

2023 - 2024 RIVER MONITORING REPORT

		Stream Sampling Locations					
		Sturgeon Creek	Truro Creek	Omand's Creek	La Salle River	Seine River	Bunn's Creek
Parameter	Unit	S2	S3	S4	S5	S7	S8
Temperature ¹	° C	8.5	9.6	9.9	12.1	10.6	12.0
Dissolved Oxygen ¹	mg/L	7.82	6.11	2.61	8.60	8.49	7.04
pH ¹	units	8.42	8.50	7.73	7.69	8.23	8.44
Ammonia	mg/L N	0.077	0.015	<0.003	0.049	0.072	<0.003
Biochemical Oxygen Demand	mg/L	<3	<3	5	<3	4	5
Nitrate+Nitrite	mg/L	1.90	0.024	0.018	1.48	0.600	0.143
Total Suspended Solids	mg/L	20.7	3.7	4.0	61.5	40.0	40.4
Total Kjeldahl Nitrogen ³	mg/L	0.5	0.2	0.3	0.4	0.4	0.5
Total Nitrogen	mg/L N	2.36	0.24	0.33	1.91	1.04	0.61
Total Phosphorus	mg/L P	0.5381	0.0621	0.1771	0.5856	0.2824	0.2428
Escherichia Coliform ²	MPN/100 mL	1,610	260	190	110	860	500
Survey Date: Saturday, May 25, 2024		Time: 1:45 PM		2:45 PM	3:05 PM	12:10 PM	4:35 PM
				5:10 PM			

Notes:

CSO = Combined Sewer Overflow

MPN = Most Probable Number

1) Field analysed parameter

2) Analysed by contract laboratory

3) Calculated by laboratory

< VALUE Less than minimum detection

> VALUE Greater than maximum detection

2023 - 2024 RIVER MONITORING REPORT

		Stream Sampling Locations					
		Sturgeon Creek	Truro Creek	Omand's Creek	La Salle River	Seine River	Bunn's Creek
Parameter	Unit	S2	S3	S4	S5	S7	S8
Temperature ¹	° C	10.5	10.4	10.5	11.3	11.9	12.7
Dissolved Oxygen ¹	mg/L	9.35	7.46	2.36	8.90	8.85	9.31
pH ¹	units	8.15	8.09	7.80	7.68	8.28	8.39
Ammonia	mg/L N	0.024	<0.003	<0.003	0.185	0.058	0.077
Biochemical Oxygen Demand	mg/L	<3	<3	>40	<3	<3	3
Nitrate+Nitrite	mg/L	2.19	0.475	0.028	3.96	1.83	0.399
Total Suspended Solids	mg/L	36.5	3.6	3.3	157.0	46.0	24.0
Total Kjeldahl Nitrogen ³	mg/L	0.6	0.3	0.2	0.9	0.6	0.6
Total Nitrogen	mg/L N	2.81	0.80	<0.20	4.89	2.46	1.03
Total Phosphorus	mg/L P	0.5667	0.0460	0.1315	0.5620	0.1773	0.2271
Escherichia Coliform ²	MPN/100 mL	260	190	50	150	2,490	260
Survey Date: Sunday, May 26, 2024		Time: 9:50 AM		10:30 AM	10:45 AM	8:50 AM	11:35 AM
							12:15 PM

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		Stream Sampling Locations					
		Sturgeon Creek	Truro Creek	Omand's Creek	La Salle River	Seine River	Bunn's Creek
Parameter	Unit	S2	S3	S4	S5	S7	S8
Temperature ¹	° C	13.6	14.2	14.4	16.0	13.9	14.6
Dissolved Oxygen ¹	mg/L	6.67	6.03	1.37	5.93	6.86	7.05
pH ¹	units	7.29	7.10	8.65	6.57	7.06	7.85
Ammonia	mg/L N	0.066	0.010	<0.003	0.220	0.025	0.024
Biochemical Oxygen Demand	mg/L	<3	6	13	<3	13	4
Nitrate+Nitrite	mg/L	1.83	2.29	<0.004	3.21	1.98	0.519
Total Suspended Solids	mg/L	34.5	<3.0	<3.0	130.0	15.7	12.0
Total Kjeldahl Nitrogen ³	mg/L	2.1	1.6	0.8	2.0	1.1	1.1
Total Nitrogen	mg/L N	3.96	3.90	0.84	5.17	3.12	1.61
Total Phosphorus	mg/L P	0.8493	0.0500	0.1355	0.4606	0.1988	0.2180
Escherichia Coliform ²	MPN/100 mL	210	20	80	110	3,450	340
Survey Date: <i>Monday, May 27, 2024</i>		Time: <i>9:40 AM</i>		<i>10:15 AM</i>	<i>10:30 AM</i>	<i>8:15 AM</i>	<i>11:30 AM</i>
							<i>11:55 AM</i>

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