

Township of  
Langley



Est. 1873

# 2021 Annual Parks Water Quality Report



September 2022

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## 1.0 Executive Summary

The Township of Langley has two parks, Williams and Brown, that are serviced by dedicated wells and a water distribution system. Each Park is an isolated system and is not connected to the Township of Langley's municipal water system. The water from these wells is tested in compliance with the BC Drinking Water Protection Regulations (DWPR) and the Guidelines for Drinking Water Quality (GCDWQ) to ensure that clean and potable water is delivered to park visitors.

Source water quality from Williams and Brown Parks met regulatory requirements in 2021. Water from these wells is tested weekly for colour, conductivity, E. coli, heterotrophic plate count, total coliforms, turbidity, temperature, and pH. Williams and Brown Park wells are also tested on a semi-annual basis for arsenic and other metals.

The Township of Langley also tests the Ponder Park private well on a quarterly basis. The well provides water to the park caretaker residence and to the Harry Irving picnic shelter for sanitation purposes. This well does not provide public drinking water and is not classified as a public water system by the Fraser Health authority.

There were no confirmed positive E. coli test results from any of the Township Park water sources. There were three (3) samples that were positive for Total Coliforms. The positive samples were communicated to Fraser Health and the Township flushed and resampled until two consecutive negative samples for the presence of Total Coliforms were received, in compliance with the Township's Water Emergency Response Plan.

The BC DWPR (Section 11) requires monitoring of water quality from all public drinking sources as well as an annual report on water quality that must be available to the public. Copies of this report are available at [tol.ca](http://tol.ca) as well as at Civic Facility, 20338 - 65 Avenue, Langley, British Columbia.





## 2.0 Introduction

The Township of Langley has two (2) parks, Williams and Brown, that are serviced by their own dedicated wells and public water distribution system. These wells are tested on a regular basis to ensure that clean and potable water is delivered to park visitors.

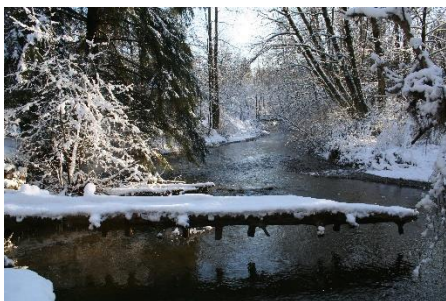
The Township of Langley also has a private well at Ponder Park that is tested on a quarterly basis to ensure good water quality for the park caretaker. This well is not utilized as a public drinking source.

The BC Drinking Water Protection Regulation (DWPR) (Section 11) requires all water suppliers to produce and make public an annual water quality report. This report provides an overview of the water system in the three Township Parks and documents the test results of the well water quality monitoring program.

## 3.0 System Description

Township of Langley's Williams and Brown Parks have water service provided by their own dedicated wells and water distribution systems. These parks function as their own water system with no interconnects to the Township of Langley municipal water distribution system.

Williams Park and Brown Park are in the center of the Township of Langley in an area called Salmon River Uplands. Williams Park is 36.5 acres bounded to the east by 238 Street and to the south by 64 Avenue. Brown Park is located off 240 Street, south of 51 Avenue and is 12.9 acres in size. Ponder Park is located at the west end of 76 Ave at 25199 76 Ave. The 80 acres park is surrounded by private properties. Park locations are show in Figure 3.0.1.



Williams Park receives potable water from one well which supplies water to restrooms, drinking fountains, and a caretaker residence within the park. The treatment system for Williams Park includes a greensand filter, a filter to remove arsenic, a five-micron filter and NSF UV Sterilization.

Brown Park has two wells: the shallow well in the northwest corner of the property (Well 1), and a deeper well in the southwest corner (Well 2). Well 1 is exclusively for irrigation purposes and has no treatment. Well 2 supplies drinking water to the park for restrooms, a concession, drinking fountains, and a caretaker residence. The treatment system for Brown Park (Well 2) includes a water softener, a sediment filter, and NSF UV Sterilization.

Ponder Park well supplies water to the caretaker and to the Harry Irving Shelter only. The water in the shelter is for sanitation purposes only and signs posted at the park picnic tables indicate the water is non-potable. Ponder Park well is not used by the public for potable water is therefore considered a private water system and not treated or filtered.

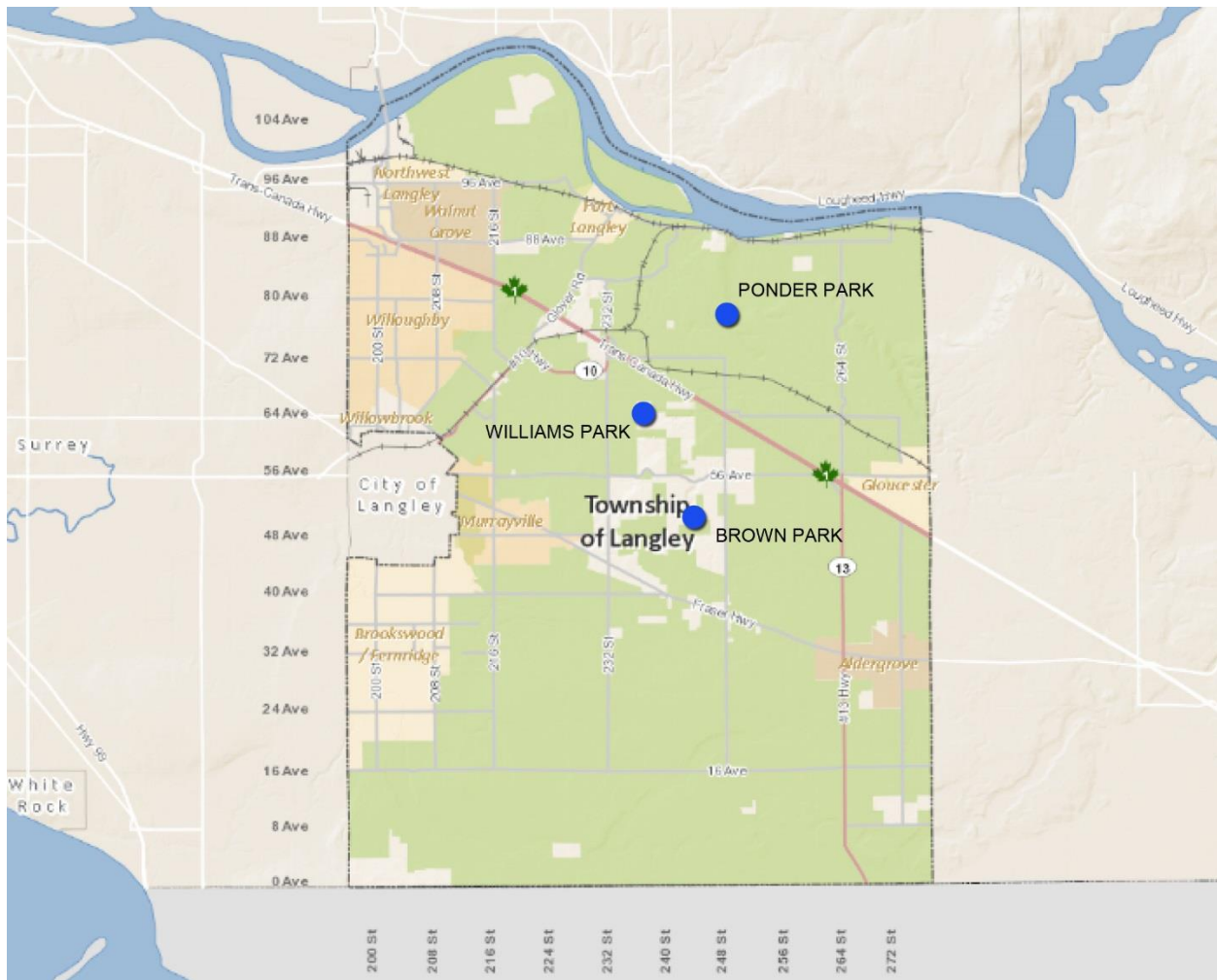


Figure 3.0.1 Location of Brown, Ponder and Williams Parks

Well depths and rated capacities are shown below in Table 3.0.1.

**Table 3.0.1 Municipal Well Data**

Well Name	Well Tag Number	Year Drilled	Rated Capacity (l/s)	Depth (m)
Williams Park Well	41893	1979	0.95	55
Brown Park Well 1	49289	1981	1.58	19
Brown Park Well 2	104834	2007	1.89	68
Ponder Park Well	50754	1982	0.63	67

(Source: maps.gov.bc.ca, Retrieved May 2018)



### **3.1 Staff Training and Operation Level**

The Environmental Operators Certification Program (EOCP) has not yet rated the water systems in Williams and Brown Parks. Ponder Park is not classified as a public water system by the Fraser Health Authority and is also not rated by the EOCP.

Water quality sampling in Township Parks is undertaken by Utilities Operations staff, and the operation and maintenance is overseen by a Water Systems Operator IV.

### **3.2 System Inspection and Maintenance**

The Township maintains the Williams and Brown Park water systems by servicing the treatment systems bi-annually, replacing the UV bulbs annually, and adding salt to the softener as necessary. Water samples from these parks are collected weekly. These two systems are also inspected annually by the Fraser Health Authority.

The Ponder Park well is classified as a private system and is not inspected by Fraser Health Authority.

### **3.3 Emergency Response and Contingency Plan**

In the event of a positive test for contaminated water, or in the case of field evidence indicating that the water quality from a park system may be compromised, the Township stops usage of water from the contaminated source and advises Fraser Health Authority of the situation. “Non-potable” signage will be posted on all taps in the parks. All necessary steps are taken by staff to determine the cause and to rectify the problem. It is the responsibility of the Township to notify the public if an advisory is issued and the Medical Health Officer (MHO) determines when an advisory can be lifted.

#### 4.0 Water Sampling and Testing Program

The Township utilizes a regular sampling and testing program to maintain delivery of safe, high quality drinking water to its park visitors. Weekly testing is performed at Williams and Brown Parks. The private well at Ponder Park is tested on a quarterly basis only. The sampling and well locations are shown as a blue dot in figures 4.0.1, 4.0.2, and 4.0.3.

Water sampling and testing, as described in Table 4.0.1, meets regulatory requirements as set by the GCDWQ.

**Table 4.0.1 Water Sampling and Testing Schedule**

Parameter	Testing Frequency Williams & Brown Parks	Testing Frequency Ponder Park
E.coli, Total Coliforms, HPC	Weekly	Quarterly
Free Chlorine		
Turbidity		
pH, Temperature, Colour, Conductivity		
Arsenic	Semi-annually	n/a
Chemical Analysis		



**Salmon River Uplands barn and field**



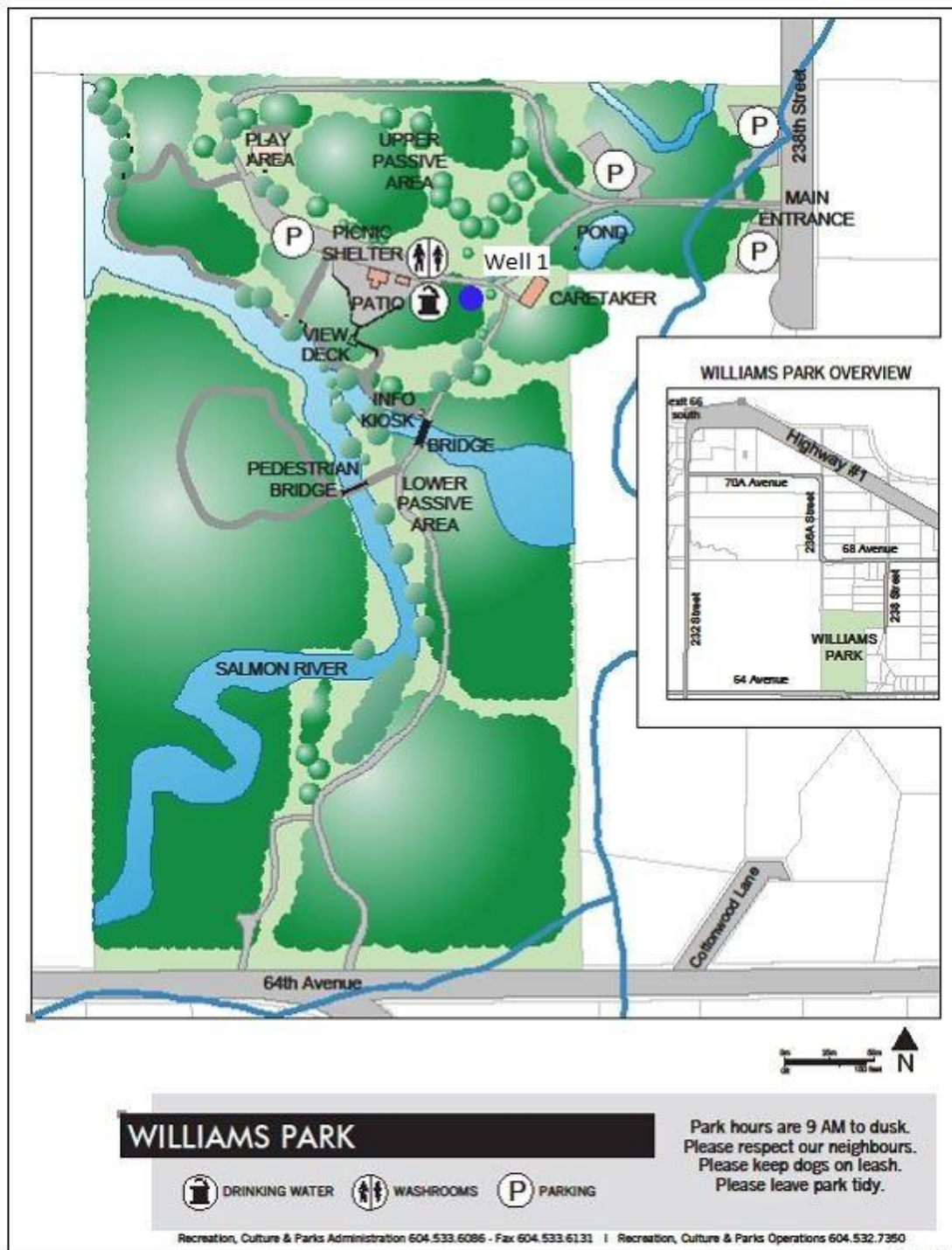


Figure 4.0.1 Williams Park Weekly Water Sampling Site Location





Figure 4.0.2 Brown Park Weekly Water Sampling Site Location

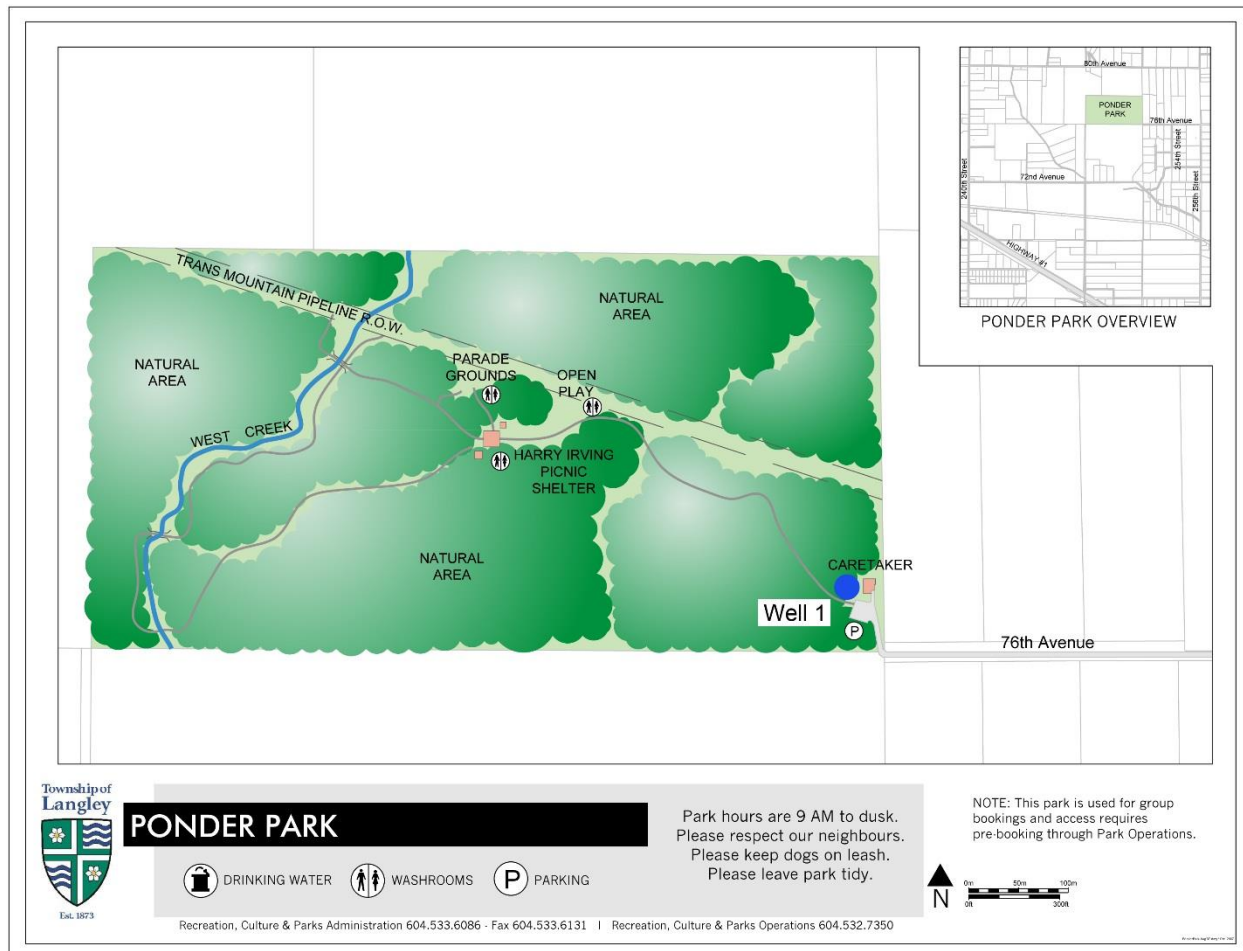


Figure 4.0.3 Ponder Park Quarterly Water Sampling Site Location



**Brown Park Field**

The wells in Brown Park and Williams Park supply water for a caretaker, drinking fountains in the picnic area, and for irrigation purposes. Fewer than 5,000 people are served by the water supply in these parks yearly. Based on the yearly volume the number of samples required is four (4) per month as per the BC DWPR Schedule B and the Township meets this guideline. Water sampling and testing for E. coli and total coliform bacteria, as described in Table 4.0.3, meets regulatory requirements as set by the GCDWQ.

The well at Ponder Park supplies potable water to the park caretaker. The park also supplies water to the Harry Irving picnic shelter but for sanitation purposes only. Ponder Park is not classified as a public water system by the Fraser Health authority and is therefore not required to meet BC DWPR Schedule B.



**Table 4.0.3 Schedule A of the B.C. Drinking Water Protection Regulation**

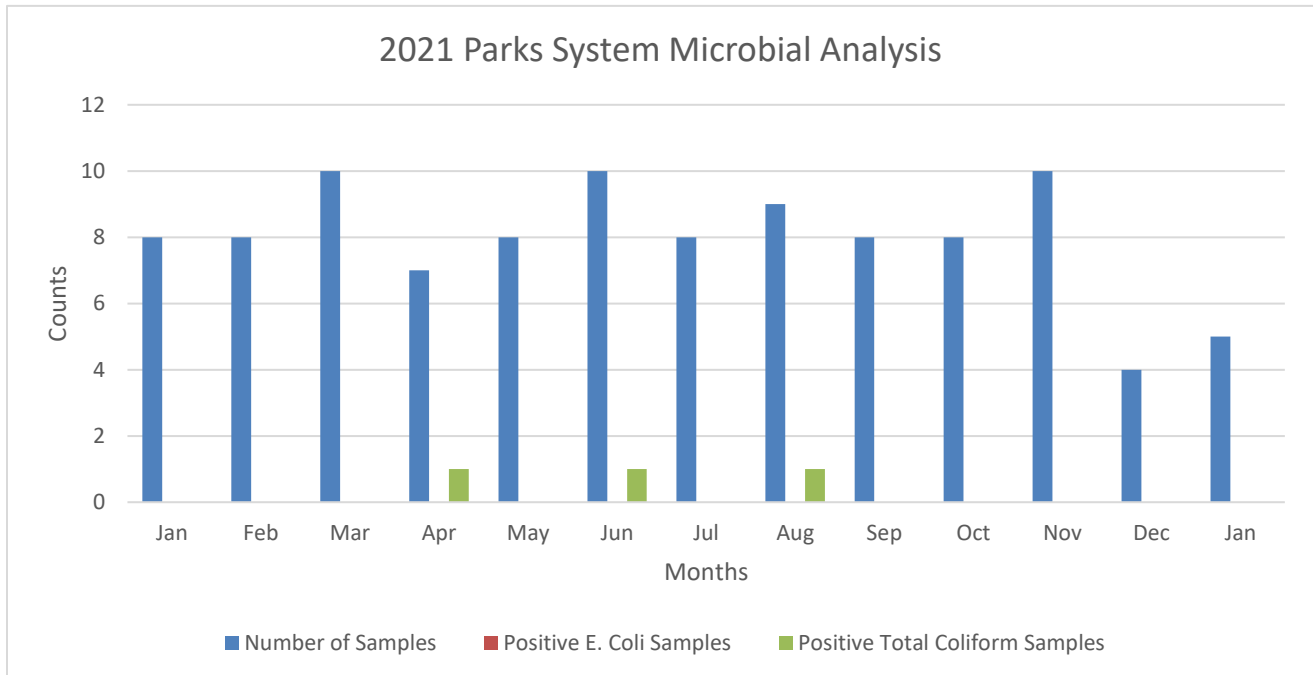
<b>Schedule A</b>	
Water Quality Standards for Potable Water	
<b>Parameter:</b>	<b>Standard:</b>
Fecal coliform bacteria	No detectable fecal coliform bacteria per 100 ml
Escherichia coli	No detectable Escherichia coli per 100 ml
Total coliform bacteria:	
(a) 1 sample in a 30-day period	No detectable total coliform bacteria per 100 ml
(b) more than 1 sample in a 30-day period	At least 90% of samples have no detectable total coliform bacteria per 100 ml and no sample has more than 10 total coliform bacteria per 100 ml

**Table 4.0.4 Schedule B of the B.C. Drinking Water Protection Regulation**

<b>Schedule B</b>	
Frequency of Monitoring Samples for Prescribed Water Supply Systems	
<b>Population Served by the Prescribed Water Supply System:</b>	<b>Number of Samples Per Month:</b>
less than 5,000	4
5,000 to 90,000	1 per 1,000 of population
more than 90,000	90 plus 1 per 10,000 of population in excess of 90,000

#### 4.1 Microbial Results for 2021

The Maximum Allowable Concentration (MAC) for E. coli and Total Coliforms is none detectable per 100ml sample taken. In 2021 none of samples tested were positive for E. coli and only three (3) were positive for Total Coliform. These results can be seen in Figure 4.1.1.



**Figure 4.1.1 Number of Samples per Month for 2021 Total Coliform Bacteria and E. coli Tests**

Appendix A shows results for the 2021 analysis of the source water. There was one (1) positive total coliform sample at Brown Park Well 2 on April 20, 2021. There were two (2) positive total coliform samples at Ponder Park on June 16 and August 25, 2021. After each positive Total Coliform sample, the Township flushed and resampled until two consecutive negative samples for the presence of Total Coliform were received.

#### 5.0 Conclusion

The 2021 water quality monitoring results indicate that the Township of Langley Parks water is potable and safe for consumption. Operators continue to seek improvements to the water supply and distribution at the Township of Langley Parks.

Township of  
Langley



Est. 1873

# Annual Parks Water Quality Report 2021

## Appendix A: Source Water Test Results



Table A1: Weekly Source Testing

Sampling Point	Collection Date	Chlorine (mg/L)	Colour	Conductivity (uS/cm)	E. coli (CFU/100ml)	HPC (CFU/ml)	pH	Temperature (°C)	Turbidity (NTU)	Total Coliforms (CFU/100ml)
Brown Park	01/05/2021		< 5.0		< 1	< 1	7.92**	10.5	0.38	< 1
Brown Park	01/12/2021	SC	< 5.0		< 1	< 1	8.14**	15.0	0.16	< 1
Brown Park	01/19/2021		< 5.0		< 1	< 1	7.68**	10.5	0.36	< 1
Brown Park	01/26/2021		< 5.0		< 1	< 1	7.99**	10.9	0.30	< 1
Brown Park	02/02/2021		< 5.0	250	0	< 1.0	7.28**	12.0	0.48	0
Brown Park	02/09/2021		< 5.0		0	< 1.0	8.14**	11.5	0.28	0
Brown Park	02/16/2021		< 5.0	173.7	0	< 1.0	7.64**	8.5	0.38	0
Brown Park	02/23/2021		< 5.0	239	0	2.0	7.17**	11.0	0.28	0
Brown Park	03/02/2021		< 5.0	254.0	0	1.0	7.09**	15.6	0.22	0
Brown Park	03/09/2021		< 5.0	170.0	0	< 1.0	8.14**	11.0	0.31	0
Brown Park	03/16/2021		< 5.0	210	0	1.0	7.22**	14.5	0.44	0
Brown Park	03/23/2021		< 5.0	269	0	< 1.0	7.16**	11.0	0.77	0
Brown Park	03/30/2021		< 5.0	269	0	1.0	7.14**	11.9	0.40	0
Brown Park	04/06/2021		< 5.0	167.5	0	< 1.0	8.30**	14.4	0.26	0
Brown Park	04/13/2021		< 5.0	236	0	< 1.0	7.14**	12.2	0.46	0
Brown Park	04/20/2021		5.6	15.2	0	< 1.0	8.06**	13.5	0.51	1.0
Brown Park	04/27/2021		< 5.0	247	0	< 1.0	7.47**	13.5	0.13	0
Brown Park	05/04/2021	0.00	< 5.0	166.1	0	< 1.0	8.02**	14.3	0.17	0
Brown Park	05/11/2021		< 5.0	230	0	< 1.0	7.14**	15.9	0.34	0
Brown Park	05/18/2021		< 5.0	268	0	1.0	7.08**	13.7	0.40	0
Brown Park	05/25/2021		< 5.0	156	0	< 1.0	7.87**	15.5	0.28	0
Brown Park	06/01/2021	0.06	< 5.0	253	0	< 1.0	7.02**	16.1	0.24	0
Brown Park	06/08/2021		< 5.0	233	0	< 1.0	7.12**	14.9	0.25	0
Brown Park	06/15/2021		< 5.0	164	0	< 1.0	7.99**	15.0	0.54	0
Brown Park	06/22/2021	0.05	< 5.0	252	0	< 1.0	7.12**	16.8	0.25	0
Brown Park	06/29/2021	0	< 5.0	100.5	0	< 1.0	6.76**	17.0	0.25	0
Brown Park	07/06/2021		< 5.0	165	0	< 1.0	7.90**	17.1	0.31	0
Brown Park	07/13/2021	0	< 5.0	171.8	0	1.0	7.91**	16.5	0.26	0
Brown Park	07/20/2021		< 5.0	252.0	0	1.0	7.16**	23.0	0.36	0
Brown Park	07/27/2021	0	< 5.0	250	0	< 1.0	7.36**	18.0	0.82	0
Brown Park	08/03/2021		< 5.0	240	0	< 1.0	7.09**	18.5	0.68	0
Brown Park	08/10/2021	0	< 5.0	154.9	0	< 1.0	8.04**	18.2	0.33	0
Brown Park	08/17/2021	0	< 5.0	165.5	0	< 1.0	7.95**	15.0	0.90	0
Brown Park	08/24/2021	0	< 5.0	161.9	0	2.0	8.03**	18.7	0.25	0
Brown Park	09/07/2021	0	< 5.0	251	0	< 1.0	7.26**	19.5	0.28	0
Brown Park	09/14/2021		< 5.0	247	0	< 1.0	7.20**	16.1	0.32	0
Brown Park	09/16/2021		< 5.0						0.27	
Brown Park	09/21/2021		< 5.0	169.5	0	< 1.0	8.20**	15.3	0.19	0
Brown Park	09/28/2021		< 5.0	236	0	< 1.0	7.78**	15	0.39	0

Sampling Point	Collection Date	Chlorine (mg/L)	Colour	Conductivity (uS/cm)	E. coli (CFU/100ml)	HPC (CFU/ml)	pH	Temperature (°C)	Turbidity (NTU)	Total Coliforms (CFU/100ml)
Brown Park	10/05/2021	0	< 5.0	167.5	0	< 1.0	8.28**	13.2	0.26	0
Brown Park	10/12/2021		< 5.0	255	0	< 1.0	7.52**	11.5	0.51	0
Brown Park	10/19/2021		< 5.0	176	0	< 1.0	8.27**	15.4	0.55	0
Brown Park	10/26/2021		< 5.0	165.8	0	1.0	8.06**	13.9	0.76	0
Brown Park	11/02/2021	0		167.8	0	< 1.0	8.27	15.5	0.25	0
Brown Park	11/09/2021		< 5.0	259	0	1.0	7.39**	12.4	0.57	0
Brown Park	11/16/2021		< 5.0	165	0	< 1.0	7.88**	12.6	0.38	0
Brown Park	11/23/2021		< 5.0	162.9	0	1.0	7.86**	14.7	0.31	0
Brown Park	11/30/2021		< 5.0	165.6	0	< 1.0	7.98**	13.4	0.41	0
Brown Park	12/14/2021		< 5.0	163.8	0	< 1.0	8.06**	10.4	0.30	0
Brown Park	12/21/2021		< 5.0	155	0	< 1.0	7.86**	10.4	0.41	0
Brown Park	01/04/2022	0.06	32.4		0	< 1.0	8.23	11.3	0.60	0
Brown Park	01/11/2022		< 5.0	79.1	0	20	8.02**	15.0	0.66	0
Brown Park	01/12/2022		< 5.0				8.14		1.3	
Ponder Park	06/16/2021				0	6.0				1.0
Ponder Park	08/25/2021				0					8.0
Ponder Park	08/30/2021				0					0
Ponder Park	01/12/2022				0					0
Williams Park	01/05/2021		< 5.0		< 1	1	6.71**	12.0	0.19	< 1
Williams Park	01/12/2021		< 5.0		< 1	3	6.38**	15.6	< 0.10	< 1
Williams Park	01/19/2021		< 5.0		< 1	< 1	6.47**	10.5	< 0.10	< 1
Williams Park	01/26/2021		< 5.0		< 1	< 1	6.73**	10.8	< 0.10	< 1
Williams Park	02/02/2021		< 5.0	155	0	< 1.0	7.58**	13.0	0.15	0
Williams Park	02/09/2021		< 5.0		0	< 1.0	7.03**	9.2	< 0.10	0
Williams Park	02/16/2021		< 5.0	270	0	< 1.0	6.22**	9.5	0.10	0
Williams Park	02/23/2021		< 5.0	155	0	< 1.0	8.01**	12.5	< 0.10	0
Williams Park	03/02/2021		< 5.0	166.9	0	< 1.0	7.46**	14.5	0.16	0
Williams Park	03/09/2021		< 5.0	256.0	0	< 1.0	6.72**	12.3	0.13	0
Williams Park	03/16/2021		< 5.0	152	0	< 1.0	7.50**	14.0	0.15	0
Williams Park	03/23/2021		< 5.0	135	0	< 1.0	7.34**	10.0	0.17	0
Williams Park	03/30/2021		< 5.0	1,718	0	< 1.0	7.26**	14.4	0.15	0
Williams Park	04/06/2021		< 5.0	251.0	0	< 1.0	6.44**	14.5	0.10	0
Williams Park	04/13/2021		< 5.0	154.3	0	< 1.0	7.40**	12.5	< 0.10	0
Williams Park	04/20/2021		< 5.0	173.5	0	< 1.0	6.43**	14.5	< 0.10	0
Williams Park	04/27/2021		< 5.0	160.9	0	< 1.0	7.16**	13.5	0.29	0
Williams Park	05/04/2021		< 5.0	25.9	0	1.0	6.60**	25.8	< 0.10	0
Williams Park	05/11/2021		< 5.0	155	0	< 1.0	7.24**	15.5	0.13	0
Williams Park	05/18/2021		< 5.0	173.1	0	< 1.0	7.11**	15.8	< 0.10	0
Williams Park	05/25/2021		< 5.0	235	0	< 1.0	6.72**	16.0	< 0.10	0
Williams Park	06/01/2021		< 5.0	103.2	0	< 1.0	7.31**	21.3	0.14	0

Sampling Point	Collection Date	Chlorine (mg/L)	Colour	Conductivity (uS/cm)	E. coli (CFU/100ml)	HPC (CFU/ml)	pH	Temperature (°C)	Turbidity (NTU)	Total Coliforms (CFU/100ml)
Williams Park	06/08/2021		< 5.0	174	0	< 1.0	7.23**	14.7	< 0.10	0
Williams Park	06/15/2021		< 5.0	254	0	< 1.0	6.31**	15.5	0.10	0
Williams Park	06/22/2021		< 5.0	165.0	0	< 1.0	7.30**	19.5	0.24	0
Williams Park	06/29/2021		< 5.0	250.0	0	3.0	6.46**	23.4	0.11	0
Williams Park	07/06/2021		< 5.0	264	0	< 1.0	6.34**	15.3	0.11	0
Williams Park	07/13/2021		< 5.0	262	0	< 1.0	7.15**	16.8	< 0.10	0
Williams Park	07/20/2021		< 5.0	165.3	0	< 1.0	7.34**	21.7	0.14	0
Williams Park	07/27/2021		< 5.0	165	0	< 1.0	7.32**	19.5	< 0.10	0
Williams Park	08/03/2021		< 5.0	165	0	< 1.0	7.46**	19.5	< 0.10	0
Williams Park	08/10/2021		< 5.0	247	0	< 1.0	6.80**	16.8	0.18	0
Williams Park	08/17/2021		< 5.0	253	0	< 1.0	6.50**	17.5	0.18	0
Williams Park	08/24/2021		< 5.0	262.0	0	4.0	6.90**	32.1	< 0.10	0
Williams Park	09/07/2021		< 5.0	161	0	< 1.0	7.45**	17.7	< 0.10	0
Williams Park	09/14/2021		< 5.0	164.5	0	< 1.0	7.09**	16.7	< 0.10	0
Williams Park	09/16/2021		< 5.0						< 0.10	
Williams Park	09/21/2021		< 5.0	267	0	< 1.0	7.22**	15.3	< 0.10	0
Williams Park	09/28/2021		24.6	160	0	< 1.0	7.32**	17	0.37	0
Williams Park	10/05/2021		< 5.0	251	0	< 1.0	7.32**	17.2	0.12	0
Williams Park	10/12/2021		< 5.0	162	0	< 1.0	7.60**	13.5	< 0.10	0
Williams Park	10/19/2021		7.3	261	0	< 1.0	6.90**	12.0	0.76	0
Williams Park	10/26/2021		< 5.0	259	0	< 1.0	6.64**	13.5	0.15	0
Williams Park	11/02/2021			259	0	< 1.0	7.48	16.1	0.15	0
Williams Park	11/09/2021		< 5.0	173	0	< 1.0	7.20**	11.4	< 0.10	0
Williams Park	11/16/2021		< 5.0	258	0	< 1.0	6.38**	13.9	0.12	0
Williams Park	11/23/2021		< 5.0	255	0	2.0	7.10**	18.6	0.15	0
Williams Park	11/30/2021		5.9	259	0	< 1.0	6.80**	13.8	0.21	0
Williams Park	12/14/2021		< 5.0	246	0	< 1.0	6.42**	10.9	0.16	0
Williams Park	12/21/2021		< 5.0	236	0	1.0	6.42**	10.0	0.14	0
Williams Park	01/04/2022		< 5.0		0	< 1.0	6.81	11.8	0.25	0
Williams Park	01/11/2022		< 5.0	127.2	0	8.0	6.42**	14.7	0.13	0
Williams Park	01/12/2022		5.3				8.34		0.15	



Table A2: Semi Annual Source Testing

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
<b>Collection Date</b>		09/16/2021	01/12/2022	09/16/2021	01/12/2022	01/19/2022
<b>1,1,1,2-Tetrachloroethane (volatile dissolved)</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,1,1-Trichloroethane</b>	mg/L			< 0.00050	< 0.00050	
<b>1,1,1-Trichloroethane</b>	mg/L	< 0.00050	< 0.00050			
<b>1,1,2,2-Tetrachloroethane</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,1,2-Trichloroethane</b>	mg/L			< 0.00050	< 0.00050	
<b>1,1,2-Trichloroethane</b>	mg/L	< 0.00050	< 0.00050			
<b>1,1-Dichloroethane</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,1-Dichloroethylene</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,2,3-Trichlorobenzene</b>	ug/L	< 2.0	< 2.0	< 2.0	< 2.0	
<b>1,2,4-Trichlorobenzene</b>	ug/L	< 2.0	< 2.0	< 2.0	< 2.0	
<b>1,2-Dichlorobenzene</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,2-Dichloroethane</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,2-Dichloropropane</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,3,5-Trimethylbenzene</b>	ug/L	< 2.0	< 2.0	< 2.0	< 2.0	
<b>1,3-Butadiene</b>	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
<b>1,3-Dichlorobenzene</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1,3-Dichloropropane</b>	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	
<b>1,4-Dichlorobenzene</b>	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
<b>1-Methylnaphthalene</b>	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
<b>2,3,4,5-Tetrachlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,3,4,6-Tetrachlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,3,4-Trichlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,3,5,6-Tetrachlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,3,5-Trichlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,3,6-Trichlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,3-Dichlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,4 + 2,5-Dichlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,4,5-Trichlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,4,6-Trichlorophenol</b>	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
<b>2,4'-DDD (o,p-DDD)</b>	ug/L	< 0.010		< 0.010		

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
2,4'-DDE (o,p-DDE)	ug/L	< 0.010		< 0.010		
2,4-Dimethylphenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
2,4-Dinitrophenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
2,6-Dichlorophenol	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
2,6-Dimethylphenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
2-Chlorophenol	ug/L	< 0.050	< 0.050	< 0.050	< 0.050	
2-hydroxyphenol (Catechol)	ug/L	< 20	< 20	< 20	< 20	
2-methyl-4-chlorophenoxyacetic acid / MCPA	ug/L	< 0.020	< 0.020	< 0.020	< 0.020	
2-Methylnaphthalene	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	
2-Methylphenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
2-Nitrophenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
3 and 4-Chlorophenol	ug/L	< 0.075	< 0.075	< 0.075	< 0.075	
3,4,5-Trichlorophenol	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
3,4-Dichlorophenol	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
3,4-Dimethylphenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
3,4-Methylphenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
3,5-Dichlorophenol	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
4,4'-DDE (pp-DDE)	ug/L	< 0.010		< 0.010		
4,4'-DDT (pp-DDT)	ug/L	< 0.010		< 0.010		
4,6-Dinitro-o-cresol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
4-Nitrophenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
Acenaphthene	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Acenaphthylene	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Acridine	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Alachlor	ug/L	< 0.050		< 0.050		
Aldrin	ug/L	< 0.020		< 0.020		
Alkalinity (phenolphthalein, as CaCO3)	mg/L	< 1.0	< 1.0	< 1.0	< 1.0	
Alkalinity (total, as CaCO3)	mg/L	86	83	9.7	84	
alpha-BHC	ug/L	< 0.050		< 0.050		
Aluminum (dissolved)	mg/L	< 0.0030	< 0.0030	< 0.0030		
Aluminum (total)	mg/L	0.0031	0.0039	< 0.0030		< 0.0030
Ammonia (total, as N)	mg/L	< 0.015	< 0.015	< 0.015	< 0.015	
Anthracene	mg/L	< 0.000010	< 0.000010	< 0.000010	< 0.000010	
Antimony (dissolved)	mg/L	< 0.00050	< 0.00050	< 0.00050		

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Antimony (total)	mg/L	< 0.00050	< 0.00050	< 0.00050		< 0.00050
Arsenic (dissolved)	mg/L	0.00186	0.00170	0.00012		
Arsenic (total)	mg/L	0.00187	0.00179	0.00010		0.00013
Aspon	ug/L	< 0.050		< 0.050		
Atrazine	ug/L	< 0.050		< 0.050		
Atrazine-desethyl (DEA)	ug/L	< 0.050		< 0.050		
Azinphos-ethyl	ug/L	< 0.20		< 0.20		
Barium (dissolved)	mg/L	< 0.0010	< 0.0010	< 0.0010		
Barium (total)	mg/L	< 0.0010	< 0.0010	< 0.0010		< 0.0010
Benfluralin	ug/L	< 0.050		< 0.050		
Benzene	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	
Benzo(a)anthracene	mg/L	< 0.000010	< 0.000010	< 0.000010	< 0.000010	
Benzo(a)pyrene	mg/L	< 0.0000050	< 0.0000050	< 0.0000050	< 0.0000050	
Benzo(b,j)fluoranthene	mg/L	< 0.000030	< 0.000030	< 0.000030	< 0.000030	
Benzo(g,h,i)perylene	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Benzo(k)fluoranthene	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Beryllium (dissolved)	mg/L	< 0.00010	< 0.00010	< 0.00010		
Beryllium (total)	mg/L	< 0.00010	< 0.00010	< 0.00010		< 0.00010
beta-BHC	ug/L	< 0.050		< 0.050		
Bicarbonate (as HCO <sub>3</sub> )	mg/L	100	100	12	100	
Bismuth (dissolved)	mg/L	< 0.0010	< 0.0010	< 0.0010		
Bismuth (total)	mg/L	< 0.0010	< 0.0010	< 0.0010		< 0.0010
Boron (dissolved)	mg/L	< 0.05	< 0.05	0.094		
Boron (total)	mg/L	< 0.05	< 0.05	0.088**		0.09
Bromacil	ug/L	< 0.050		< 0.050		
Bromobenzene	ug/L	< 2.0	< 2.0	< 2.0	< 2.0	
Bromodichloromethane (dichlorobromomethane)	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
Bromoform	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
Bromophos	ug/L	< 0.050		< 0.050		
Bromophos-ethyl	ug/L	< 0.050		< 0.050		
Butylate	ug/L	< 0.050		< 0.050		
Cadmium (dissolved)	mg/L	0.000014	< 0.000010	< 0.000010		
Cadmium (total)	mg/L	< 0.000010	< 0.000010	< 0.000010		< 0.000010
Calcium (dissolved)	mg/L	< 0.050	< 0.050	< 0.050		

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Calcium (total)	mg/L	< 0.050	< 0.050	< 0.050		< 0.050
Captan	ug/L	< 0.10		< 0.10		
Carbon tetrachloride	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
Carbonate (as CO3)	mg/L	< 1.0	< 1.0	< 1.0	< 1.0	
Carbophenothion - solids (dry weight)	ug/L	< 0.30		< 0.30		
Chlorate	mg/L	< 0.10	< 0.10	< 0.10	0.34	
Chlorbenside	ug/L	< 0.050		< 0.050		
Chlorfenson	ug/L	< 0.050		< 0.050		
Chlorfenvinphos	ug/L	< 0.050		< 0.050		
Chloride	mg/L	3.6	3.4	77	4.2	
Chlorine (free)	mg/L					
Chlorite	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	
Chlormephos	ug/L	< 0.050		< 0.050		
Chlorobenzene	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
Chloroethane	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
Chloroform	mg/L	< 0.0010	< 0.0010	0.0013	< 0.0010	
Chlorophenols (total)	ug/L	< 0.41	< 0.41	< 0.41	< 0.41	
Chloropropham	ug/L	< 0.050		< 0.050		
Chlorothalonil	ug/L	< 0.050		< 0.050		
Chlorpyrifos	ug/L	< 0.010		< 0.010		
Chlorpyrifos-methyl	ug/L	< 0.050		< 0.050		
Chlorthiophos	ug/L	< 0.050		< 0.050		
Chromium (dissolved)	mg/L	< 0.0010	< 0.0010	< 0.0010		
Chromium (total)	mg/L	< 0.0010	< 0.0010	< 0.0010		< 0.0010
Chrysene	mg/L	< 0.000020	< 0.000020	< 0.000020	< 0.000020	
cis-1,2-Dichloroethylene	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
cis-1,3-Dichloropropene	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
Cobalt (dissolved)	mg/L	< 0.00020	< 0.00020	< 0.00020		
Cobalt (total)	mg/L	< 0.00020	< 0.00020	< 0.00020		< 0.00020
Colour	TCU	< 5.0	< 5.0	< 5.0	5.3	
Conductivity	uS/cm					
Copper (dissolved)	mg/L	< 0.00020	< 0.00020	0.00125		
Copper (total)	mg/L	< 0.00050	0.00282	0.00232**		0.00690
Cyanazine	ug/L	< 0.050		< 0.050		
Cyanide (total)	mg/L	< 0.00050	< 0.00050	< 0.00050	0.00090	
Cyanophos	ug/L	< 0.050		< 0.050		
DCPA	ug/L	< 0.050		< 0.050		
delta-BHC	ug/L	< 0.050		< 0.050		

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Demeton	ug/L	< 0.20		< 0.20		
Desmetryn	ug/L	< 0.050		< 0.050		
Diallate	ug/L	< 0.050		< 0.050		
Diazinon	ug/L	< 0.020		< 0.020		
Dibenzo(a,h)anthracene	mg/L	< 0.0000030	< 0.0000030			
Dibenzo(a,h)anthracene	mg/L			< 0.0000030	< 0.0000030	
Dibromochloromethane (Chlorodibromomethane)	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
Dichlofenthion	ug/L	< 0.050		< 0.050		
Dichlofluanid	ug/L	< 0.050		< 0.050		
Dichloran	ug/L	< 0.10		< 0.10		
Dichlorbenil	ug/L	< 0.050		< 0.050		
Dichlorodifluoromethane / Freon 12	ug/L	< 2.0	< 2.0	< 2.0	< 2.0	
Dichloromethane	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	
Dichlorophenols (total)	ug/L	< 0.22	< 0.22	< 0.22	< 0.22	
Dichlorvos and Naled	ug/L	< 0.050		< 0.050		
Diclofop-methyl	ug/L	< 0.050		< 0.050		
Dicofol	ug/L	< 0.20		< 0.20		
Dicrotophos	ug/L	< 0.20		< 0.20		
Dieldrin	ug/L	< 0.030		< 0.030		
Dimethoate	ug/L	< 0.050		< 0.050		
Dioxathion	ug/L	< 0.50		< 0.50		
Diphenylamine	ug/L	< 0.10		< 0.10		
Dissolved Organic Carbon	mg/L	0.56	< 0.50	< 0.50	< 0.50	
Disulfoton	ug/L	< 0.50		< 0.50		
Endosulfan I	ug/L	< 0.050		< 0.050		
Endosulfan II	ug/L	< 0.050		< 0.050		
Endosulfan sulfate	ug/L	< 0.050		< 0.050		
Endrin	ug/L	< 0.020		< 0.020		
Endrin aldehyde	ug/L	< 0.050		< 0.050		
Endrin ketone	ug/L	< 0.050		< 0.050		
EPN	ug/L	< 0.10		< 0.10		
EPTC (EPTAM)	ug/L	< 0.050		< 0.050		
Ethalfuralin	ug/L	< 0.050		< 0.050		
Ethion	ug/L	< 0.050		< 0.050		
Ethylbenzene	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	



Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Ethylene dibromide / EDB	ug/L	< 0.20	< 0.20	< 0.20	< 0.20	
Fenchlorphos	ug/L	< 0.050		< 0.050		
Fenitrothion	ug/L	< 0.050		< 0.050		
Fensulfothion	ug/L	< 0.050		< 0.050		
Fenthion	ug/L	< 0.050		< 0.050		
Field Conductivity	uS/cm					
Fluoranthene	mg/L	< 0.000020	< 0.000020	< 0.000020	< 0.000020	
Fluorene	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Fluoride	mg/L	0.11	0.11	< 0.050	0.13	
Folpet	ug/L	< 0.10		< 0.10		
Fonofos	ug/L	< 0.050		< 0.050		
Hardness (dissolved, as CaCO3)	mg/L	< 0.50	< 0.50	< 0.50		
Hardness (total, as CaCO3)	mg/L	< 0.50	< 0.50	< 0.50		< 0.50
Heptachlor	ug/L	< 0.050		< 0.050		
Heptachlor epoxide	ug/L	< 0.050		< 0.050		
Hexachlorobenzene	ug/L	< 0.050		< 0.050		
Hexachlorobutadiene	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
Hexazinone	ug/L	< 0.050		< 0.050		
Hydroquinone	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	
Hydroxide (as OH)	mg/L	< 1.0	< 1.0	< 1.0	< 1.0	
Indeno(1,2,3-c,d)pyrene	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	
Iodofenphos	ug/L	< 0.050		< 0.050		
Iprodione	ug/L	< 0.050		< 0.050		
Iron (dissolved)	mg/L	0.0078	0.0146	< 0.0050		
Iron (total)	mg/L	0.021	0.214	< 0.0050		< 0.01
Isofenphos	ug/L	< 0.050		< 0.050		
Isopropylbenzene	ug/L	< 2.0	< 2.0	< 2.0	< 2.0	
Lead (dissolved)	mg/L	< 0.00020	< 0.00020	0.00198		
Lead (total)	mg/L	< 0.00020	< 0.00020	0.00126**		0.00068
Lindane	ug/L	< 0.050		< 0.050		
Lithium (dissolved)	mg/L	< 0.0020	< 0.0020	< 0.0020		
Lithium (total)	mg/L	< 0.0020	< 0.0020	< 0.0020		< 0.0020
m- + p- Xylene	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	
Magnesium (dissolved)	mg/L	< 0.050	< 0.050	< 0.050		
Magnesium (total)	mg/L	< 0.050	< 0.050	< 0.050		< 0.050
Malaoxon	ug/L	< 0.10		< 0.10		

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Malathion	ug/L	< 0.050		< 0.050		
Manganese (dissolved)	mg/L	< 0.0010	< 0.0010	0.0018		
Manganese (total)	mg/L	< 0.0010	0.0013	0.0021**		0.0022
Mercury (dissolved)	mg/L	< 0.0000019	< 0.0000019	< 0.0000019		
Mercury (total)	mg/L	< 0.0000019	< 0.0000019	< 0.0000019		< 0.0000019
Metalaxyl	ug/L	< 0.050		< 0.050		
Methidathion	ug/L	< 0.050		< 0.050		
Methoxychlor	ug/L	< 0.050		< 0.050		
Methyl bromide (Bromomethane)	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	
Methyl chloride (Chloromethane)	mg/L			< 0.0010	< 0.0010	
Methyl chloride (Chloromethane)	mg/L	< 0.0010	< 0.0010			
Methyl parathion	ug/L	< 0.050		< 0.050		
Methyl tert-butyl ether / MTBE	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	
Metolachlor	ug/L	< 0.050		< 0.050		
Metribuzin	ug/L	< 0.10		< 0.10		
Mevinphos	ug/L	< 0.050		< 0.050		
Mirex	ug/L	< 0.050		< 0.050		
Molybdenum (dissolved)	mg/L	0.0019	0.0019	< 0.0010		
Molybdenum (total)	mg/L	0.0019	0.0019	< 0.0010		< 0.0010
Monochlorophenols (total)	ug/L	< 0.090	< 0.090	< 0.090	< 0.090	
Naphthalene	mg/L	< 0.00010	< 0.00010	< 0.00010	< 0.00010	
Nickel (dissolved)	mg/L	< 0.0010	< 0.0010	< 0.0010		
Nickel (total)	mg/L	< 0.0010	< 0.0010	0.0010		0.0024
Nitrate (as N)	mg/L	< 0.020	< 0.020	< 0.020	< 0.020	
Nitrate + Nitrite (as N)	mg/L	< 0.020	< 0.020	< 0.020	< 0.020	
Nitrite (as N)	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	
Nitrofen	ug/L	< 0.050		< 0.050		
Omethoate	ug/L	< 0.50		< 0.50		
o-Xylene	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	
Parathion	ug/L	< 0.050		< 0.050		
Pentachlorophenol / PCP	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
Permethrin	ug/L	< 0.040		< 0.040		
pH			8.14		8.34	
Phenanthrene	mg/L	< 0.000050	< 0.000050	< 0.000050	< 0.000050	

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Phenol	ug/L	< 0.50	< 0.50	< 0.50	< 0.50	
Phorate	ug/L	< 0.050		< 0.050		
Phosalone	ug/L	< 0.20		< 0.20		
Phosmet	ug/L	< 0.050		< 0.050		
Phosphamidon	ug/L	< 0.050		< 0.050		
Phosphorus (total)	mg/L	0.13	0.13	< 0.0030	0.21	
Pirimicarb	ug/L	< 0.50		< 0.50		
Pirimiphos-ethyl	ug/L	< 0.050		< 0.050		
Pirimiphos-methyl	ug/L	< 0.050		< 0.050		
Potassium (dissolved)	mg/L	0.173	0.262	1.97		
Potassium (total)	mg/L	0.158	0.261	1.96**		1.77
Procymidone	ug/L	< 0.050		< 0.050		
Profenofos	ug/L	< 0.050		< 0.050		
Profluralin	ug/L	< 0.050		< 0.050		
Prometryn	ug/L	< 0.050		< 0.050		
Pronamide	ug/L	< 0.050		< 0.050		
Propazine	ug/L	< 0.050		< 0.050		
Propiconazole	ug/L	< 0.50		< 0.50		
Pyrazophos	ug/L	< 0.10		< 0.10		
Pyrene	mg/L	< 0.000020	< 0.000020	< 0.000020	< 0.000020	
Quinalphos	ug/L	< 0.050		< 0.050		
Quinoline	mg/L	< 0.000020	< 0.000020	< 0.000020	< 0.000020	
Resorcinol	ug/L	< 10	< 10	< 10	< 10	
Selenium (dissolved)	mg/L	< 0.00010	< 0.00010	< 0.00010		
Selenium (total)	mg/L	< 0.00010	< 0.00010	< 0.00010		< 0.00010
Silicon (dissolved, as Si)	mg/L	14.9	14.4	7.06	6.81	
Silicon (total, as Si)	mg/L	14.3	13.6	6.84**		6.05
Silver (dissolved)	mg/L	< 0.000020	< 0.000020	< 0.000020		
Silver (total)	mg/L	< 0.000020	< 0.000020	< 0.000020		< 0.000020
Simazine	ug/L	< 0.050		< 0.050		
Sodium (dissolved)	mg/L	41.6	40.4	48.5		
Sodium (total)	mg/L	42.5	41.5	48.6**		45.5
Stirofos	ug/L	< 0.050		< 0.050		
Strontium (dissolved)	mg/L	< 0.0010	< 0.0010	< 0.0010		
Strontium (total)	mg/L	< 0.0010	< 0.0010	< 0.0010		< 0.0010
Styrene	mg/L	< 0.00050	< 0.00050	0.0018	< 0.00050	
Sulfotep	ug/L	< 0.050		< 0.050		
Sulfur (dissolved)	mg/L	< 3.0	< 3.0	< 3.0	5.4	
Sulfur (total)	mg/L	< 3.0	< 3.0	< 3.0		< 3.0

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Sulphate	mg/L	3.9	3.3	< 1.0	14	
Sulphide (total, as H <sub>2</sub> S)	mg/L	< 0.0020	0.0093	< 0.0020	< 0.0020	
Sulphide (total, as S)	mg/L	< 0.0018	0.0088	< 0.0018	< 0.0018	
Tecnazene	ug/L	< 0.050		< 0.050		
Temperature	degrees C					
Terbufos	ug/L	< 0.050		< 0.050		
Terbutylazine	ug/L	< 0.050		< 0.050		
Terbutryn	ug/L	< 0.050		< 0.050		
Tetrachloroethylene / PCE	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
Tetradifon	ug/L	< 0.10		< 0.10		
Thallium (dissolved)	mg/L	< 0.000010	< 0.000010	< 0.000010		
Thallium (total)	mg/L	< 0.000010	< 0.000010	< 0.000010		< 0.000010
Tin (dissolved)	mg/L	< 0.0050	< 0.0050	< 0.0050		
Tin (total)	mg/L	< 0.0050	< 0.0050	< 0.0050		< 0.0050
Titanium (dissolved)	mg/L	< 0.0050	< 0.0050	< 0.0050		
Titanium (total)	mg/L	< 0.0050	< 0.0050	< 0.0050		< 0.0050
Toluene	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	
Tolylfluanid	ug/L	< 0.050		< 0.050		
Total Chlordane	ug/L	< 0.050		< 0.050		
Total Chlordane	ug/L	< 0.050		< 0.050		
Total Dissolved Solids / TDS	mg/L	110	150	140	160	
Total HMW PAH	ug/L	< 0.050	< 0.050	< 0.050	< 0.050	
Total LMW PAH	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
Total Organic Carbon / TOC	mg/L	< 0.50	< 0.50	< 0.50	0.77	
Total PAH	ug/L	< 0.10	< 0.10	< 0.10	< 0.10	
Total Tetrachlorophenols	ug/L	< 0.17	< 0.17	< 0.17	< 0.17	
Total Trichlorophenols	ug/L	< 0.24	< 0.24	< 0.24	< 0.24	
trans-1,2-Dichloroethylene	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
trans-1,3-Dichloropropene	ug/L	< 1.0	< 1.0	< 1.0	< 1.0	
Triadimefon	ug/L	< 0.10		< 0.10		
Triallate	ug/L	< 0.050		< 0.050		
Trichloroethylene / TCE	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	

Sampling Point	Units	Brown Park - Summer Source Samples	Brown Park - Winter Source Samples	Williams Park - Summer Source Samples	Williams Park - Winter Source Samples	Williams Park - Metal Resamples
Trichlorofluoromethane	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	
Trichlorotrifluoroethane	ug/L	< 2.0	< 2.0	< 2.0	< 2.0	
Trifluralin	ug/L	< 0.050		< 0.050		
Turbidity	NTU	0.27	1.3	< 0.10	0.15	
Uranium (dissolved)	mg/L	< 0.00010	< 0.00010	< 0.00010		
Uranium (total)	mg/L	< 0.00010	< 0.00010	< 0.00010		< 0.00010
Vanadium (dissolved)	mg/L	< 0.0050	< 0.0050	< 0.0050		
Vanadium (total)	mg/L	< 0.0050	< 0.0050	< 0.0050		< 0.0050
Vinclozolin	ug/L	< 0.050		< 0.050		
Vinyl chloride	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
Volatile Petroleum Hydrocarbons C06-C10	ug/L	< 300	< 300	< 300	< 300	
Volatile Petroleum Hydrocarbons C06-C10 (less BTEX)	ug/L	< 300	< 300	< 300	< 300	
Xylenes (total)	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	
Zinc (dissolved)	mg/L	< 0.0050	< 0.0050	0.0111		
Zinc (total)	mg/L	< 0.0050	< 0.0050	0.0143**		0.0200
Zirconium (dissolved)	mg/L	< 0.00010	< 0.00010	< 0.00010		
Zirconium (total)	mg/L	< 0.00010	< 0.00010	< 0.00010		< 0.00010