25/2008	39240									
				0592-209	10/26/2008	39208									
				0593-053	10/27/2008	39232									
				0593-066	10/28/2008	39451									
				0593-071	10/29/2008	39573									

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SAMPLE INFORMATION							BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868	40	<1.0	<10.0	92	<50	<50	<10
				0577-007	2/4/2010	03540	36	<1.0	<10.0	83.1	<50	<50	<10
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828							
				0577-008	1/21/2010	01735	49	<1.0	<10.0	52.9	<50	<50	<10
				0577-008	2/4/2010	03546	65	<1.0	<10.0	67.3	<50	<50	<10
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599							
				0521-239	8/24/2010	27080							
				0521-248	9/8/2010	28421							
				0521-260	9/21/2010	29547							
				0521-273	10/5/2010	30837							
				0521-286	10/20/2010	32769							
				0521-297	11/3/2010	34485							
				0521-308	11/16/2010	35533							
5.3	Whiteley Creek @			0593-024	10/15/2008	38482	46	<1.0	<10	89	<50	<50	<10
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736	44	<1.0	<10	53	<50	<50	<10
				0577-009	2/4/2010	03547	63	<1.0	<10	68.4	<50	<50	<10
				1552-258	10/6/2009	35240	28	No Detect	No Detect	118	No Detect	No Detect	No Detect
				1552-288	10/21/2009	37146	25	No Detect	No Detect	100.1	No Detect	No Detect	No Detect

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SAMPLE INFORMATION							BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
							2400 (THH)	NA	@H=100 0.25		10 (CFC)	19 (CFC)	@H=100 9.0
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236	25	5,000	No Detect	102	No Detect	No Detect	No Detect
				1552-330	11/18/2009	40519	26	No Detect	No Detect	101	No Detect	No Detect	No Detect
				1552-345	12/2/2009	41548	25	No Detect	No Detect	113	No Detect	No Detect	No Detect
				1552-362	12/16/2009	43390							
				0577-010	1/21/2010	01737	38	<1.0	<10	67.2	<50	<50	<10
				0577-010	2/4/2010	03548	45			79.1			
Rt 88				0593-041	10/24/2008	39227							
				0593-048	10/25/2008	39241							
				0592-208	10/26/2008	39205							
				0593-049	10/27/2008	39228							
				0593-067	10/28/2008	39452							
				0593-070	10/29/2008	39572							
				NA	11/3/2008	No Sample							
				0593-081	11/5/2008	40441							
				NA	11/7/2008	No Sample							
				NA	11/10/2008	No Sample							
				NA	11/12/2008	No Sample							
				NA	11/14/2008	No Sample							

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SAMPLE INFORMATION							BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
							2400 (THH)	NA	@H=100 0.25		10 (CFC)	19 (CFC)	@H=100 9.0
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample							
				NA	11/19/2008	No Sample							
				NA	11/21/2008	No Sample							
				NA	11/25/2008	No Sample							
				NA	12/23/2008	No Sample							
				NA	12/30/2008	No Sample							
				0521-228	8/10/2010	25598							
				0521-240	8/24/2010	27081							
				0521-249	9/8/2010	28422							
				0521-261	9/21/2010	29548							
				0521-274	10/5/2010	30838							
				0521-287	10/20/2010	32770							
				0521-298	11/3/2010	34486							
				0521-309	11/16/2010	35534							
				CMU*	9/17/2009	NA							
				CMU*	9/22/2009	NA							
				CMU*	9/29/2009	NA							
				CMU*	10/6/2009	NA							

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SAMPLE INFORMATION							BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
							2400 (THH)	NA	@H=100 0.25		10 (CFC)	19 (CFC)	@H=100 9.0
				CMU*	10/13/2009	NA							
				CMU*	10/20/2009	NA							
				CMU*	10/27/2009	NA							
				CMU*	11/3/2009	NA							
				CMU*	11/10/2009	NA							
				CMU*	11/17/2009	NA							
				CMU*	11/24/2009	NA							
				CMU*	12/1/2009	NA							
				CMU*	12/8/2009	NA							
				CMU*	12/15/2009	NA							
				CMU*	1/5/2010	NA							
				CMU*	1/12/2010	NA							
				CMU*	1/19/2010	NA							
				CMU*	2/3/2010	NA							
				CMU*	2/23/2010	NA							
				CMU*	3/23/2010	NA							
				CMU*	4/6/2010	NA							
				CMU*	4/20/2010	NA							

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SAMPLE INFORMATION							BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	
							2400 (THH)	NA	@H=100 0.25		10 (CFC)	19 (CFC)	@H=100 9.0	
2	Rt 88 Bridge			CMU*	5/4/2010	NA								
				CMU*	5/18/2010	NA								
				CMU*	5/25/2010	NA								
				CMU*	6/1/2010	NA								
				CMU*	6/8/2010	NA								
				CMU*	6/15/2010	NA								
				CMU*	6/29/2010	NA								
				CMU*	7/5/2010	NA								
				CMU*	7/13/2010	NA								
				CMU*	7/22/2010	NA								
				CMU*	7/27/2010	NA								
				CMU*	8/5/2010	NA								
				CMU*	8/10/2010	NA								
				CMU*	8/17/2010	NA								
				CMU*	8/24/2010	NA								
CMU*	8/31/2010	NA												
CMU*	9/7/2010	NA												
CMU*	9/14/2010	NA												

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SAMPLE INFORMATION							BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
				CMU*	9/21/2010	NA	2400 (THH)	NA	@H=100 0.25		10 (CFC)	19 (CFC)	@H=100 9.0
				CMU*	9/29/2010	NA							
				CMU*	10/7/2010	NA							
				CMU*	10/11/2010	NA							
				CMU*	10/19/2010	NA							
				CMU*	10/26/2010	NA							
				CMU*	11/3/2010	NA							
				CMU*	12/14/2010	NA							
				CMU*	1/19/2011	NA							
				CMU*	2/16/2011	NA							
				CMU*	3/16/2011	NA							
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500							
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636	85.000	<1.0	<10.0	97.0	<50	<50	<10

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SAMPLE INFORMATION							IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826	1500 (AL)	@H=100 2.5		1000 (PWS)	0.05 (THH)	@H=100 52
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867	67	<1.0	8.29	<10.0	<0.2	<50
				0577-006	2/4/2010	03539	2195	3.3	10	311	<0.2	<50
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827						
				0521-230	8/10/2010	25531						
				0521-238	8/24/2010	27079						
				0521-247	9/8/2010	28420						
				0521-259	9/21/2010	29546						
				0521-272	10/5/2010	30836						
				0521-285	10/20/2010	32768						
				0521-295	11/3/2010	34514						
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233		<1.0			<0.2	
				0593-047	10/25/2008	39240		<1.0			<0.2	
				0592-209	10/26/2008	39208		<1.0			<0.2	
				0593-053	10/27/2008	39232						
				0593-066	10/28/2008	39451						
				0593-071	10/29/2008	39573		<1.0			<0.2	

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SAMPLE INFORMATION							IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	1500 (AL)	@H=100 2.5	(mg/L)	(ug/L)	(ug/L)	(ug/L)
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868	1503	<1.0	68	457	<0.2	<50
				0577-007	2/4/2010	03540	818	<1.0	55.5	315	<0.2	<50
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828						
				0577-008	1/21/2010	01735	803	<1.0	20	195	<0.2	<50
				0577-008	2/4/2010	03546	372	<1.0	32	203	<0.2	<50
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599						
				0521-239	8/24/2010	27080						
				0521-248	9/8/2010	28421						
				0521-260	9/21/2010	29547						
				0521-273	10/5/2010	30837						
				0521-286	10/20/2010	32769						
				0521-297	11/3/2010	34485						
				0521-308	11/16/2010	35533						
5.3	Whiteley Creek @			0593-024	10/15/2008	38482	120	<1.0	68.7	41	<0.2	<50
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736	324	<1.0	17.8	84	<0.2	<50
				0577-009	2/4/2010	03547	250	<1.0	25.1	103	<0.2	<50
				1552-258	10/6/2009	35240	205	No Detect	67.08	76	No Detect	No Detect
				1552-288	10/21/2009	37146	165	No Detect	51.5	43	No Detect	No Detect

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SAMPLE INFORMATION							IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
							1500 (AL)	@H=100 2.5		1000 (PWS)	0.05 (THH)	@H=100 52
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236	132	No Detect	55.5	40	No Detect	No Detect
				1552-330	11/18/2009	40519	134	No Detect	66.7	35	No Detect	No Detect
				1552-345	12/2/2009	41548	167	No Detect	72.1	33	No Detect	No Detect
				1552-362	12/16/2009	43390						
				0577-010	1/21/2010	01737	337	<1.0	23.4	67	<0.2	<50
				0577-010	2/4/2010	03548	180		28.5	69		
Rt 88				0593-041	10/24/2008	39227		<1.0			<0.2	
				0593-048	10/25/2008	39241		<1.0			<0.2	
				0592-208	10/26/2008	39205		<1.0			<0.2	
				0593-049	10/27/2008	39228		<1.0			<0.2	
				0593-067	10/28/2008	39452						
				0593-070	10/29/2008	39572		<1.0			<0.2	
				NA	11/3/2008	No Sample						
				0593-081	11/5/2008	40441						
				NA	11/7/2008	No Sample						
				NA	11/10/2008	No Sample						
				NA	11/12/2008	No Sample						
				NA	11/14/2008	No Sample						

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SAMPLE INFORMATION							IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
							1500 (AL)	@H=100 2.5		1000 (PWS)	0.05 (THH)	@H=100 52
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample						
				NA	11/19/2008	No Sample						
				NA	11/21/2008	No Sample						
				NA	11/25/2008	No Sample						
				NA	12/23/2008	No Sample						
				NA	12/30/2008	No Sample						
				0521-228	8/10/2010	25598						
				0521-240	8/24/2010	27081						
				0521-249	9/8/2010	28422						
				0521-261	9/21/2010	29548						
				0521-274	10/5/2010	30838						
				0521-287	10/20/2010	32770						
				0521-298	11/3/2010	34486						
				0521-309	11/16/2010	35534						
				CMU*	9/17/2009	NA						
				CMU*	9/22/2009	NA						
				CMU*	9/29/2009	NA						
				CMU*	10/6/2009	NA						

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** All TDS data collected by CMU was analyzed at 180°C. All TDS data collected by the Department prior to August 2010 was analyzed at 105°C and 180°C from August 2010 forward.

SAMPLE INFORMATION							IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
				CMU*	10/13/2009	NA	1500 (AL)	@H=100 2.5		1000 (PWS)	0.05 (THH)	@H=100 52
				CMU*	10/20/2009	NA						
				CMU*	10/27/2009	NA						
				CMU*	11/3/2009	NA						
				CMU*	11/10/2009	NA						
				CMU*	11/17/2009	NA						
				CMU*	11/24/2009	NA						
				CMU*	12/1/2009	NA						
				CMU*	12/8/2009	NA						
				CMU*	12/15/2009	NA						
				CMU*	1/5/2010	NA						
				CMU*	1/12/2010	NA						
				CMU*	1/19/2010	NA						
				CMU*	2/3/2010	NA						
				CMU*	2/23/2010	NA						
				CMU*	3/23/2010	NA						
				CMU*	4/6/2010	NA						
				CMU*	4/20/2010	NA						

*VanBriesen Research Group, Carnegie Mellon University (CMU)

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SAMPLE INFORMATION							IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL	
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	
							1500 (AL)	@H=100 2.5		1000 (PWS)	0.05 (THH)	@H=100 52	
2	Rt 88 Bridge			CMU*	5/4/2010	NA							
				CMU*	5/18/2010	NA							
				CMU*	5/25/2010	NA							
				CMU*	6/1/2010	NA							
				CMU*	6/8/2010	NA							
				CMU*	6/15/2010	NA							
				CMU*	6/29/2010	NA							
				CMU*	7/5/2010	NA							
				CMU*	7/13/2010	NA							
				CMU*	7/22/2010	NA							
				CMU*	7/27/2010	NA							
				CMU*	8/5/2010	NA							
				CMU*	8/10/2010	NA							
				CMU*	8/17/2010	NA							
				CMU*	8/24/2010	NA							
CMU*	8/31/2010	NA											
CMU*	9/7/2010	NA											
CMU*	9/14/2010	NA											

*VanBriesen Research Group, Carnegie Mellon University (CMU)

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SAMPLE INFORMATION							IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	(ug/L)
				CMU*	9/21/2010	NA	1500 (AL)	@H=100 2.5		1000 (PWS)	0.05 (THH)	@H=100 52
				CMU*	9/29/2010	NA						
				CMU*	10/7/2010	NA						
				CMU*	10/11/2010	NA						
				CMU*	10/19/2010	NA						
				CMU*	10/26/2010	NA						
				CMU*	11/3/2010	NA						
				CMU*	12/14/2010	NA						
				CMU*	1/19/2011	NA						
				CMU*	2/16/2011	NA						
				CMU*	3/16/2011	NA						
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500						
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636	159	<1.0	26.800	104.000	<0.2	<50

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SAMPLE INFORMATION							POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826		4.6 (CFC)	@H=100 3.2			0.24 (THH)
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867	1.487	<7	<10	24.7	200	<2
				0577-006	2/4/2010	03539	1.556	<7	<10	24.9	225	<2
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827						
				0521-230	8/10/2010	25531						
				0521-238	8/24/2010	27079						
				0521-247	9/8/2010	28420						
				0521-259	9/21/2010	29546						
				0521-272	10/5/2010	30836						
				0521-285	10/20/2010	32768						
				0521-295	11/3/2010	34514						
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233		10.3				<2
				0593-047	10/25/2008	39240		8.2				<2
				0592-209	10/26/2008	39208		7.99				<2
				0593-053	10/27/2008	39232						
				0593-066	10/28/2008	39451						
				0593-071	10/29/2008	39573		<7				<2

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SAMPLE INFORMATION							POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)
								4.6 (CFC)	@H=100 3.2			0.24 (THH)
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868	5.524	<7	<10	1240	2716	<2
				0577-007	2/4/2010	03540	4.064	<7	<10	855	1953	<2
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828						
				0577-008	1/21/2010	01735	2.414	<7	<10	270	682	<2
				0577-008	2/4/2010	03546	3.423	<7	<10	540	1299	<2
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599						
				0521-239	8/24/2010	27080						
				0521-248	9/8/2010	28421						
				0521-260	9/21/2010	29547						
				0521-273	10/5/2010	30837						
				0521-286	10/20/2010	32769						
				0521-297	11/3/2010	34485						
				0521-308	11/16/2010	35533						
5.3	Whiteley Creek @			0593-024	10/15/2008	38482	7.050	8	<10	1840.0		<2
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736	2.204	8	<10	179.0	567.0	<2
				0577-009	2/4/2010	03547	2.713	8	<10	342.0	778.0	<2
				1552-258	10/6/2009	35240	6.952	No Detect	No Detect	802	2,305	No Detect
				1552-288	10/21/2009	37146	5.24	No Detect	No Detect	683.6	1,538	No Detect

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SAMPLE INFORMATION							POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)
								4.6 (CFC)	@H=100 3.2			0.24 (THH)
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236	5.051	No Detect	No Detect	760	1,710	No Detect
				1552-330	11/18/2009	40519	5.82	No Detect	No Detect	1,160	2,260	No Detect
				1552-345	12/2/2009	41548	5.82	No Detect	No Detect	1,190	2,210	No Detect
				1552-362	12/16/2009	43390						
				0577-010	1/21/2010	01737	2.684	<7	<10	197.0	772.0	<2
				0577-010	2/4/2010	03548	2.563			307.0	892.0	
Rt 88				0593-041	10/24/2008	39227		<7				<2
				0593-048	10/25/2008	39241		<7				<2
				0592-208	10/26/2008	39205		<7				<2
				0593-049	10/27/2008	39228		<7				<2
				0593-067	10/28/2008	39452						
				0593-070	10/29/2008	39572		<7				<2
				NA	11/3/2008	No Sample						
				0593-081	11/5/2008	40441						
				NA	11/7/2008	No Sample						
				NA	11/10/2008	No Sample						
				NA	11/12/2008	No Sample						
				NA	11/14/2008	No Sample						

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SAMPLE INFORMATION							POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)
								4.6 (CFC)	@H=100 3.2			0.24 (THH)
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample						
				NA	11/19/2008	No Sample						
				NA	11/21/2008	No Sample						
				NA	11/25/2008	No Sample						
				NA	12/23/2008	No Sample						
				NA	12/30/2008	No Sample						
				0521-228	8/10/2010	25598						
				0521-240	8/24/2010	27081						
				0521-249	9/8/2010	28422						
				0521-261	9/21/2010	29548						
				0521-274	10/5/2010	30838						
				0521-287	10/20/2010	32770						
				0521-298	11/3/2010	34486						
				0521-309	11/16/2010	35534						
				CMU*	9/17/2009	NA						
				CMU*	9/22/2009	NA						
				CMU*	9/29/2009	NA						
				CMU*	10/6/2009	NA						

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SAMPLE INFORMATION							POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)
				CMU*	10/13/2009	NA		4.6 (CFC)	@H=100 3.2			0.24 (THH)
				CMU*	10/20/2009	NA						
				CMU*	10/27/2009	NA						
				CMU*	11/3/2009	NA						
				CMU*	11/10/2009	NA						
				CMU*	11/17/2009	NA						
				CMU*	11/24/2009	NA						
				CMU*	12/1/2009	NA						
				CMU*	12/8/2009	NA						
				CMU*	12/15/2009	NA						
				CMU*	1/5/2010	NA						
				CMU*	1/12/2010	NA						
				CMU*	1/19/2010	NA						
				CMU*	2/3/2010	NA						
				CMU*	2/23/2010	NA						
				CMU*	3/23/2010	NA						
				CMU*	4/6/2010	NA						
				CMU*	4/20/2010	NA						

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SAMPLE INFORMATION							POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM	
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)	
								4.6 (CFC)	@H=100 3.2			0.24 (THH)	
2	Rt 88 Bridge			CMU*	5/4/2010	NA							
				CMU*	5/18/2010	NA							
				CMU*	5/25/2010	NA							
				CMU*	6/1/2010	NA							
				CMU*	6/8/2010	NA							
				CMU*	6/15/2010	NA							
				CMU*	6/29/2010	NA							
				CMU*	7/5/2010	NA							
				CMU*	7/13/2010	NA							
				CMU*	7/22/2010	NA							
				CMU*	7/27/2010	NA							
				CMU*	8/5/2010	NA							
				CMU*	8/10/2010	NA							
				CMU*	8/17/2010	NA							
				CMU*	8/24/2010	NA							
CMU*	8/31/2010	NA											
CMU*	9/7/2010	NA											
CMU*	9/14/2010	NA											

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SAMPLE INFORMATION							POTASSIUM	SELENIUM	SILVER	SODIUM	STRONTIUM	THALLIUM
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(ug/L)	(ug/L)
				CMU*	9/21/2010	NA		4.6 (CFC)	@H=100 3.2			0.24 (THH)
				CMU*	9/29/2010	NA						
				CMU*	10/7/2010	NA						
				CMU*	10/11/2010	NA						
				CMU*	10/19/2010	NA						
				CMU*	10/26/2010	NA						
				CMU*	11/3/2010	NA						
				CMU*	12/14/2010	NA						
				CMU*	1/19/2011	NA						
				CMU*	2/16/2011	NA						
				CMU*	3/16/2011	NA						
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500						
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636	4.620	<7	<10	34.4		<2

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SAMPLE INFORMATION							VANADIUM	ZINC	Osmotic Pressure	Ammonia Nitrogen	Nitrate/Nitrite	TKN	
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(MOSM)	(mg/L)	(mg/L)	(mg/L)	
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826	100 (CFC)	@H=100 120					
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867	27	<10.0	5	0.08	0.65	<1.0	
				0577-006	2/4/2010	03539	<20	13	2	<0.2	0.28	<1.0	
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827							
				0521-230	8/10/2010	25531							
				0521-238	8/24/2010	27079							
				0521-247	9/8/2010	28420							
				0521-259	9/21/2010	29546							
				0521-272	10/5/2010	30836							
				0521-285	10/20/2010	32768							
				0521-295	11/3/2010	34514							
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233							
				0593-047	10/25/2008	39240							
				0592-209	10/26/2008	39208							
				0593-053	10/27/2008	39232							
				0593-066	10/28/2008	39451							
				0593-071	10/29/2008	39573							

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SAMPLE INFORMATION							VANADIUM	ZINC	Osmotic Pressure	Ammonia Nitrogen	Nitrate/Nitrite	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(MOSM)	(mg/L)	(mg/L)	(mg/L)
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868	<20	<10.0	84	0.65	0.68	<1.0
				0577-007	2/4/2010	03540	23	<10.0	66	0.38	0.67	<1.0
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828						
				0577-008	1/21/2010	01735	<20	<10.0	22	0.07	0.73	<1.0
				0577-008	2/4/2010	03546	<20	<10.0	40	0.16	0.52	<1.0
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599						
				0521-239	8/24/2010	27080						
				0521-248	9/8/2010	28421						
				0521-260	9/21/2010	29547						
				0521-273	10/5/2010	30837						
				0521-286	10/20/2010	32769						
				0521-297	11/3/2010	34485						
				0521-308	11/16/2010	35533						
5.3	Whiteley Creek @			0593-024	10/15/2008	38482	<20	<10				
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736	<20	<10	16	<.02	0.73	<1.0
				0577-009	2/4/2010	03547	<20	<10	26	0.04	0.45	<1.0
				1552-258	10/6/2009	35240	No Detect	No Detect	64	0.33	0.31	No Detect
				1552-288	10/21/2009	37146	No Detect	No Detect	57	0.12	0.37	No Detect

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SAMPLE INFORMATION							VANADIUM	ZINC	Osmotic Pressure	Ammonia Nitrogen	Nitrate/Nitrite	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(MOSM)	(mg/L)	(mg/L)	(mg/L)
							100 (CFC)	@H=100 120				
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236	No Detect	No Detect	65	0.24	0.21	No Detect
				1552-330	11/18/2009	40519	No Detect	No Detect	88	0.02	0.36	No Detect
				1552-345	12/2/2009	41548	No Detect	No Detect	81	0.04	0.8	No Detect
				1552-362	12/16/2009	43390						
				0577-010	1/21/2010	01737	<20	<10	17	0.03	0.74	<1.0
				0577-010	2/4/2010	03548			24	0.08	0.46	
Rt 88				0593-041	10/24/2008	39227						
				0593-048	10/25/2008	39241						
				0592-208	10/26/2008	39205						
				0593-049	10/27/2008	39228						
				0593-067	10/28/2008	39452						
				0593-070	10/29/2008	39572						
				NA	11/3/2008	No Sample						
				0593-081	11/5/2008	40441						
				NA	11/7/2008	No Sample						
				NA	11/10/2008	No Sample						
				NA	11/12/2008	No Sample						
				NA	11/14/2008	No Sample						

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SAMPLE INFORMATION							VANADIUM	ZINC	Osmotic Pressure	Ammonia Nitrogen	Nitrate/Nitrite	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(MOSM)	(mg/L)	(mg/L)	(mg/L)
							100 (CFC)	@H=100 120				
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample						
				NA	11/19/2008	No Sample						
				NA	11/21/2008	No Sample						
				NA	11/25/2008	No Sample						
				NA	12/23/2008	No Sample						
				NA	12/30/2008	No Sample						
				0521-228	8/10/2010	25598						
				0521-240	8/24/2010	27081						
				0521-249	9/8/2010	28422						
				0521-261	9/21/2010	29548						
				0521-274	10/5/2010	30838						
				0521-287	10/20/2010	32770						
				0521-298	11/3/2010	34486						
				0521-309	11/16/2010	35534						
				CMU*	9/17/2009	NA						
				CMU*	9/22/2009	NA						
				CMU*	9/29/2009	NA						
				CMU*	10/6/2009	NA						

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SAMPLE INFORMATION							VANADIUM	ZINC	Osmotic Pressure	Ammonia Nitrogen	Nitrate/Nitrite	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(MOSM)	(mg/L)	(mg/L)	(mg/L)
				CMU*	10/13/2009	NA	100 (CFC)	@H=100 120				
				CMU*	10/20/2009	NA						
				CMU*	10/27/2009	NA						
				CMU*	11/3/2009	NA						
				CMU*	11/10/2009	NA						
				CMU*	11/17/2009	NA						
				CMU*	11/24/2009	NA						
				CMU*	12/1/2009	NA						
				CMU*	12/8/2009	NA						
				CMU*	12/15/2009	NA						
				CMU*	1/5/2010	NA						
				CMU*	1/12/2010	NA						
				CMU*	1/19/2010	NA						
				CMU*	2/3/2010	NA						
				CMU*	2/23/2010	NA						
				CMU*	3/23/2010	NA						
				CMU*	4/6/2010	NA						
				CMU*	4/20/2010	NA						

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SAMPLE INFORMATION							VANADIUM	ZINC	Osmotic Pressure	Ammonia Nitrogen	Nitrate/Nitrite	TKN	
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(MOSM)	(mg/L)	(mg/L)	(mg/L)	
							100 (CFC)	@H=100 120					
2	Rt 88 Bridge			CMU*	5/4/2010	NA							
				CMU*	5/18/2010	NA							
				CMU*	5/25/2010	NA							
				CMU*	6/1/2010	NA							
				CMU*	6/8/2010	NA							
				CMU*	6/15/2010	NA							
				CMU*	6/29/2010	NA							
				CMU*	7/5/2010	NA							
				CMU*	7/13/2010	NA							
				CMU*	7/22/2010	NA							
				CMU*	7/27/2010	NA							
				CMU*	8/5/2010	NA							
				CMU*	8/10/2010	NA							
				CMU*	8/17/2010	NA							
				CMU*	8/24/2010	NA							
CMU*	8/31/2010	NA											
CMU*	9/7/2010	NA											
CMU*	9/14/2010	NA											

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SAMPLE INFORMATION							VANADIUM	ZINC	Osmotic Pressure	Ammonia Nitrogen	Nitrate/Nitrite	TKN
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	(ug/L)	(ug/L)	(MOSM)	(mg/L)	(mg/L)	(mg/L)
				CMU*	9/21/2010	NA	100 (CFC)	@H=100 120				
				CMU*	9/29/2010	NA						
				CMU*	10/7/2010	NA						
				CMU*	10/11/2010	NA						
				CMU*	10/19/2010	NA						
				CMU*	10/26/2010	NA						
				CMU*	11/3/2010	NA						
				CMU*	12/14/2010	NA						
				CMU*	1/19/2011	NA						
				CMU*	2/16/2011	NA						
				CMU*	3/16/2011	NA						
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500						
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636	<20	10				

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SAMPLE INFORMATION							Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	
34.2	Whiteley Crk RMI			0577-022	11/18/2009	40826	
22.3	Whiteley Creek Headwaters			0577-006	1/21/2010	01867	0.011
				0577-006	2/4/2010	03539	0.015
19.6	Shriver Hill Road Bridge, DS of Patterson Run	39°47' 39.5"	80°8' 8.4"	0577-023	11/18/2009	40827	
				0521-230	8/10/2010	25531	
				0521-238	8/24/2010	27079	
				0521-247	9/8/2010	28420	
				0521-259	9/21/2010	29546	
				0521-272	10/5/2010	30836	
				0521-285	10/20/2010	32768	
				0521-295	11/3/2010	34514	
19.0	Whiteley Crk RMI 19.0 @ T572 Brdg			0593-036	10/24/2008	39233	
				0593-047	10/25/2008	39240	
				0592-209	10/26/2008	39208	
				0593-053	10/27/2008	39232	
				0593-066	10/28/2008	39451	
				0593-071	10/29/2008	39573	

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SAMPLE INFORMATION							Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	
18.9	Whiteley Creek DS of Patterson Run			0577-007	1/21/2010	01868	0.019
				0577-007	2/4/2010	03540	0.044
13.4	Whiteley Creek RMI 13.4 EPA 24			0577-024	11/18/2009	40828	
				0577-008	1/21/2010	01735	0.018
				0577-008	2/4/2010	03546	0.021
9.4	SR 2019 Bridge at Garards Fort, DS of Woods Run	39°48' 43.4"	80°0' 49.5"	0521-229	8/10/2010	25599	
				0521-239	8/24/2010	27080	
				0521-248	9/8/2010	28421	
				0521-260	9/21/2010	29547	
				0521-273	10/5/2010	30837	
				0521-286	10/20/2010	32769	
				0521-297	11/3/2010	34485	
				0521-308	11/16/2010	35533	
5.3	Whiteley Creek @			0593-024	10/15/2008	38482	
3.91	Whiteley Creek Mapletown Bridge			0577-009	1/21/2010	01736	0.016
				0577-009	2/4/2010	03547	0.017
				1552-258	10/6/2009	35240	0.023
				1552-288	10/21/2009	37146	0.012

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SAMPLE INFORMATION							Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	
2.4	Whiteley Creek 300 m DS of Warwick Waste Water Plant			1552-309	11/4/2009	39236	0.017
				1552-330	11/18/2009	40519	0.02
				1552-345	12/2/2009	41548	0.015
				1552-362	12/16/2009	43390	
				0577-010	1/21/2010	01737	0.013
				0577-010	2/4/2010	03548	0.011
Rt 88				0593-041	10/24/2008	39227	
				0593-048	10/25/2008	39241	
				0592-208	10/26/2008	39205	
				0593-049	10/27/2008	39228	
				0593-067	10/28/2008	39452	
				0593-070	10/29/2008	39572	
				NA	11/3/2008	No Sample	
				0593-081	11/5/2008	40441	
				NA	11/7/2008	No Sample	
				NA	11/10/2008	No Sample	
				NA	11/12/2008	No Sample	
				NA	11/14/2008	No Sample	

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SAMPLE INFORMATION							Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	
2.3	Bridge at Sigsbee 2.2 miles US of Mouth	39°49' 16.8"	79°57' 8.3"	NA	11/17/2008	No Sample	
				NA	11/19/2008	No Sample	
				NA	11/21/2008	No Sample	
				NA	11/25/2008	No Sample	
				NA	12/23/2008	No Sample	
				NA	12/30/2008	No Sample	
				0521-228	8/10/2010	25598	
				0521-240	8/24/2010	27081	
				0521-249	9/8/2010	28422	
				0521-261	9/21/2010	29548	
				0521-274	10/5/2010	30838	
				0521-287	10/20/2010	32770	
				0521-298	11/3/2010	34486	
				0521-309	11/16/2010	35534	
				CMU*	9/17/2009	NA	
				CMU*	9/22/2009	NA	
				CMU*	9/29/2009	NA	
				CMU*	10/6/2009	NA	

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SAMPLE INFORMATION							Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	
				CMU*	10/13/2009	NA	
				CMU*	10/20/2009	NA	
				CMU*	10/27/2009	NA	
				CMU*	11/3/2009	NA	
				CMU*	11/10/2009	NA	
				CMU*	11/17/2009	NA	
				CMU*	11/24/2009	NA	
				CMU*	12/1/2009	NA	
				CMU*	12/8/2009	NA	
				CMU*	12/15/2009	NA	
				CMU*	1/5/2010	NA	
				CMU*	1/12/2010	NA	
				CMU*	1/19/2010	NA	
				CMU*	2/3/2010	NA	
				CMU*	2/23/2010	NA	
				CMU*	3/23/2010	NA	
				CMU*	4/6/2010	NA	
				CMU*	4/20/2010	NA	

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SAMPLE INFORMATION							Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	
2	Rt 88 Bridge			CMU*	5/4/2010	NA	
				CMU*	5/18/2010	NA	
				CMU*	5/25/2010	NA	
				CMU*	6/1/2010	NA	
				CMU*	6/8/2010	NA	
				CMU*	6/15/2010	NA	
				CMU*	6/29/2010	NA	
				CMU*	7/5/2010	NA	
				CMU*	7/13/2010	NA	
				CMU*	7/22/2010	NA	
				CMU*	7/27/2010	NA	
				CMU*	8/5/2010	NA	
				CMU*	8/10/2010	NA	
				CMU*	8/17/2010	NA	
				CMU*	8/24/2010	NA	
				CMU*	8/31/2010	NA	
CMU*	9/7/2010	NA					
CMU*	9/14/2010	NA					

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SAMPLE INFORMATION							Phosphorus (mg/L)
RMI	SAMPLE LOCATION	LATITUDE	LONGITUDE	SAMPLE ID#	DATE COLLECTED	LAB ID#	
				CMU*	9/21/2010	NA	
				CMU*	9/29/2010	NA	
				CMU*	10/7/2010	NA	
				CMU*	10/11/2010	NA	
				CMU*	10/19/2010	NA	
				CMU*	10/26/2010	NA	
				CMU*	11/3/2010	NA	
				CMU*	12/14/2010	NA	
				CMU*	1/19/2011	NA	
				CMU*	2/16/2011	NA	
				CMU*	3/16/2011	NA	
0.1	Whiteley Creek RMI			0577-008	11/18/2009	40500	
LITTLE WHITELEY	Whiteley Creek			0552-867	10/16/2008	37636	

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