

TABLE 1
Wagner Creek
Stormwater Sampling Event #2
August 28 & 29, 2013

Basin	SC01			SC02	WC06		WC02		WC01						WC04	Regulatory Criteria - Marine*
Parameter (Unit)	Station 1	Station 2	Station 3	Station 4	Station 5	Station 6	Station 7	Station 8	Station 9	Station 9a	Station 10	Station 11	Station 12	Station 14	Station 16	
Fecal Coliform (CFU/100ml)	1020	1860	360	< 20	>2000***	990	1060	1620	NS	1520	1580	1340	1520	1080	25200	800
Iron (mg/L)	0.101	0.0910	0.0310	0.210	2.06	0.140	0.304	0.118	NS	0.203	0.310	0.189	0.165	0.219	0.310	≤ 0.3
Calcium (mg/L)	63.50	35.90	64.20	20.10	81.20	62.20	62.30	64.50	NS	68.70	22.90	40.80	54.70	75.40	52.30	N/C
Ammonia as N (mg/L)	0.0251 [†]	< 0.0140	< 0.0140	0.358	< 0.0140	0.0216 [†]	0.0223 [†]	0.0598	NS	0.151	0.275	0.0790	0.0210 [†]	0.0173 [†]	< 0.0140	N/C
Total Kjeldahl Nitrogen (TKN) (mg/L)	0.654	0.202 [†]	0.630	0.668	1.38	0.636	0.396	0.276	NS	0.570	0.667	0.382	0.588	0.447	1.21	N/C
Nitrate/Nitrite as N (mg/L)	0.320	0.400	0.220	0.440	0.240	0.250	0.230	0.260	NS	0.240	< 0.0380	0.310	0.250	0.210	0.330	N/C
Total Nitrogen (mg/L)	0.984	0.602	0.850	1.35	1.62	0.886	0.626	0.536	NS	0.810	0.847	0.692	0.838	0.657	1.53	N/C
Biochemical Oxygen Demand (mg/L)	11.8	14.6	20	12.8	36.9	13.2	14.5	14.3	NS	21.0	17.1	13.7	14.1	20.7	101	N/C**
Phosphorus, Total (mg/L)	0.0340	0.0330	0.0260	0.100	0.403	0.0450	0.0460	0.0470	NS	0.0250	0.118	0.0940	0.0990	0.0560	0.511	N/C
MBAS (mg/L)	< 0.0603	0.0670	< 0.0603	< 0.0603	0.0740 [†]	< 0.0603	< 0.0603	< 0.0603	NS	< 0.0603	0.0840	< 0.0603	0.0630 [†]	0.0630	0.0980 [†]	N/C
Total Suspended Solids (mg/L)	3.30	10.70	8	17.0	952	5	24.3	1.30 [†]	NS	3.30	9.70	4	6.70	10.3	5.70	N/C
Total Dissolved Solids (mg/L)	1490	336	364	164	86	1040	960	932	NS	636	76	154	764	820	214	N/C

N/S: Not sampled due to lack of water within structure

N/C: No specific regulatory criteria standard determined for analyte

CFU: Colony Forming Units

Bold - Exceeds Regulatory Criteria

*Unless otherwise noted Chapter 62-302: Surface Water Quality Criteria - Class III Marine Waters

** Shall not be increased to exceed values which would cause dissolved oxygen to be depressed below the limit established for each class and, in no case shall it be great enough to produce nuisance conditions.

*** Too many colonies present for accurate counting

[†] : The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

TABLE 1
Wagner Creek
Stormwater Sampling Event #3
September 12, 2013

Basin	SC01			SC02	WC06		WC02			WC01						WC04	Regulatory Criteria - Marine*
Parameter (Unit)	Station 1	Station 2	Station 3	Station 4	Station 5	Station 6	Station 7	Station 7 (Duplicate)	Station 8	Station 9	Station 9a	Station 10	Station 11	Station 12	Station 14	Station 16	
Fecal Coliform (CFU/100ml)	1720	1560	140	900	N/S	4400	3650	3450	4050	3800	3150	3600	2950	4050	2750	>20,000	800
Iron (mg/L)	0.0970	0.1370	0.0160	0.0890	N/S	0.109	0.120	0.0960	0.113	0.0900	0.194	0.121	0.113	0.114	0.121	0.263	≤ 0.3
Calcium (mg/L)	74.50	46.40	61.30	14.10	N/S	55.20	58.60	55.00	60.10	64.00	44.00	17.00	25.90	55.10	48.30	35.60	N/C
Ammonia as N (mg/L)	0.0940	0.0240 [†]	< 0.0140	0.0720	N/S	0.0320 [†]	0.0770	0.0510	0.0610	0.0610	0.0860	0.0910	< 0.0140	0.0750	0.0250	0.134	N/C
Total Kjeldahl Nitrogen (TKN) (mg/L)	0.892	0.541	0.740	0.355	N/S	0.414	0.317	0.692	0.295	0.607	0.339	0.573	0.465	0.549	0.514	1.96	N/C
Nitrate/Nitrite as N (mg/L)	0.40	0.640	0.40	0.490	N/S	0.370	0.360	0.390	0.380	0.500	0.350	0.350	0.370	0.420	0.350	< 0.0380	N/C
Total Nitrogen (mg/L)	1.29	1.18	1.14	0.842	N/S	0.781	0.675	1.08	0.676	1.11	0.687	0.923	0.835	0.969	0.862	1.95	N/C
Biochemical Oxygen Demand (mg/L)	10.6	11.7	8.58	7.98	N/S	8.70	8.88	10.1	9.48	10.3	11.4	10.4	11.2	11.9	11.0	31.2	N/C**
Phosphorus, Total (mg/L)	<0.0030	0.0280	0.0190	0.0310	N/S	0.0430	0.0400	0.0340	0.0380	0.0360	0.0090	0.0670	0.0780	0.0390	0.0470	0.374	N/C
MBAS (mg/L)	<0.0603	<0.0603	<0.0603	<0.0603	N/S	<0.0603	<0.0603	<0.0603	<0.0603	0.0970 [†]	<0.0603	0.0840	<0.0603	<0.0603	<0.0603	0.147 [†]	N/C
Total Suspended Solids (mg/L)	2.30	4.70	4.00	4.00	N/S	4.30	5.70	2.70	4.00	7.70	6.00	5.70	4.00	4.00	12.3	24.7	N/C
Total Dissolved Solids (mg/L)	2650	418	352	86	N/S	912	940	940	956	1250	364	76.0	154	860	628	190	N/C

N/S: Not sampled due to lack of water within structure

N/C: No specific regulatory criteria standard determined for analyte

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*** Too many colonies present for accurate counting

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TABLE 3
Wagner Creek
Stormwater Sampling Event #4
March 7, 2014

Basin	SC01				SC02	WC06		WC02		WC01						WC04	Regulatory Criteria - Marine*
Parameter (Unit)	Station1	Station 1 Duplicate	Station 2	Station 3	Station 4	Station 5	Station 6	Station 7	Station 8	Station 9	Station 9a	Station 10	Station 11	Station 12	Station 14	Station 16	
Fecal Coliform (CFU/100ml)	5600	5200	5200	1100	100	1600	2100	6100	2500	5400	5600	4900	4500	5100	5300	4900	800
Iron (mg/L)	0.0600	0.0640	1.48	0.0660	0.489	0.134	0.0900	0.114	0.108	0.450	0.186	0.872	0.354	0.133	0.178	0.221	≤ 0.3
Calcium (mg/L)	134.0	136.0	70.50	60.60	18.80	112.0	125.0	85.30	90.90	71.50	57.00	27.70	33.40	79.50	86.00	50.70	N/C
Ammonia as N (mg/L)	ND J-03, ^u	ND ^u	ND ^u	ND ^u	0.205	ND ^u	ND ^u	0.0170 ^l	ND ^u	0.0550	ND ^u	ND ^u	ND ^u	ND ^u	ND ^u	ND ^u	N/C
Total Kjeldahl Nitrogen (TKN) (mg/L)	0.420	0.556	9.81	0.500	0.802	0.384	0.420	0.422	0.523	0.347	0.921	1.40	0.985	0.521	0.519	0.728	N/C
Nitrate/Nitrite as N (mg/L)	0.258	0.250	ND ^u	0.0573	0.416	0.196	0.253	0.383	0.322	0.450	ND ^u	ND ^u	ND ^u	0.150	0.127	0.0683	N/C
Total Nitrogen (mg/L)	0.678	0.806	9.81	0.557	1.22	0.580	0.673	0.805	0.845	0.797	0.921	1.40	0.985	0.671	0.646	0.796	N/C
Biochemical Oxygen Demand (mg/L)	2.55 ^l	4.20 ^l	42.9	2.22 ^l	ND ^u	4.23 ^l	3.27 ^l	5.07 ^l	4.86 ^l	4.83 ^l	56.4	40.2	45.9	4.14 ^l	4.74 ^l	5.25	N/C**
Phosphorus, Total (mg/L)	0.0285	0.0192	0.261	0.0358	0.100	0.0476	0.0416	0.0522	0.0492	0.0321	0.180	0.238	0.264	0.0897	0.0703	0.118	N/C
MBAS (mg/L)	ND ^u	ND ^u	ND ^u	ND ^u	ND ^u	0.0660 ^l	ND ^u	0.0700 ^l	ND ^u	0.0870 ^l	ND ^u	0.167 ^l	ND ^u	ND ^u	ND ^u	ND ^u	N/C
Total Suspended Solids (mg/L)	6.00	5.70	46.0	4.00	45.5	10.7	7.00	4.70	2.70 ^l	97.0	20.0	38.7	35.0	3.30	4.00	8.70	N/C
Total Dissolved Solids (mg/L)	8320	7580	1380	330	144	5620	6600	2890	3280	948	1140	110	188	2570	2550	360	N/C

N/D: Analyte not detected at or above the detection limit.

CFU: Colony Forming Units

^u: Indicated that compound was analyzed for but not detected. This shall be used to indicate that the specific component was not detected. The value associated with the qualifier shall be the laboratory method detection limit.

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^l: The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J-03: the matrix spike recovery exceeded method acceptance limit.