

Annual Luia Summary - Treated Water Volatile Organic and Inorganic Data
 (Complete a separate sheet for each input into the Distribution System)
 Water Works Name: Lakeshore Well Supply
 Well No. (if applicable):

Year: 2008
 Serviced Population: 3500
 Laboratories Which Performer Analyses: SCS Lakefield Research
 Water Works #: 220000425

Parameter	Analysis		Analysis Murdock Glen (ug/L)	Analysis Blairs Grove (ug/L)	Analysis Huronville (ug/L)	Maximum Allowable Level (ug/L)	Analysis Pt. Clarke mg/l	Analysis Murdock Glen mg/l	Analysis Blairs Grove mg/l	Analysis Huronville mg/l	Maximum Allowable Level mg/l	
	Date (MM/DD/YY)	Pt. Clarke (ug/L)										
Schedule 23 & 24												
Antimony	07/06/2006	<0.2	<0.2	<0.2	<0.2	6						
Arsenic	06/01/2009	5.2	1.7	1.1	0.80	25						
Barium	07/06/2006	27.4	4.54	4.54	22.8	1000						
Boron	"	60	121	121	137	5000						
Cadmium	"	<0.06	0.07	0.07	<0.06	5						
Chromium	"	<0.02	2	2	1.2	50						
Mercury	"	<0.02	<0.02	<0.02	<0.02	1						
Sodium	"											
Lead	11/02/2008						17.9	43.7	98	43.9	20	
Fluoride	14/09/2007						0.23	0.06	0.03	0.05		
	12/10/2007						2.16	2.12	1.76	2.44	1.5	
Selenium	06/01/2009	<1	<1	2	<1	10	2.23	2.18	1.83	2.3	1.5	
Uranium	07/06/2006	0.43	0.26	0.34	0.25	20						
Benzene	"	<0.37	<0.37	<0.37	<0.37	5						
Carbon Tetrachloride	"	<0.26	<0.26	<0.26	<0.26	5						
1,2-Dichlorobenzene	"	<0.50	<0.50	<0.50	<0.50	200						
1,4-Dichlorobenzene	"	<0.20	<0.20	<0.20	<0.20	5						
1,1-Dichloroethylene	"	<0.41	<0.41	<0.41	<0.41	14						
1,2-Dichloroethane	"	<0.43	<0.43	<0.43	<0.43	5						
Dichloromethane	"	<0.32	<0.32	<0.32	<0.32	50						
Monochlorobenzene	"	<0.58	<0.58	<0.58	<0.58	80						
Tetrachloroethylene	"	<0.45	<0.45	<0.45	<0.45	30						
Trichloroethylene	"	<0.38	<0.38	<0.38	<0.38	50						
Vinyl Chloride	"	<0.14	<0.14	<0.14	<0.14	2						
Diquat	"	<1	<1	<1	<1	70						
Paraquat	"	<1	<1	<1	<1	10						
Glyphosate	"	<6	<6	<6	<6	280						
Polychlorinated Biphenyls	"	<0.04	<0.04	<0.04	<0.04	3						
Benzo(a)pyrene	"	<0.004	<0.004	<0.004	<0.004	0.01						
2,4-dichlorophenol	"	<0.15	<0.15	<0.15	<0.15	900						
2,4,6-trichlorophenol	"	<0.25	<0.25	<0.25	<0.25	5						
2,3,4,5-tetrachlorophenol	"	<0.14	<0.14	<0.14	<0.14	100						
Pentachlorophenol	"	<0.15	<0.15	<0.15	<0.15	60						
Alachlor	"	<11	<0.11	<0.11	<0.11	5						
Aldicarb	"	<0.30	<0.30	<0.30	<0.30	9						
Aldrin+Dieldrin	"	<0.067	<0.067	<0.067	<0.067	0.7						
Aldrin	"	<0.060	<0.060	<0.060	<0.060							
Dieldrin	"	<0.067	<0.067	<0.067	<0.067							
Atrazine+N-dealkylated metabolites	"	<0.12	<0.12	<0.12	<0.12	5						
Atrazine	"	<0.11	<0.11	<0.11	<0.11							
De-ethylated atrazine	"	<0.12	<0.12	<0.12	<0.12							
Azinphos-methyl	"	<0.21	<0.21	<0.21	<0.21	20						
Bendiocarb	"	<0.13	<0.13	<0.13	<0.13	40						

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Carbaryl	"	<0.16	<0.16	<0.16	<0.16	<0.16	90	<0.16		
Carbofuran	"	<0.37	<0.37	<0.37	<0.37	<0.37	90	<0.37		
Chlordane	"	<0.11	<0.11	<0.11	<0.11	<0.11	7	<0.11		
a-chlordane	"	<0.069	<0.069	<0.069	<0.069	<0.069		<0.069		
g-chlordane	"	<0.063	<0.063	<0.063	<0.063	<0.063		<0.063		
Oxychlordane	"	<0.11	<0.11	<0.11	<0.11	<0.11		<0.11		
Chlorpyrifos	"	<0.18	<0.18	<0.18	<0.18	<0.18	90	<0.18		
Cyanazine	"	<0.18	<0.18	<0.18	<0.18	<0.18	10	<0.18		
Diazinon	"	<0.081	<0.081	<0.081	<0.081	<0.081	20	<0.081		
(DDT)+Metabolites	"	<0.14	<0.14	<0.14	<0.14	<0.14	30	<0.14		
gp-DDT	"	<0.095	<0.095	<0.095	<0.095	<0.095		<0.095		
pp-DDD	"	<0.098	<0.098	<0.098	<0.098	<0.098		<0.098		
pp-DDE	"	<0.075	<0.075	<0.075	<0.075	<0.075		<0.075		
pp-DDT	"	<0.14	<0.14	<0.14	<0.14	<0.14		<0.14		
Dimethoate	"	<0.12	<0.12	<0.12	<0.12	<0.12	20	<0.12		
Diuron	"	<0.087	<0.087	<0.087	<0.087	<0.087	150	<0.087		
Heptachlor-Heptachlor Epoxide	"	<0.11	<0.11	<0.11	<0.11	<0.11	3	<0.11		
Heptachlor	"	<0.061	<0.061	<0.061	<0.061	<0.061		<0.061		
Heptachlor epoxide	"	<0.11	<0.11	<0.11	<0.11	<0.11		<0.11		
Lindane	"	<0.056	<0.056	<0.056	<0.056	<0.056	4	<0.056		
Malathion	"	<0.091	<0.091	<0.091	<0.091	<0.091	190	<0.091		
Methoxychlor	"	<0.14	<0.14	<0.14	<0.14	<0.14	900	<0.14		
Metolachlor	"	<0.092	<0.092	<0.092	<0.092	<0.092	50	<0.092		
Metribuzin	"	<0.12	<0.12	<0.12	<0.12	<0.12	80	<0.12		
Parathion	"	<0.18	<0.18	<0.18	<0.18	<0.18	50	<0.18		
Phorate	"	<0.11	<0.11	<0.11	<0.11	<0.11	2	<0.11		
Prometryne	"	<0.23	<0.23	<0.23	<0.23	<0.23	1	<0.23		
Simazine	"	<0.15	<0.15	<0.15	<0.15	<0.15	10	<0.15		
Temephos	"	<0.31	<0.31	<0.31	<0.31	<0.31	280	<0.31		
Terbufos	"	<0.12	<0.12	<0.12	<0.12	<0.12	1	<0.12		
Triallate	"	<0.10	<0.10	<0.10	<0.10	<0.10	230	<0.10		
Trifluralin	"	<0.12	<0.12	<0.12	<0.12	<0.12	45	<0.12		
2,4-dichlorophenoxyacetic acid	"	<0.19	<0.19	<0.19	<0.19	<0.19	100	<0.19		
2,4,5-trichlorophenoxyacetic acid	"	<0.14	<0.14	<0.14	<0.14	<0.14	280	<0.14		
Bromoxynil	"	<0.094	<0.094	<0.094	<0.094	<0.094	5	<0.094		
Dicamba	"	<0.17	<0.17	<0.17	<0.17	<0.17	120	<0.17		
Diclofop-methyl	"	<0.13	<0.13	<0.13	<0.13	<0.13	9	<0.13		
Dinoseb	"	<0.084	<0.084	<0.084	<0.084	<0.084	10	<0.084		
Picloram	"	<0.20	<0.20	<0.20	<0.20	<0.20	190	<0.20		

Lakeshore Well System
 Total Petroleum Hydrocarbons



Date		Standpipe	Limits
July 29/08	F1 (C6-C10) water	<100	100
	F2 (C10 - C16) water	<100	100
	F3 (C16 - C34) water	<500	500
	F4 (C34 - C50) water	<500	500
Chromatogram returned to baseline at nC50		Yes	

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): N/A
 Year: 2008
 Serviced Population: _____
 Laboratories which Performed Analyses: SGS Lakefield Research

Month	Total Coliform			Fecal Coliform / Escherichia Coli			HPC or MF			BKG		
	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe" / deteriorating	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe" / deteriorating	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe" / deteriorating
Jan '08	36	36	0	36	36	0	14	14	0			
Feb '08	28	28	0	28	28	0	12	12	0			
Mar '08	28	28	0	28	28	0	13	13	0			
Apr '08	35	35	0	35	35	0	19	18	1			
May '08	27	27	0	27	27	0	13	13	0			
Jun '08	28	28	0	28	28	0	13	13	0			
Jul '08	35	35	0	35	35	0	16	16	0			
Aug '08	28	28	0	28	28	0	13	13	0			
Sep '08	35	35	0	35	35	0	15	15	0			
Oct '08	34	34	0	34	34	0	12	12	0			
Nov '08	28	28	0	28	28	0	13	13	0			
Dec '08	37	37	0	37	37	0	15	15	0			
Total	379	379	0	379	379	0	168	167	1			

INDICATORS OF UNSAFE DRINKING WATER QUALITY:

If any of the following conditions exist, the drinking water is judged unsafe:

1. Escherichia coli and/or fecal coliforms are detected in any distribution sample by any analytical method;
2. Total coliforms are detected in consecutive samples from the same site or in multiple samples taken as a single submission from a distribution system.

INDICATORS OF DETERIORATING DRINKING WATER QUALITY

Any of the following conditions indicate a deterioration in drinking water quality:

- a) total coliforms detected as a single occurrence (but not Escherichia coli or other fecal coliforms);
- b) samples contain more than 500 colonies per ml on a heterotrophic plate count analysis;
- c) samples contain more than 200 background colonies on a total coliform membrane filter analysis;
- d) Aeromonas spp., Pseudomonas aeruginosa, Staphylococcus aureus, Clostridium spp. Or members of the Fecal Streptococcus (Enterococcus) group are detected.

Water Works Name:

Well No. (if applicable):

Year:

Serviced Population

Laboratories Which Performed Analyses: SGS Lakefield Research & Veolia Water Canada

Water Works

Lakeshore Well Supply

Blairs Grove

2008

3500

220000425

Month	Fluoride		Treated Water Nitrite			Treated Water Nitrate			THM's		
	No. of Samples Collected	Average Residual mg/L	Maximum Residual mg/L	No. of Samples Collected	Average Nitrite mg/L	Maximum Nitrite mg/L	No. of Treated Samples Collected	Average Nitrate (mg/L)	Maximum Nitrate mg/L	No of Samples	Result ug/l
Jan.	1	1.51	1.51								
Feb.	1	2.02	2.02	1	<0.005	<0.005	1	<0.013	<0.013	1	8.1
Mar.											
Apr.	1	1.73	1.73								
May	1	1.95	1.95	1	<0.005	<0.005	1	<0.013	<0.013	1	7.9
June											
July	1	1.53	1.53								
August				1	<0.005	<0.005	1	<0.013	<0.013	1	8
Sept											
Oct.	1	1.83	1.83								
Nov				1	<0.005	<0.005	1	<0.013	<0.013	1	11
Dec											
Total	6			4			4				
Average					#DIV/0!						
Maximum			2.02				0			0	
ODWQS											

Where nitrate and nitrite are present, the total of the two should not exceed 10 mg/L

The maximum allowable level of THM's is 100 ug/l

Fluoride levels above 1.5 mg/L should be reported to the Medical Officer of Health

Lakeshore Well System
 Chemical Usage
 2008
 Blairs Grove

Month	Sodium Silicate		Sodium Hypochlorite	
	Usage kg.	Dosage mg/L	Usage Kg.	Dosage mg/L
Jan '08	3.47	22.50	0.41	2.69
Feb '08	0.99	24.75	0.55	13.80
Mar '08	0.99	21.06	0.28	5.87
Apr '08	3.96	4.39	3.17	3.52
May '08	0.00	0.00	0.28	7.67
Jun '08	16.34	3.85	17.53	4.13
Jul '08	8.42	4.29	6.76	3.44
Aug '08	40.10	5.11	28.29	3.60
Sep '08	9.90	4.73	9.25	4.42
Oct '08	0.50	3.51	0.69	4.89
Nov '08	0.99	14.78	0.55	8.24
Dec '08	0.99	30.00	0.28	8.36
Total	86.63	4.93	68.03	3.87

Notes:

- 1) The sodium hypochlorite is used as a source of chlorine
 - 2) The sodium silicate is used as a treatment for iron.
- All quantities of chemicals are listed as the available chemical in the solutions and not the total physical quantities.

Lakeshore Well Supply
 Blairs
 2008
 3500
 Veolia Water Canada
 220000425

Water Works Name:
 Well No. (if applicable):
 Year:
 Serviced Population
 Laboratories Which Performed Analyses:
 Water Works Number

Month	Treated Water Flow		Process Wastewater Monthly Total (1000 m3)	Treated Water Turbidity		Treated Disinfectant		Treated Disinfectant- SCADA System			Dist. System Disinfectant	
	Average Daily (1000 m3)	Maximum Daily (1000 m3)		No. of Samples Collected	Average Turbidity NTU	Average Residual (mg/L)	Average Residual (mg/L)	Minimum Residual (mg/L)	Maximum Residual (mg/L)	No. of Samples Collected	No. of Samples Collected	No. of Samples < 0.05
Jan '08	0.005	0.094	0.154	0	0.272	31	1.04	N/A	0.65	1.25	31	0
Feb '08	0.001	0.013	0.040	0	0.230	29	0.98	N/A	0.45	1.50	29	0
Mar '08	0.002	0.014	0.047	0	0.248	31	1.02	0.96	0.50	2.01	31	0
Apr '08	0.030	0.423	0.902	1	0.361	30	1.07	1.00	0.62	1.83	30	0
May '08	0.001	0.015	0.036	0	0.253	31	0.96	0.95	0.70	1.36	30	0
Jun '08	0.141	1.225	4.242	0	0.263	30	1.05	1.00	0.78	1.51	30	0
Jul '08	0.063	0.539	1.963	0	0.326	31	0.88	0.85	0.68	1.52	31	0
Aug '08	0.253	1.170	7.852	0	0.235	31	1.03	1.05	0.70	1.61	31	0
Sep '08	0.070	0.667	2.094	0	0.297	30	1.03	1.01	0.70	1.43	30	0
Oct '08	0.005	0.031	0.141	0	0.336	31	1.08	1.07	0.40	1.95	31	0
Nov '08	0.002	0.020	0.067	0	0.260	30	1.03	1.04	0.90	1.51	30	0
Dec '08	0.001	0.013	0.033	0	0.236	31	1.07	0.96	1.00	1.57	31	0
Total			17.571	1		366					366	0
Average	0.048				0.276		1.02					
Maximum		1.225										

Sodium Hypochlorite

Disinfectant Compound Used
 (EG. Chlorine Gas, NaOCl, etc.)

Form of Residual Displayed on above table:
 (EG. Free, Combined, or Total) Free

Quantity of Disinfectant used during the year (kg): 68.03

Distribution system target residual (mg/L) > 0.20

Maximum daily flow 2621 cubic meters (m3).

Instantaneous flow 1820 litres per minute.

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Blairs Grove
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: SGS Lakefield Research
 Water Works Number: 220000425

Raw Water

Month	Total Coliform			Fecal Coliform / Escherichia Coli			Raw Water Turbidity		
	No. of Samples Collected	No. of Samples >1	No. of Samples Collected	No. of Samples >1	No. of Samples >1	Number Samples >1 NTU	Average NTU		
Jan '08	5	0	5	0	0	0	0.23		
Feb '08	4	0	4	0	0	0	0.22		
Mar '08	4	0	4	0	0	0	0.23		
Apr '08	5	0	5	0	0	0	0.30		
May '08	4	0	4	0	0	0	0.32		
Jun '08	4	0	4	0	0	0	0.39		
Jul '08	5	0	5	0	0	0	0.32		
Aug '08	4	0	4	0	0	0	0.34		
Sep '08	5	0	5	0	0	0	0.37		
Oct '08	4	0	4	0	0	0	0.28		
Nov '08	4	0	4	0	0	0	0.27		
Dec '08	3	0	3	0	0	0	0.26		
Total	51	0	51	0	0	0	0.29		

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Blairs Grove
 Year: 2008
 Serviced Population: _____
 Laboratories which Performed Analyses: SGS Lakefield Research

Month	Total Coliform			Fecal Coliform / Escherichia Coli			HPC or MFC			BKG		
	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe" deterioration	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples deterioration	No. of Samples Collected	No. of Samples "Safe"	No. of Samples deterioration
Jan '08	5	5	0	5	5	0	5	5	0	0	0	0
Feb '08	4	4	0	4	4	0	4	4	0	0	0	0
Mar '08	4	4	0	4	4	0	4	4	0	0	0	0
Apr '08	5	5	0	5	5	0	5	5	0	0	0	0
May '08	4	4	0	4	4	0	4	4	0	0	0	0
Jun '08	4	4	0	4	4	0	4	4	0	0	0	0
Jul '08	5	5	0	5	5	0	5	5	0	0	0	0
Aug '08	4	4	0	4	4	0	4	4	0	0	0	0
Sep '08	5	5	0	5	5	0	5	5	0	0	0	0
Oct '08	4	4	0	4	4	0	4	4	0	0	0	0
Nov '08	4	4	0	4	4	0	4	4	0	0	0	0
Dec '08	4	4	0	4	4	0	4	4	0	0	0	0
Total	52	52	0	52	52	0	52	52	0	0	0	0

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- Total coliforms are detected in consecutive samples from the same site or in multiple samples taken as a single submission from a distribution system.

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Any of the following conditions indicate a deterioration in drinking water quality:

- total coliforms detected as a single occurrence (but not Escherichia coli or other fecal coliforms);
- samples contain more than 500 colonies per ml on a heterotrophic plate count analysis;
- samples contain more than 200 background colonies on a total coliform membrane filter analysis;
- Aeromonas spp., Pseudomonas aeruginosa, Staphylococcus aureus, Clostridium spp. Or members of the Fecal Streptococcus (Enterococcus) group are detected.

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Huronville
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: SGS Lakefield Research & Veolia Water Canada
 Water Works: 220000425

Month	Fluoride			Treated Water Nitrite			Treated Water Nitrate			THM's	
	No. of Samples Collected	Average Residual mg/L	Maximum Residual mg/L	No. of Samples Collected	Average Nitrite mg/L	Maximum Nitrite mg/L	No. of Treated Samples Collected	Average Nitrate (mg/L)	Maximum Nitrate mg/L	No of Samples	Result ug/l
Jan.	1	1.88	1.88								
Feb.	1	2.15	2.15	1	<0.0056	<0.005	1	<0.013	<0.013	1	9.2
Mar.											
Apr.	1	2.01	2.01								
May	1	2.18	2.18	1	<0.005	<0.005	1	<0.013	<0.013	1	6.0
June											
July	1	1.85	1.85								
August				1	<0.005	<0.005	1	<0.013	<0.013	1	8.2
Sept											
Oct.	1	2.12	2.12								
Nov				1	0.010	0.010	1	<0.013	<0.013	1	6.6
Dec											
Total	6			4			4				
Average					0.01						
Maximum			2.18			0.01			0		
ODWQS											

Where nitrate and nitrite are present, the total of the two should not exceed 10 mg/L

Fluoride levels above 1.5 mg/L should be reported to the Medical Officer of Health

Lakeshore Well System
 Chemical Usage
 2008
 Huronville

Month	Sodium Hypochlorite		Sodium Silicate	
	Usage kg.	Dosage mg/L	Usage Kg.	Dosage mg/L
Jan '08	15.18	2.97	25.25	4.94
Feb '08	13.66	2.50	19.80	3.62
Mar '08	15.04	2.60	12.87	2.22
Apr '08	19.73	2.87	15.35	2.23
May '08	28.43	2.73	19.31	1.85
Jun '08	30.50	2.82	26.24	2.43
Jul '08	56.30	2.85	64.85	3.28
Aug '08	61.41	2.97	70.29	3.40
Sep '08	36.98	2.84	42.57	3.27
Oct '08	23.46	2.84	20.30	2.46
Nov '08	17.66	2.72	10.89	1.67
Dec '08	19.04	2.78	11.88	1.74
Total	337.41	2.82	339.57	2.84

Notes:

- 1) The sodium hypochlorite is used as the disinfectant
 - 2) The sodium silicate is used as a treatment for iron.
- All quantities of chemicals are listed as the available chemical in the solutions and not the total physical quantities.

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Huronville
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: Veolia Water Canada
 Water Works Number: 220000425

Month	Treated Water Flow			Process Wastewater Monthly Total (1000 m3)	Treated Water Turbidity			Treated Disinfectant			reated Disinfectant- SCADA System			System Disinfectant	
	Average Daily (1000 m3)	Maximum Daily (1000 m3)	Monthly Total (1000 m3)		No. of Samples Collected	No. of Samples > 1NTU	Average Turbidity NTU	Average Residual (mg/L)	Average Online Residual (mg/L)	Minimum Online Residual (mg/L)	Maximum Online Residual (mg/L)	No. of Dist.Samp. Collected	No. of Samples < 0.05		
Jan '08	0.165	0.270	5.112		31	0	0.361	1.35	1.39	0.80	>2.00	31	0		
Feb '08	0.189	0.280	5.470		29	0	0.478	1.18	1.18	1.07	1.45	29	0		
Mar '08	0.187	0.347	5.786		31	4	0.740	1.14	1.12	0.78	2.00	31	0		
Apr '08	0.230	0.575	6.885		30	0	0.597	1.28	1.30	0.96	1.64	30	0		
May '08	0.336	0.599	10.416		31	0	0.599	1.23	1.22	0.70	1.96	30	0		
Jun '08	0.361	0.563	10.815		30	2	0.647	1.21	1.23	0.80	1.51	30	0		
Jul '08	0.638	1.069	19.767		31	0	0.333	1.23	1.24	1.00	1.87	31	0		
Aug '08	0.667	1.190	20.675		31	3	0.488	1.22	1.22	1.15	1.38	31	0		
Sep '08	0.433	1.203	13.002		30	0	0.345	1.20	1.2	1.03	1.48	30	0		
Oct '08	0.267	0.596	8.263		31	0	0.352	1.21	1.22	1.07	1.4	31	0		
Nov '08	0.217	0.348	6.504		30	1	0.419	1.30	1.30	1.20	1.55	30	0		
Dec '08	0.221	0.346	6.847		31	0	0.321	1.32	1.3	1.20	1.55	31	0		
Total			119.542		366	10		1.24	0.00	0.00		365	0		
Average	0.327								0.00						
Maximum		1.203					0.473								

Disinfectant Compound Used: Sodium Hypochlorite

(EG. Chlorine Gas, NaOCl, etc.)

Form of Residual Displayed on above table: Free

Quantity of Disinfectant used during the year (kg): 337.41

Distribution system target residual (mg/L) > 0.20

Maximum daily flow 3931 cubic meters (m3).

Instantaneous flow 2,730 litres per minute.

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Huronville
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: SGS Lakefield Research
 Water Works Number: 220000425

Raw Water

Month	Total Coliform			Fecal Coliform / Escherichia Coll			Raw Water Turbidity	
	No. of Samples Collected	No. of Samples >1	No. of Samples Collected	No. of Samples >1	No. of Samples >1	<1 NTU	Average NTU	
Jan '08	5	0	5	0	0	0	0	0.33
Feb '08	4	0	4	0	0	0	0	0.45
Mar '08	4	0	4	0	0	0	0	0.45
Apr '08	5	0	5	0	0	0	1	0.45
May '08	4	0	4	0	0	0	0	0.42
Jun '08	4	0	4	0	0	0	0	0.60
Jul '08	5	0	5	0	0	0	0	0.37
Aug '08	4	0	4	0	0	0	0	0.41
Sep '08	5	0	5	0	0	0	0	0.51
Oct '08	4	0	4	0	0	0	0	0.25
Nov '08	4	0	4	0	0	0	0	0.38
Dec '08	5	0	5	0	0	0	0	0.35
Total	53	0	53	0	0	0	1	0.41

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Huronville
 Year: 2008
 Serviced Population: _____
 Laboratories which Performed Analyses: SGS Lakefield Research

Month	Total Coliform			Fecal Coliform / Escherichia Coli			HPC or MF			BKG		
	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"
Jan '08	5	5	0	5	5	0	5	5	0	0	0	0
Feb '08	4	4	0	4	4	0	4	4	0	0	0	0
Mar '08	4	4	0	4	4	0	4	4	0	0	0	0
Apr '08	7	7	0	7	7	0	5	5	0	0	0	0
May '08	4	4	0	4	4	0	4	4	0	0	0	0
Jun '08	4	4	0	4	4	0	4	4	0	0	0	0
Jul '08	5	5	0	5	5	0	5	5	0	0	0	0
Aug '08	4	4	0	4	4	0	4	4	0	0	0	0
Sep '08	5	5	0	5	5	0	5	5	0	0	0	0
Oct '08	4	4	0	4	4	0	4	4	0	0	0	0
Nov '08	4	4	0	4	4	0	4	4	0	0	0	0
Dec '08	5	5	0	5	5	0	5	5	0	0	0	0
Total	55	55	0	55	55	0	53	53	0	0	0	0

INDICATORS OF UNSAFE DRINKING WATER QUALITY: INDICATORS OF DETERIORATING DRINKING WATER QUALITY

If any of the following conditions exist, the drinking water is judged unsafe:
 1. Escherichia coli and/or fecal coliforms are detected in any distribution sample by any analytical method;
 2. Total coliforms are detected in consecutive samples from the same site or in multiple samples taken as a single submission from a distribution system.

Any of the following conditions indicate a deterioration in drinking water quality:
 a) total coliforms detected as a single occurrence (but not Escherichia coli or other fecal coliforms);
 b) samples contain more than 500 colonies per ml on a heterotrophic plate count analysis;
 c) samples contain more than 200 background colonies on a total coliform membrane filter analysis;
 d) Aeromonas spp., Pseudomonas aeruginosa, Staphylococcus aureus, Clostridium spp. Or members of the Fecal Streptococcus (Enterococcus) group are detected.

Water Works Name:

Well No. (if applicable):

Year:

Serviced Population

Laboratories Which Performed Analyses: SGS Lakefield Research & Veolia Water Canada
Water Works 220000425

Lakeshore Well Supply

Murdock Glen

2008

3500

Month	Fluoride			Treated Water Nitrite			Treated Water Nitrate			THM's	
	No. of Samples Collected	Average Residual mg/L	Maximum Residual mg/L	No. of Samples Collected	Average Nitrite mg/L	Maximum Nitrite mg/L	No. of Treated Samples Collected	Average Nitrate (mg/L)	Maximum Nitrate mg/L	No of Samples	Result ug/l
Jan.	1	1.72	1.72								
Feb.	1	1.97	1.97	1	<0.005	<0.005	1	<0.013	<0.013	1	15
Mar.											
Apr.	1	1.89	1.89								
May	1	2.18	2.18	1	<0.005	<0.005	1	<0.013	<0.013	1	12
June											
July	1	1.82	1.82								
August				1	<0.005	<0.005	1	<0.013	<0.013	1	9.3
Sept											
Oct.	1	2.04	2.04								
Nov				1	<0.005	<0.005	1	<0.013	<0.013	1	18
Dec											
Total	6			4			4				
Average					#DIV/0!						
Maximum			2.18				0			0	
ODWQS											

Where nitrate and nitrite are present, the total of the two should not exceed 10 mg/L

Fluoride levels above 1.5 mg/L should be reported to the Medical Officer of Health

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Murdock Glen
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: Veolia Water Canada
 Water Works Number: 220000425

Month	Treated Water Flow		Process Wastewater Monthly Total (1000 m3)	Treated Water Turbidity		Treated Disinfectant		Treated Disinfectant- SCADA System			No. of Dist.Samp. Collected	No. of Samples < 0.05
	Average Daily (1000 m3)	Maximum Daily (1000 m3)		Average Turbidity NTU	No. of Samples > 1NTU	Average Residual (mg/L)	No. of Samples Collected	Average Online Residual (mg/L)	Minimum Online Residual (mg/L)	Maximum Online Residual (mg/L)		
Jan '08	0.042	0.088	1.304	0	0.28	31	1.46	1.46	0.50	2.00	31	0
Feb '08	0.038	0.060	1.093	0	0.20	29	1.23	1.23	0.98	1.54	29	0
Mar '08	0.040	0.077	1.235	0	0.22	31	1.38	1.38	1.13	1.56	31	0
Apr '08	0.081	0.280	2.436	0	0.17	30	1.40	1.40	1.10	1.62	30	0
May '08	0.092	0.259	2.754	0	0.18	31	1.38	1.38	1.10	1.94	30	0
Jun '08	0.096	0.268	2.690	0	0.17	30	1.17	1.17	0.90	1.31	30	0
Jul '08	0.177	0.504	5.494	0	0.11	31	1.22	1.22	1.00	1.36	31	0
Aug '08	0.154	0.299	4.779	0	0.13	31	1.20	1.23	0.78	1.44	31	0
Sep '08	0.151	0.483	4.543	0	0.12	30	1.22	1.52	1.02	1.57	30	0
Oct '08	0.096	0.438	2.971	0	0.18	31	1.40	1.39	1.20	1.74	31	0
Nov '08	0.037	0.064	1.101	0	0.21	30	1.30	1.3	1.00	1.51	30	0
Dec '08	0.040	0.236	1.235	0	0.17	31	1.24	N/A	1.12	1.52	31	0
Total			31.835	0		366					365	0
Average	0.087						1.30					
Maximum		0.504										

Disinfectant Compound Used: Sodium Hypochlorite

(EG. Chlorine Gas, NaOCl, etc.)

Form of Residual Displayed on above table: Free

Quantity of Disinfectant used during the year (kg): 106.26

Distribution system target residual (mg/L) > 0.20

Maximum daily flow 1,814 cubic meters (m3).

Instantaneous flow 1,260 litres per minute.

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Murdock Glen
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: SGS Lakefield Research
 Water Works Number: 220000425

Raw Water

Month	Total Coliform			Fecal Coliform / Escherichia Coli			Raw Turbidity	
	No. of Samples Collected	No. of Samples >1	No. of Samples Collected	No. of Samples >1	No. of Samples >1	No. of Samples >1 NTU	Average NTU	
Jan '08	5	0	5	0	0	0	0.28	
Feb '08	4	0	4	0	0	0	0.29	
Mar '08	4	0	4	0	0	0	0.24	
Apr '08	5	0	5	0	0	0	0.35	
May '08	4	0	4	0	0	0	0.24	
Jun '08	4	0	4	0	0	0	0.45	
Jul '08	5	0	5	0	0	0	0.38	
Aug '08	4	0	4	0	0	0	0.39	
Sep '08	5	0	5	0	0	0	0.46	
Oct '08	4	0	4	0	0	0	0.43	
Nov '08	4	0	4	0	0	0	0.37	
Dec '08	5	0	5	0	0	0	0.34	
Total	53	0	53	0	0	0	0.35	

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Murdock Glen
 Year: 2008
 Serviced Population: _____
 Laboratories which Performed Analyses: SGS Lakefield Research

Treated Water

Month	Total Coliform				Fecal Coliform / Escherichia Coli				HPC or MF		BKG	
	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Deteriorating	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Deteriorating	No. of Samples Collected	No. of Samples "Safe"	No. of Samples "Unsafe"	No. of Samples Deteriorating
Jan '08	5	5	0	0	5	5	0	0	5	5	0	0
Feb '08	4	4	0	0	4	4	0	0	4	4	0	0
Mar '08	4	4	0	0	4	4	0	0	4	4	0	0
Apr '08	5	5	0	0	5	5	0	0	5	5	0	0
May '08	4	4	0	0	4	4	0	0	4	4	0	0
Jun '08	4	4	0	0	4	4	0	0	4	4	0	0
Jul '08	5	5	0	0	5	5	0	0	5	5	0	0
Aug '08	4	4	0	0	4	4	0	0	4	4	0	0
Sep '08	5	5	0	0	5	5	0	0	5	5	0	0
Oct '08	4	4	0	0	4	4	0	0	4	4	0	0
Nov '08	4	4	0	0	4	4	0	0	4	4	0	0
Dec '08	5	5	0	0	5	5	0	0	5	5	0	0
Total	53	53	0	0	53	53	0	0	53	53	0	0

INDICATORS OF UNSAFE DRINKING WATER QUALITY:

If any of the following conditions exist, the drinking water is judged unsafe:

1. Escherichia coli and/or fecal coliforms are detected in any distribution sample by any analytical method;
2. Total coliforms are detected in consecutive samples from the same site or in multiple samples taken as a single submission from a distribution system.

INDICATORS OF DETERIORATING DRINKING WATER QUALITY

Any of the following conditions indicate a deterioration in drinking water quality:

- a) total coliforms detected as a single occurrence (but not Escherichia coli or other fecal coliforms);
- b) samples contain more than 500 colonies per ml on a heterotrophic plate count analysis;
- c) samples contain more than 200 background colonies on a total coliform membrane filter analysis;
- d) Aeromonas spp., Pseudomonas aeruginosa, Staphylococcus aureus, Clostridium spp. Or members of the Fecal Streptococcus (Enterococcus) group are detected.

Lakeshore Well System
 Chemical Usage
 2008
 Murdock Glen

Month	Sodium Silicate		Sodium Hypochlorite	
	Usage kg.	Dosage mg/L	Usage Kg.	Dosage mg/L
Jan '08	17.82	13.67	5.24	4.02
Feb '08	14.36	13.13	4.00	3.66
Mar '08	17.82	14.43	4.83	3.91
Apr '08	9.90	4.06	7.59	3.12
May '08	7.92	2.88	8.97	3.26
Jun '08	8.91	3.08	8.28	2.87
Jul '08	22.28	4.05	17.39	3.16
Aug '08	22.28	4.66	15.04	3.15
Sep '08	21.78	4.79	14.35	3.16
Oct '08	14.36	4.83	10.21	3.44
Nov '08	4.95	4.50	4.14	3.76
Dec '08	2.48	2.00	6.21	5.03
Total	164.84	6.53	106.26	3.72

Notes:

- 1) The sodium hypochlorite is used as a source of chlorine
 - 2) The sodium silicate is used as a treatment for iron.
- All quantities of chemicals are listed as the available chemical in the solutions and not the total physical quantities.

Water Works Name:
Well No. (if applicable):
Year:

Lakeshore Well Supply
Pt. Clarke
2008
3500

Serviced Population

Laboratories Which Performed Analyses: SGS Lakefield Research & Veolia Water Canada
Water Works 220000425

Month	Fluoride		Treated Water Nitrite			Treated Water Nitrate			THM's		
	No. of Samples Collected	Average Residual mg/L	Maximum Residual mg/L	No. of Samples Collected	Average Nitrite mg/L	Maximum Nitrite mg/L	No. of Treated Samples Collected	Average Nitrate (mg/L)	Maximum Nitrate mg/L	No of Samples	Result ug/l
Jan.	1	1.63	1.63								
Feb.	1	2.07	2.07	1	<0.005	<0.005	1	<0.013	<0.013	1	8.4
Mar.											
Apr.	1	1.96	1.96								
May	1	2.11	2.11	1	<0.005	<0.005	1	<0.013	<0.013	1	6.7
June											
July	1	1.90	1.90								
August											
Sept											
Oct.	1	2.10	2.10	1	<0.005	<0.005	1	<0.013	<0.013	1	5.8
Nov											
Dec											
Total	6			4			4				
Average					#DIV/0!						
Maximum			2.11				0				
ODWQS											

Where nitrate and nitrite are present, the total of the two should not exceed 10 mg/L

Fluoride levels above 1.5 mg/L should be reported to the Medical Officer of Health

Lakeshore Well System
 Chemical Usage
 2008
 Point Clark

Month	Sodium Silicate		Sodium Hypochlorite	
	Usage kg.	Dosage mg/L	Usage Kg.	Dosage mg/L
Jan '08	125.00	6.52	1.54	2.48
Feb '08	118.00	6.31	1.50	2.33
Mar '08	136.00	6.31	1.73	2.48
Apr '08	134.00	5.74	1.94	2.49
May '08	140.00	5.20	2.27	2.61
Jun '08	139.00	5.98	2.04	2.63
Jul '08	313.00	7.54	3.54	2.64
Aug '08	296.00	7.46	3.30	2.58
Sep '08	231.00	7.44	2.65	2.56
Oct '08	158.00	7.06	1.93	2.67
Nov '08	115.00	6.18	1.54	2.48
Dec '08	102.00	5.65	1.41	2.42
Total/Average	2,007.00	6.60	775.15	2.55

Notes:

- 1) The sodium hypochlorite is used as a source of chlorine
 - 2) The sodium silicate is used as a treatment for iron.
- All quantities of chemicals are listed as the available chemical in the solutions and not the total physical quantities.

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Point Clark
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: Veolia Water Canada
 Water Works Number: 220000425

Month	Treated Water Flow		Process Wastewater Monthly Total (1000 m3)	Treated Water Turbidity		Treated Disinfectant		Treated Disinfection-SCADA System			System Disinfectant	
	Average Daily (1000 m3)	Maximum Daily (1000 m3)		No. of Samples Collected	Average Turbidity NTU	Average Residual (mg/L)	Average Online Residual (mg/L)	Minimum Online Residual (mg/L)	Maximum Online Residual (mg/L)	No. of Samples Collected	No. of Dist. Samp. Collected	No. of Samples < 0.05
Jan '08	0.618	0.940	19,166	0	1.36	1.36	0.68	2.01	31	31	0	
Feb '08	0.645	1.071	18,695	0	1.35	1.37	1.24	1.89	29	29	0	
Mar '08	0.685	0.950	21,560	0	1.31	1.32	1.14	1.63	31	31	0	
Apr '08	0.779	1.200	23,356	0	1.34	1.35	0.30	1.92	30	30	0	
May '08	0.869	1.425	26,932	0	1.25	1.26	0.85	1.81	31	30	0	
Jun '08	0.775	1.607	23,236	0	1.22	1.24	0.20	1.81	30	30	0	
Jul '08	1.339	2.264	41,524	0	1.27	1.25	0.90	1.55	31	31	0	
Aug '08	1.280	2.047	39,688	0	1.13	1.19	0.26	2.01	31	31	0	
Sep '08	1.036	1.738	31,065	0	1.17	1.16	0.5	2.01	30	30	0	
Oct '08	0.722	1.173	22,377	0	1.29	1.27	.99	2.01	31	31	0	
Nov '08	0.620	1.231	18,608	0	1.29	1.25	1.11	1.39	30	30	0	
Dec '08	0.582	1.195	18,046	0	1.32	1.31	1.05	1.54	31	31	0	
Total			304,253	0					365		0	
Average	0.831				1.27							
Maximum		2.264										

Disinfectant Compound Used: Sodium Hypochlorite

(EG. Chlorine Gas, NaOCl, etc.)

Form of Residual Displayed on above table: Free

Quantity of Disinfectant used during the year (kg): 775.15

Distribution system target residual (mg/L) > 0.20

Maximum daily flow 3,274 cubic meters (m3).

Instantaneous flow 2,273 litres per minute.

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Well 1 Point Clarke
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: SGS Lakefield Research
 Water Works Number: 220000425

Month	Total Coliform			Fecal Coliform / Escherichia Coli		
	No. of Samples Collected	No. of Samples Collected	No. of Samples >1	No. of Samples Collected	No. of Samples 1	No. of Samples >1
Jan '08	5	5	0	5	5	0
Feb '08	4	4	0	4	4	0
Mar '08	4	4	0	4	4	0
Apr '08	5	5	0	5	5	0
May '08	4	4	0	4	4	0
Jun '08	4	4	0	4	4	0
Jul '08	5	5	0	5	5	0
Aug '08	4	4	0	4	4	0
Sep '08	5	5	0	5	5	0
Oct '08	4	4	0	4	4	0
Nov '08	4	4	0	4	4	0
Dec '08	5	5	0	5	5	0
Total	53	53	0	53	53	0

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Well 2 Point Clarke
 Year: 2008
 Serviced Population: 3500
 Laboratories Which Performed Analyses: SGS Lakefield Research
 Water Works Number: 220000425

Month	Total Coliform			Fecal Coliform / Escherichia Coli		
	No. of Samples Collected	No. of Samples 1	No. of Samples >1	No. of Samples Collected	No. of Samples 1	No. of Samples >1
Jan '08	5	5	0	5	5	0
Feb '08	4	4	0	4	4	0
Mar '08	4	4	0	4	4	0
Apr '08	5	5	0	5	5	0
May '08	4	4	0	4	4	0
Jun '08	4	4	0	4	4	0
Jul '08	5	5	0	5	5	0
Aug '08	4	4	0	4	4	0
Sep '08	5	5	0	5	5	0
Oct '08	4	4	0	4	4	0
Nov '08	4	4	0	4	4	0
Dec '08	5	5	0	5	5	0
Total	53	53	0	53	53	0

Water Works Name: Lakeshore Well Supply
 Well No. (if applicable): Point Clark
 Year: 2008
 Serviced Population: _____
 Laboratories which Performed Analyses: SGS Lakefield Research

Month	Total Coliform		Fecal Coliform / Escherichia Coli		HPC or MF		BKG	
	No. of Samples Collected	No. of Samples "Unsafe"	No. of Samples Collected	No. of Samples "Unsafe"	No. of Samples Collected	No. of Samples "Safe"	No. of Samples Collected	No. of Samples "Safe"
Jan '08	5	0	5	0	5	5	0	0
Feb '08	4	0	4	0	4	4	0	0
Mar '08	4	0	4	0	4	4	0	0
Apr '08	5	0	5	0	5	5	0	0
May '08	4	0	4	0	4	4	0	0
Jun '08	4	0	4	0	4	4	0	0
Jul '08	5	0	5	0	5	5	0	0
Aug '08	4	0	4	0	4	4	0	0
Sep '08	5	0	5	0	5	5	0	0
Oct '08	4	0	4	0	4	4	0	0
Nov '08	4	0	4	0	4	4	0	0
Dec '08	5	0	5	0	5	5	0	0
Total	53	0	53	0	53	53	0	0

INDICATORS OF UNSAFE DRINKING WATER QUALITY:

If any of the following conditions exist, the drinking water is judged unsafe:

- Escherichia coli and/or fecal coliforms are detected in any distribution sample by any analytical method;
- Total coliforms are detected in consecutive samples from the same site or in multiple samples taken as a single submission from a distribution system.

INDICATORS OF DETERIORATING DRINKING WATER QUALITY

Any of the following conditions indicate a deterioration in drinking water quality:

- total coliforms detected as a single occurrence (but not Escherichia coli or other fecal coliforms);
- samples contain more than 500 colonies per ml on a heterotrophic plate count analysis;
- samples contain more than 200 background colonies on a total coliform membrane filter analysis;
- Aeromonas spp., Pseudomonas aeruginosa, Staphylococcus aureus, Clostridium spp. Or members of the Fecal Streptococcus (Enterococcus) group are detected.