

RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Badger	Baie Verte	Beachside	Belleoram	Birchy Bay	
Serviced Area				Badger	Baie Vert	Beachside	Belleoram	Birchy Bay	
Water Supply				Well Field	Southern Arm Pond	Long Pond	Rabbits Pond	Jumper's Pond	
Sample #				2017-2309-03-TI-RE	2017-4136-03-TI-RE	2017-4152-04-TI-RE	2017-2005-03-TI-RE	2017-2325-03-TI-RE	
Sample Date				2017/04/10	2017/04/06	2017/04/11	2017/04/07	2017/04/11	
	UNITS	GCDWQ							
Calculated Parameters									
Calculated TDS	mg/L	500	A	170	15	43	42	32	
Hardness (CaCO3)	mg/L			61	7.7	20	7.2	18	
Nitrate (N)	mg/L	10	C	<0.050	<0.050	0.11	0.061	0.12	
Inorganics									
Total Alkalinity (Total as CaCO3)	mg/L			42	<5.0	18	6.5	5.6	
Dissolved Chloride (Cl)	mg/L	250	A	71	7.4	13	18	14	
Colour	TCU	15	A	<5.0	20	47	17	16	
Dissolved Fluoride (F-)	mg/L	1.5	C	0.27	<0.10	<0.10	<0.10	<0.10	
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	0.13	0.16	<0.10	0.20	
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010	
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050	
Dissolved Organic Carbon (C)	mg/L			<0.50	6.7	5.3	4.0	5.9	
Total Organic Carbon (C)	mg/L			<0.50	7.1	5.6	3.7	6.2	
pH	pH	6.5-10.0		7.58	5.77	7.13	6.54	6.29	
Total Phosphorus	mg/L			0.009	<0.004	<0.004	0.004	0.006	
Dissolved Sulphate (SO4)	mg/L			7.4	<2.0	<2.0	<2.0	<2.0	
Turbidity	NTU	1	C	0.29	0.10	0.11	0.29	0.25	
Conductivity	uS/cm			310	35	79	82	65	
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0	
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013	
Total Aluminum (Al)	mg/L			0.0083	0.12	0.092	0.33	0.053	
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Total Barium (Ba)	mg/L	1	C	0.0043	0.0034	<0.0010	0.0064	0.0059	
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050	
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	0.000027	<0.000010	
Total Calcium (Ca)	mg/L			22	2.0	6.6	1.0	5.6	
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Total Copper (Cu)	mg/L	1	A	0.091	0.086	0.028	0.10	0.29	
Total Iron (Fe)	mg/L	0.30	A	<0.050	<0.050	<0.050	0.11	0.18	
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.0011	<0.00050	<0.00050	0.00095	
Total Magnesium (Mg)	mg/L			1.7	0.64	0.89	1.1	1.0	
Total Manganese (Mn)	mg/L	0.05	A	0.025	<0.0020	<0.0020	0.0099	0.011	
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	
Total Potassium (K)	mg/L			0.36	0.32	0.13	0.38	0.21	
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Total Sodium (Na)	mg/L			31	2.4	7.6	13	3.6	
Total Strontium (Sr)	mg/L	4.4*	C	0.27	0.0089	0.0068	0.0097	0.024	
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	<0.0050	0.017	0.0064	
Trihalomethanes (THM)									
Bromodichloromethane	ug/L			<1.0	1.6		1.9	4.1	
Bromoform	ug/L			8.6	<1.0		<1.0	<1.0	
Chloroform	ug/L			<1.0	120		78	300	
Dibromochloromethane	ug/L			<1.0	<1.0		<1.0	<1.0	
Total Trihalomethanes	ug/L	100	C	8.6	121.6		79.9	304.1	
Haloacetic Acids (HAA)									
Monochloroacetic Acid (MCAA)	ug/L			<5.0	5.1		<5.0	6.5	
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0		<5.0	<5.0	
Dichloroacetic Acid (DCAA)	ug/L			<5.0	62		41	93	
Trichloroacetic Acid (TCAA)	ug/L			<5.0	69		42	240	
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0		
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0		
Total haloacetic acids (HAA5)	ug/L	80	C	<5.0	136.1	83.0	339.5		

GCDWQ - Guidelines for Canadian Drinking Water Quality

*Health Canada Guidance Value

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BLUE - Aesthetic exceedance (A)

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Bishop's Falls	Botwood	Brent's Cove	Brighton	Buchans
Serviced Area				Bishop's Falls	Botwood	Brent's Cove	Brighton	Buchans
Water Supply				Northern Arm Lake	Northern Arm Lake	Paddy's Pond	Hynes Cove Pond	Buchans Lake aka Sandy Lake
Sample #				2017-2314-03-TI-RE	2017-2320-03-TI-RE	2017-4141-03-TI-RE	2017-0465-03-TI-RE	2017-2305-03-TI-RE
Sample Date				2017/04/10	2017/04/11	2017/04/10	2017/04/10	2017/04/10
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	42	42	26	76	16
Hardness (CaCO3)	mg/L			26	28	8.4	37	8.6
Nitrate (N)	mg/L	10	C	0.073	0.073	0.059	0.14	0.092
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			12	12	<5.0	35	<5.0
Dissolved Chloride (Cl)	mg/L	250	A	5.6	5.6	11	23	5.3
Colour	TCU	15	A	<5.0	<5.0	180	9.4	31
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	<0.10	0.29	0.17	0.16
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	0.057	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			1.6	1.4	14	5.8	5.0
Total Organic Carbon (C)	mg/L			2.0	1.9	15	6.1	5.1
pH	pH	6.5-10.0		6.80	6.95	5.81	7.32	6.25
Total Phosphorus	mg/L			<0.004	0.005	0.010	0.008	0.006
Dissolved Sulphate (SO4)	mg/L			13	13	<2.0	<2.0	<2.0
Turbidity	NTU	1	C	0.55	0.53	0.99	0.82	0.28
Conductivity	uS/cm			70	75	51	150	32
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.55	0.36	0.39	0.079	0.10
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0030	0.0034	0.0056	0.0057	0.0052
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	0.000025	<0.000010	0.000035
Total Calcium (Ca)	mg/L			9.6	10	2.0	12	2.7
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.14	0.016	0.30	0.036	0.22
Total Iron (Fe)	mg/L	0.30	A	0.060	0.14	1.0	0.080	0.18
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	0.0022	<0.00050	<0.00050
Total Magnesium (Mg)	mg/L			0.59	0.63	0.84	1.8	0.45
Total Manganese (Mn)	mg/L	0.05	A	0.035	0.022	0.15	0.040	0.0046
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.20	0.21	0.35	0.23	0.15
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			1.8	1.8	6.3	14	1.6
Total Strontium (Sr)	mg/L	4.4*	C	0.012	0.014	0.0098	0.017	0.0074
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	0.035	0.020	0.016
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			1.5	1.5		13	<1.0
Bromoform	ug/L			<1.0	<1.0		<1.0	<1.0
Chloroform	ug/L			47	46		260	110
Dibromochloromethane	ug/L			<1.0	<1.0		<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	48.5	47.5	270	110	
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			<5.0	<5.0		6.9	5.4
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0		<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			19	19		100	59
Trichloroacetic Acid (TCAA)	ug/L			23	26		280	66
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0		<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0		<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C	42.0	45.0	386.9	130.4	

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Community				Buchans	Buchans Junction	Burlington	Campbellton	Chanceport
Served Area				Buchans - PWDU	Buchans Junction	Burlington	Campbellton	Chanceport
Water Supply				Buchans Lake aka Sandy Lake	Lapland Pond	Eastern Island Pond	Indian Arm Brook	Bridger's Cove Pond
Sample #				2017-2306-01-TI-RE	2017-2307-03-TI-RE	2017-4132-03-TI-RE	2017-2322-03-TI-RE	2017-0480-02-TI-RE
Sample Date				2017/04/10	2017/04/10	2017/04/06	2017/04/11	2017/04/12
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	16	27	39	60	330
Hardness (CaCO3)	mg/L			7.1	12	10	10	100
Nitrate (N)	mg/L	10	C	0.095	<0.050	0.061	0.13	0.13
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			6.2	13	11	9.9	42
Dissolved Chloride (Cl)	mg/L	250	A	2.4	6.9	13	29	160
Colour	TCU	15	A	19	51	50	28	39
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.16	0.23	0.20	0.13	0.26
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	0.12
Dissolved Organic Carbon (C)	mg/L			4.2	7.9	11	5.8	4.7
Total Organic Carbon (C)	mg/L			4.3	8.2	11	6.2	5.0
pH	pH	6.5-10.0		6.64	6.35	6.80	6.75	6.90
Total Phosphorus	mg/L			<0.004	0.006	0.004	0.005	0.008
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	<2.0	<2.0	23
Turbidity	NTU	1	C	0.29	0.67	0.30	0.30	2.0
Conductivity	uS/cm			23	49	67	120	630
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.091	0.070	0.37	0.099	0.099
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0044	0.013	0.0056	0.0027	0.0081
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	0.000010	<0.000010	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			2.1	3.9	2.7	2.9	30
Total Chromium (Cr)	mg/L	0.05	C	0.0018	<0.0010	0.0012	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.0076	0.049	0.071	0.057	0.022
Total Iron (Fe)	mg/L	0.30	A	0.13	0.61	0.32	0.11	0.52
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.00061	0.00092	0.00077	<0.00050
Total Magnesium (Mg)	mg/L			0.42	0.57	0.78	0.74	6.2
Total Manganese (Mn)	mg/L	0.05	A	0.0027	0.21	0.0059	0.010	0.010
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.11	0.18	0.20	0.26	0.66
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			1.7	4.9	9.7	17	79
Total Strontium (Sr)	mg/L	4.4*	C	0.0063	0.016	0.012	0.013	0.052
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	0.00014	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	0.011	0.0080	0.0057	0.011
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			<1.0	<1.0	3.2	3.4	
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0	
Chloroform	ug/L			<1.0	<1.0	360	260	
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<1.0	
Total Trihalomethanes	ug/L	100	C	<1.0	180	363.2	263.4	
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			<5.0	5.3	8.8	6.7	
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Dichloroacetic Acid (DCAA)	ug/L			<5.0	67	110	90	
Trichloroacetic Acid (TCAA)	ug/L			<5.0	100	180	170	
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Total haloacetic acids (HAA5)	ug/L	80	C	<5.0	172.3	298.8	266.7	

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Community				Change Islands	Comfort Cove-Newstead	Conne River	Cottlesville	Cottrell's Cove
Serviced Area				Change Islands-PWDU	Comfort Cove-Newstead	Conne River	Cottlesville	Cottrell's Cove
Water Supply				#1 Fox Cove Well	Steady Cove Pond	Southwest Brook	Rushy Cove Pond	Cottrell's Pond
Sample #				2017-2011-01-TI-RE	2017-2323-03-TI-RE	2017-2003-03-TI-RE	2017-0479-03-TI-RE	2017-2311-02-TI-RE
Sample Date				2017/04/19	2017/04/11	2017/04/07	2017/04/12	2017/04/10
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	19	45	28	91	90
Hardness (CaCO3)	mg/L			<1.0	21	3.7	57	58
Nitrate (N)	mg/L	10	C	<0.050	0.080	<0.050	0.050	0.091
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			7.3	11	5.1	47	61
Dissolved Chloride (Cl)	mg/L	250	A	6.5	19	13	24	17
Colour	TCU	15	A	<5.0	31	14	41	27
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	0.17	<0.10	0.23	0.25
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	0.10
Dissolved Organic Carbon (C)	mg/L			<0.50	6.5	3.9	9.4	5.5
Total Organic Carbon (C)	mg/L			<0.50	7.1	3.8	9.2	5.8
pH	pH	6.5-10.0		6.57	6.45	6.30	7.11	7.36
Total Phosphorus	mg/L			<0.004	0.008	<0.004	0.008	0.005
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	<2.0	3.0	<2.0
Turbidity	NTU	1	C	0.20	0.66	0.24	0.46	0.43
Conductivity	uS/cm			34	88	57	170	160
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.0055	0.042	0.085	0.069	0.032
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	<0.0010	0.0023	0.0012	0.014	0.014
Total Boron (B)	mg/L	5	C	0.080	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			0.26	5.2	0.78	20	19
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.0062	0.55	0.0053	0.59	0.045
Total Iron (Fe)	mg/L	0.30	A	<0.050	0.26	0.21	0.097	0.13
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.0017	<0.00050	0.0016	<0.00050
Total Magnesium (Mg)	mg/L			<0.10	1.8	0.43	1.9	2.6
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.085	0.017	0.010	0.17
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.69	0.61	<0.10	0.44	0.40
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			6.2	7.6	9.3	11	9.0
Total Strontium (Sr)	mg/L	4.4*	C	<0.0020	0.023	0.0049	0.032	0.031
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	0.0085	<0.0050	0.031	<0.0050
Trihalomethanes (THM)								
Bromodichloromethane	ug/L				4.0	3.2	12	<1.0
Bromoform	ug/L				<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L				140	240	360	12
Dibromochloromethane	ug/L				<1.0	<1.0	<1.0	<1.0
Total Trihalomethanes	ug/L	100	C		144	143.2	372	12
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L				7.7	5.4	6.3	<5.0
Monobromoacetic Acid (MBAA)	ug/L				<5.0	<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L				76	75	79	12
Trichloroacetic Acid (TCAA)	ug/L				93	190	230	<5.0
Bromochloroacetic Acid (BCAA)	ug/L				<5.0	<5.0	<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L				<5.0	<5.0	<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C		176.7	270.4	315.3	12

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Crow Head	Embree	Fairbanks-Hillgrade	Fleur De Lys	Fogo Island
Serviced Area				Crow Head	Embree	Fairbanks-Hillgrade	Fleur De Lys	Tilting
Water Supply				Oars Pond	Troke's Cove Pond	Saltine's Pond	First Pond, Narrow Pond	Sandy Cove Pond
Sample #				2017-0470-03-TI-RE	2017-2302-03-TI-RE	2017-0482-03-TI-RE	2017-4137-03-TI-RE	2017-0473-03-TI-RE
Sample Date				2017/04/11	2017/04/09	2017/04/12	2017/04/10	2017/04/11
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	110	46	58	44	75
Hardness (CaCO3)	mg/L			26	17	19	13	20
Nitrate (N)	mg/L	10	C	0.20	0.089	<0.050	0.061	0.44
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			12	9.0	18	8.3	11
Dissolved Chloride (Cl)	mg/L	250	A	52	21	24	18	35
Colour	TCU	15	A	52	30	26	160	70
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.24	0.19	0.22	0.42	0.27
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			9.1	5.9	8.8	15	9.1
Total Organic Carbon (C)	mg/L			9.8	6.1	8.9	15	9.4
pH	pH	6.5-10.0		6.65	6.40	7.15	6.38	6.63
Total Phosphorus	mg/L			0.008	0.006	0.006	0.010	0.008
Dissolved Sulphate (SO4)	mg/L			6.5	<2.0	<2.0	<2.0	2.5
Turbidity	NTU	1	C	0.30	1.3	0.39	0.34	0.71
Conductivity	uS/cm			220	88	110	86	150
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	0.000015	<0.000013
Total Aluminum (Al)	mg/L			0.18	0.073	0.11	0.42	0.19
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0016	0.0012	0.0040	0.0099	0.0035
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	0.000011	<0.000010	<0.000010	0.000019	0.000022
Total Calcium (Ca)	mg/L			5.1	4.9	5.1	2.9	4.7
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	0.0011	<0.0010
Total Copper (Cu)	mg/L	1	A	0.026	0.24	0.0044	0.18	0.046
Total Iron (Fe)	mg/L	0.30	A	0.22	0.32	0.078	0.61	0.52
Total Lead (Pb)	mg/L	0.01	C	0.0028	<0.00050	<0.00050	0.0019	0.00057
Total Magnesium (Mg)	mg/L			3.3	1.2	1.4	1.3	2.0
Total Manganese (Mn)	mg/L	0.05	A	0.0050	0.030	0.0047	0.052	0.44
Total Nickel (Ni)	mg/L			0.0021	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.98	0.35	0.31	0.56	0.65
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			28	9.2	14	11	18
Total Strontium (Sr)	mg/L	4.4*	C	0.020	0.016	0.015	0.012	0.019
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	0.00015	<0.00010
Total Zinc (Zn)	mg/L	5	A	0.0052	0.0069	<0.0050	0.025	0.023
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			7.3	4.6	6.9	1.5	6.2
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L			110	130	200	110	250
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	120	134.6	206.9	111.5	250
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			9.5	<5.0	7.5	7.8	6.9
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			72	32	75	69	93
Trichloroacetic Acid (TCAA)	ug/L			60	49	120	51	160
Bromochloroacetic Acid (BCAA)	ug/L			6.8	<5.0	<5.0	<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C	141.5	81	202.5	127.8	259.9

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Fogo Island	Fogo Island	Fogo Island	Grand Falls-Windsor
Serviced Area				Joe Batt's Arm-Barr'd Islands-Shoal Bay	Seldom-Little Seldom	Fogo	Grand Falls-Windsor
Water Supply				Long Pond	Bullock Cove Pond	Freeman's Pond	Northern Arm Lake
Sample #				2017-0474-03-TI-RE	2017-0475-03-TI-RE	2017-0476-03-TI-RE	2017-2304-03-TI-RE
Sample Date				2017/04/11	2017/04/11	2017/04/11	2017/04/09
	UNITS	GCDWQ					
Calculated Parameters							
Calculated TDS	mg/L	500	A	47	57	65	42
Hardness (CaCO3)	mg/L			8.4	13	13	26
Nitrate (N)	mg/L	10	C	0.10	0.070	0.084	0.074
Inorganics							
Total Alkalinity (Total as CaCO3)	mg/L			<5.0	10	<5.0	12
Dissolved Chloride (Cl)	mg/L	250	A	26	27	35	5.2
Colour	TCU	15	A	38	77	120	<5.0
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.21	0.28	0.35	<0.10
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	0.066	<0.050
Dissolved Organic Carbon (C)	mg/L			6.2	9.2	15	1.5
Total Organic Carbon (C)	mg/L			6.5	10	16	1.8
pH	pH	6.5-10.0		5.67	6.48	4.98	6.80
Total Phosphorus	mg/L			0.007	0.009	0.016	<0.004
Dissolved Sulphate (SO4)	mg/L			2.5	<2.0	2.3	13
Turbidity	NTU	1	C	0.50	0.63	0.93	0.66
Conductivity	uS/cm			100	110	140	69
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	0.000015	<0.000013
Total Aluminum (Al)	mg/L			0.17	0.20	0.58	0.56
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	0.0016	0.0013	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0022	0.0030	0.0044	0.0032
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	0.000026	0.000024	0.000050	<0.000010
Total Calcium (Ca)	mg/L			1.3	2.7	2.1	9.5
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	0.0016	<0.0010
Total Copper (Cu)	mg/L	1	A	0.054	2.3	0.39	0.014
Total Iron (Fe)	mg/L	0.30	A	0.18	0.60	1.0	0.076
Total Lead (Pb)	mg/L	0.01	C	0.0066	<0.00050	0.0023	0.00091
Total Magnesium (Mg)	mg/L			1.3	1.4	1.8	0.63
Total Manganese (Mn)	mg/L	0.05	A	0.14	0.13	0.20	0.031
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.50	0.44	0.54	0.17
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			12	14	16	1.9
Total Strontium (Sr)	mg/L	4.4*	C	0.010	0.014	0.014	0.012
Total Uranium (U)	mg/L	0.02	C	0.00014	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	0.038	0.015	0.023	<0.0050
Trihalomethanes (THM)							
Bromodichloromethane	ug/L			1.8	9.6	1.5	1.6
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L			84	320	140	55
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<2.0
Total Trihalomethanes	ug/L	100	C	86	330	140	56.6
Haloacetic Acids (HAA)							
Monochloroacetic Acid (MCAA)	ug/L			6.5	8.4	12	<5.0
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			83	61	130	17
Trichloroacetic Acid (TCAA)	ug/L			74	110	110	23
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0
Total haloacetic acids (HAAS)	ug/L	80	C	163.5	179.4	252	40

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017				Harbour Breton	Harry's Harbour	Harry's Harbour
Serviced Area				Harbour Breton	Harry's Harbour	Harry's Harbour
Water Supply				Connaigra Pond, Hutchings Pond	#2 Well-Northwest Hill/Country Road	#1C Well-Northeast Well
Sample #				2017-2010-03-TI-RE	2017-4145-03-TI-RE	2017-4146-02-TI-RE
Sample Date				2017/04/08	2017/04/11	2017/04/11
	UNITS	GCDWQ				
Calculated Parameters						
Calculated TDS	mg/L	500	A	42	210	160
Hardness (CaCO3)	mg/L			23	110	84
Nitrate (N)	mg/L	10	C	0.083	<0.050	<0.050
Inorganics						
Total Alkalinity (Total as CaCO3)	mg/L			14	110	98
Dissolved Chloride (Cl)	mg/L	250	A	15	38	16
Colour	TCU	15	A	31	<5.0	<5.0
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	<0.10	<0.10
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			4.8	1.1	0.52
Total Organic Carbon (C)	mg/L			4.8	1.3	0.57
pH	pH	6.5-10.0		6.92	8.06	8.01
Total Phosphorus	mg/L			<0.004	0.005	0.006
Dissolved Sulphate (SO4)	mg/L			<2.0	18	18
Turbidity	NTU	1	C	0.38	0.19	0.24
Conductivity	uS/cm			87	340	240
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.15	0.022	0.0088
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	0.0033
Total Barium (Ba)	mg/L	1	C	0.0027	0.0014	0.0049
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	0.000010	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			6.5	27	28
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.040	<0.0020	0.0065
Total Iron (Fe)	mg/L	0.30	A	0.13	<0.050	<0.050
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	<0.00050
Total Magnesium (Mg)	mg/L			1.8	9.6	3.2
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.021	<0.0020
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.21	1.9	0.86
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			7.7	29	19
Total Strontium (Sr)	mg/L	4.4*	C	0.016	0.14	0.054
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	0.00030
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	<0.0050
Trihalomethanes (THM)						
Bromodichloromethane	ug/L			3.4		
Bromoform	ug/L			<1.0		
Chloroform	ug/L			110		
Dibromochloromethane	ug/L			<1.0		
Total Trihalomethanes	ug/L	100	C	113.4		
Haloacetic Acids (HAA)						
Monochloroacetic Acid (MCAA)	ug/L			<5.0		
Monobromoacetic Acid (MBAA)	ug/L			<5.0		
Dichloroacetic Acid (DCAA)	ug/L			40		
Trichloroacetic Acid (TCAA)	ug/L			45		
Bromochloroacetic Acid (BCAA)	ug/L			<5.0		
Dibromoacetic Acid (DBAA)	ug/L			<5.0		
Total haloacetic acids (HAA5)	ug/L	80	C	85.0		

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Community				Harry's Harbour	Hermitage-Sandyville	Hermitage-Sandyville
Serviced Area				Harry's Harbour	Hermitage-Sandyville	Hermitage-Sandyville - PWDU
Water Supply				#3 Well-South Well	Granfer's Pond	Granfer's Pond
Sample #				2017-4147-03-TI-RE	2017-2009-03-HA-RE	2017-2008-01-TI-RE
Sample Date				2017/04/11	2017/04/08	2017/04/08
	UNITS	GCDWQ				
Calculated Parameters						
Calculated TDS	mg/L	500	A	170	31	4.0
Hardness (CaCO3)	mg/L			110	7.9	<1.0
Nitrate (N)	mg/L	10	C	0.061	<0.050	<0.050
Inorganics						
Total Alkalinity (Total as CaCO3)	mg/L			100	<5.0	<5.0
Dissolved Chloride (Cl)	mg/L	250	A	27	18	4.4
Colour	TCU	15	A	<5.0	30	<5.0
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	0.13	<0.10
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			<0.50	7.7	<0.50
Total Organic Carbon (C)	mg/L			<0.50	7.8	<0.50
pH	pH	6.5-10.0		7.86	4.06	4.42
Total Phosphorus	mg/L			0.005	0.006	<0.004
Dissolved Sulphate (SO4)	mg/L			14	<2.0	<2.0
Turbidity	NTU	1	C	0.11	0.34	0.18
Conductivity	uS/cm			290	100	52
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.0078	0.44	0.011
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	0.0021	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.013	0.0029	<0.0010
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	0.000026	<0.000010
Total Calcium (Ca)	mg/L			39	1.6	<0.10
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.0055	0.22	0.034
Total Iron (Fe)	mg/L	0.30	A	<0.050	0.48	<0.050
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.00082	0.0015
Total Magnesium (Mg)	mg/L			3.9	0.97	<0.10
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.036	<0.0020
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			1.0	0.24	<0.10
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			14	6.7	<0.10
Total Strontium (Sr)	mg/L	4.4*	C	0.087	0.0085	<0.0020
Total Uranium (U)	mg/L	0.02	C	0.00022	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	0.015	0.0051
Trihalomethanes (THM)						
Bromodichloromethane	ug/L				1.3	2.1
Bromoform	ug/L				<1.0	<1.0
Chloroform	ug/L				150	74
Dibromochloromethane	ug/L				<1.0	<1.0
Total Trihalomethanes	ug/L	100	C		151.3	76.1
Haloacetic Acids (HAA)						
Monochloroacetic Acid (MCAA)	ug/L				9.2	<5.0
Monobromoacetic Acid (MBAA)	ug/L				<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L				160	<5.0
Trichloroacetic Acid (TCAA)	ug/L				260	<5.0
Bromochloroacetic Acid (BCAA)	ug/L				<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L				<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C		429.2	<5.0

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Herring Neck	Jackson's Cove-Langdon's Cove-Silverdale	
Serviced Area				Herring Neck, Hatchet Harbour, Salt Harbour, Shoal Cove, Sunnyside	Langdon's Cove	
Water Supply				Gut Pond	#3 Well Langdon's Cove Well	
Sample #				2017-0484-03-TI-RE	2017-4148-02-TI-RE	
Sample Date				2017/04/12	2017/04/11	
	UNITS	GCDWQ				
Calculated Parameters						
Calculated TDS	mg/L	500	A	120	180	
Hardness (CaCO3)	mg/L			40	72	
Nitrate (N)	mg/L	10	C	0.11	<0.050	
Inorganics						
Total Alkalinity (Total as CaCO3)	mg/L			32	130	
Dissolved Chloride (Cl)	mg/L	250	A	51	14	
Colour	TCU	15	A	21	<5.0	
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	0.16	
Total Kjeldahl Nitrogen (TKN)	mg/L			0.24	<0.10	
Nitrite (N)	mg/L	1		<0.010	<0.010	
Nitrogen (Ammonia Nitrogen)	mg/L			0.092	<0.050	
Dissolved Organic Carbon (C)	mg/L			7.0	0.75	
Total Organic Carbon (C)	mg/L			7.4	0.80	
pH	pH	6.5-10.0		7.34	8.07	
Total Phosphorus	mg/L			0.005	<0.004	
Dissolved Sulphate (SO4)	mg/L			7.1	13	
Turbidity	NTU	1	C	0.20	0.20	
Conductivity	uS/cm			230	300	
Bromide (Br-)	mg/L			<1.0	<1.0	
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	
Total Aluminum (Al)	mg/L			0.046	0.0070	
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	
Total Arsenic (As)	mg/L	0.01	C	<0.0010	0.0046	
Total Barium (Ba)	mg/L	1	C	0.0017	0.0077	
Total Boron (B)	mg/L	5	C	<0.050	<0.050	
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	
Total Calcium (Ca)	mg/L			10	20	
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	
Total Copper (Cu)	mg/L	1	A	0.010	<0.0020	
Total Iron (Fe)	mg/L	0.30	A	<0.050	<0.050	
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	
Total Magnesium (Mg)	mg/L			3.4	5.3	
Total Manganese (Mn)	mg/L	0.05	A	0.0049	0.0050	
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	
Total Potassium (K)	mg/L			0.58	2.2	
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	
Total Sodium (Na)	mg/L			27	39	
Total Strontium (Sr)	mg/L	4.4*	C	0.022	0.11	
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	
Trihalomethanes (THM)						
Bromodichloromethane	ug/L			6.7		
Bromoform	ug/L			<1.0		
Chloroform	ug/L			94		
Dibromochloromethane	ug/L			<1.0		
Total Trihalomethanes	ug/L	100	C	100.7		
Haloacetic Acids (HAA)						
Monochloroacetic Acid (MCAA)	ug/L			5.7		
Monobromoacetic Acid (MBAA)	ug/L			<5.0		
Dichloroacetic Acid (DCAA)	ug/L			47		
Trichloroacetic Acid (TCAA)	ug/L			60		
Bromochloroacetic Acid (BCAA)	ug/L			<5.0		
Dibromoacetic Acid (DBAA)	ug/L			<5.0		
Total haloacetic acids (HAA5)	ug/L	80	C	112.7		

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Jackson's Cove-Langdon's Cove-Silverdale	King's Point	La Scie	Leading Tickle
Serviced Area				Silverdale, Nickey's Nose Cove	King's Point	La Scie	Leading Tickle
Water Supply				Nickey's Nose Cove Pond	Bulley's Pond	Stakes Pond	Cook's Pond
Sample #				2017-4149-03-TI-RE	2017-4151-03-TI-RE	2017-4140-03-TI-RE	2017-2315-03-TI-RE
Sample Date				2017/04/11	2017/04/11	2017/04/10	2017/04/11
	UNITS	GCDWQ					
Calculated Parameters							
Calculated TDS	mg/L	500	A	52	16	32	46
Hardness (CaCO3)	mg/L			19	5.6	9.3	15
Nitrate (N)	mg/L	10	C	<0.050	0.062	0.059	0.12
Inorganics							
Total Alkalinity (Total as CaCO3)	mg/L			17	<5.0	7.1	12
Dissolved Chloride (Cl)	mg/L	250	A	18	7.1	14	18
Colour	TCU	15	A	13	31	28	56
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.17	0.15	0.19	0.27
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	0.071
Dissolved Organic Carbon (C)	mg/L			3.5	6.8	4.8	8.0
Total Organic Carbon (C)	mg/L			3.6	6.9	5.0	8.3
pH	pH	6.5-10.0		7.12	5.24	6.58	6.62
Total Phosphorus	mg/L			<0.004	0.006	0.004	0.010
Dissolved Sulphate (SO4)	mg/L			2.8	<2.0	<2.0	<2.0
Turbidity	NTU	1	C	0.25	1.8	0.29	0.48
Conductivity	uS/cm			98	45	63	82
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.035	0.21	0.094	0.31
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0020	0.0036	0.0037	0.0032
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	0.000015	0.000017	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			5.8	1.7	2.4	3.9
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.0024	0.067	0.030	0.12
Total Iron (Fe)	mg/L	0.30	A	<0.050	0.24	<0.050	0.39
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.0012	0.00077	<0.00050
Total Magnesium (Mg)	mg/L			1.1	0.35	0.84	1.3
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.013	0.0028	0.065
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.27	0.22	0.28	0.31
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			12	1.8	8.3	10
Total Strontium (Sr)	mg/L	4.4*	C	0.0099	0.0050	0.011	0.018
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	0.013	0.0084	<0.0050
Trihalomethanes (THM)							
Bromodichloromethane	ug/L				<1.0		1.6
Bromoform	ug/L				<1.0		<1.0
Chloroform	ug/L				96		71
Dibromochloromethane	ug/L				<1.0		<1.0
Total Trihalomethanes	ug/L	100	C		96		72.6
Haloacetic Acids (HAA)							
Monochloroacetic Acid (MCAA)	ug/L				8.8		5.0
Monobromoacetic Acid (MBAA)	ug/L				<5.0		<5.0
Dichloroacetic Acid (DCAA)	ug/L				110		42
Trichloroacetic Acid (TCAA)	ug/L				120		29
Bromochloroacetic Acid (BCAA)	ug/L				<5.0		<5.0
Dibromoacetic Acid (DBAA)	ug/L				<5.0		<5.0
Total haloacetic acids (HAA5)	ug/L	80	C		238.8		76.0

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Community				Leading Tickles	Lewisporte	Little Bay	Little Bay	Little Bay Islands
Serviced Area				Leading Tickles - PWDU	Lewisporte	Little Bay	Little Bay	Little Bay Islands
Water Supply				Cook's Pond	Stanhope Pond	First Pond	Mine Pond	Jones' Pond & Gull Pond
Sample #				2017-2316-01-TI-RE	2017-2300-03-TI-RE	2017-4153-03-TI-RE	2017-4154-03-TI-RE	2017-2012-03-TI-RE
Sample Date				2017/04/11	2017/04/09	2017/04/11	2017/04/11	2017/05/02
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	4.0	34	34	97	90
Hardness (CaCO3)	mg/L			<1.0	16	21	61	29
Nitrate (N)	mg/L	10	C	<0.050	0.11	0.37	0.25	<0.050
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			<5.0	11	19	37	25
Dissolved Chloride (Cl)	mg/L	250	A	2.0	11	5.8	11	34
Colour	TCU	15	A	<5.0	40	19	22	82
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	0.23	0.12	0.19	0.34
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	0.087	<0.050
Dissolved Organic Carbon (C)	mg/L			0.55	6.5	2.9	4.2	11
Total Organic Carbon (C)	mg/L			0.57	6.5	2.9	4.3	11
pH	pH	6.5-10.0		6.16	6.32	7.04	7.14	6.61
Total Phosphorus	mg/L			0.005	0.006	0.004	0.005	0.011
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	<2.0	29	<2.0
Turbidity	NTU	1	C	<0.10	0.29	0.19	0.45	1.2
Conductivity	uS/cm			11	61	56	160	170
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.019	0.080	0.055	0.057	0.24
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	<0.0010	0.0028	<0.0010	0.0027	0.013
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	0.000047	0.000012
Total Calcium (Ca)	mg/L			0.30	4.8	6.8	20	8.9
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.0063	0.10	0.011	0.068	0.035
Total Iron (Fe)	mg/L	0.30	A	<0.050	0.31	<0.050	0.14	2.4
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	<0.00050	0.00064	0.00059
Total Magnesium (Mg)	mg/L			<0.10	1.0	0.84	2.6	1.7
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.012	<0.0020	0.016	0.89
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			<0.10	0.24	<0.10	0.21	0.38
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			1.4	4.8	3.7	7.3	22
Total Strontium (Sr)	mg/L	4.4*	C	<0.0020	0.018	0.0054	0.018	0.022
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	<0.0050	0.016	0.016
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			1.9	3.3	<1.0	1.1	5.4
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L			25	160	27	69	240
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	26.9	163.3	27	70.1	245.4
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			<5.0	<5.0	<5.0	5.7	8.1
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			<5.0	22	15	40	100
Trichloroacetic Acid (TCAA)	ug/L			<5.0	39	8.6	39	170
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C	<5.0	61.0	23.6	84.7	278.1

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Community				Little Burnt Bay	Loon Bay	Lushes Bight, Beaumont	Merritt's Harbour	Middle Arm	
Serviced Area				Little Burnt Bay	Loon Bay	Lushes Bight, Beaumont	Merritt's Harbour	Middle Arm	
Water Supply				Troke's Cove Pond	Southeast Pond	Milkboy's Pond/Gull Pond	Jimmy's Pond	Dam Pond Brook	
Sample #				2017-2301-03-TI-RE	2017-2324-03-TI-RE	2017-0468-03-TI-RE	2017-0483-03-TI-RE	2017-4131-03-TI-RE	
Sample Date				2017/04/09	2017/04/11	2017/04/10	2017/04/12	2017/04/06	
	UNITS	GCDWQ							
Calculated Parameters									
Calculated TDS	mg/L	500	A	45	37	44	90	24	
Hardness (CaCO3)	mg/L			16	16	14	25	10	
Nitrate (N)	mg/L	10	C	0.086	0.14	0.088	0.13	0.10	
Inorganics									
Total Alkalinity (Total as CaCO3)	mg/L			8.8	16	12	18	10	
Dissolved Chloride (Cl)	mg/L	250	A	20	10	17	39	4.7	
Colour	TCU	15	A	20	20	50	55	34	
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10	
Total Kjeldahl Nitrogen (TKN)	mg/L			0.18	0.15	0.20	0.30	0.13	
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010	
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050	
Dissolved Organic Carbon (C)	mg/L			6.0	5.2	8.8	10	6.0	
Total Organic Carbon (C)	mg/L			6.0	5.6	9.2	11	6.6	
pH	pH	6.5-10.0		6.53	7.01	6.63	6.89	6.85	
Total Phosphorus	mg/L			0.006	0.006	0.006	0.006	<0.004	
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	<2.0	4.3	<2.0	
Turbidity	NTU	1	C	0.27	0.55	0.29	0.25	0.13	
Conductivity	uS/cm			89	71	79	180	34	
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0	
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013	
Total Aluminum (Al)	mg/L			0.049	0.078	0.18	0.16	0.14	
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Total Barium (Ba)	mg/L	1	C	0.0010	0.0020	0.0054	0.0034	0.0012	
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050	
Total Cadmium (Cd)	mg/L	0.005	C	0.000021	<0.000010	<0.000010	<0.000010	<0.000010	
Total Calcium (Ca)	mg/L			4.6	4.8	4.1	5.6	3.4	
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	0.0021	<0.0010	<0.0010	
Total Copper (Cu)	mg/L	1	A	0.027	0.081	0.12	0.084	0.011	
Total Iron (Fe)	mg/L	0.30	A	0.21	0.088	0.28	0.18	0.20	
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	0.00082	0.00061	<0.00050	
Total Magnesium (Mg)	mg/L			1.0	0.90	0.98	2.6	0.49	
Total Manganese (Mn)	mg/L	0.05	A	0.0045	0.024	0.085	0.0079	0.0039	
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	
Total Potassium (K)	mg/L			0.35	0.25	0.20	0.50	0.14	
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
Total Sodium (Na)	mg/L			8.8	7.8	11	24	3.6	
Total Strontium (Sr)	mg/L	4.4*	C	0.015	0.017	0.013	0.016	0.0085	
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010	0.00013	
Total Zinc (Zn)	mg/L	5	A	0.0060	<0.0050	0.018	0.015	<0.0050	
Trihalomethanes (THM)									
Bromodichloromethane	ug/L			5.9	3.2			8.3	<1.0
Bromoform	ug/L			<1.0	<1.0			<1.0	<1.0
Chloroform	ug/L			170	160			180	52
Dibromochloromethane	ug/L			<1.0	<1.0			<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	175.9	163.2		188.3	52	
Haloacetic Acids (HAA)									
Monochloroacetic Acid (MCAA)	ug/L			<5.0	5.7			5.5	<5.0
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0			<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			20	63			56	18
Trichloroacetic Acid (TCAA)	ug/L			51	97			100	13
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0		<5.0	<5.0	
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0		<5.0	<5.0	
Total haloacetic acids (HAA5)	ug/L	80	C	71	165.7		161.5	31.0	

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Community				Miles Cove	Millertown	Milltown, Head of Bay D'Espoir	Ming's Bight
Serviced Area				Miles Cove	Millertown	Milltown, Head of Bay D'Espoir	Ming's Bight
Water Supply				Paddock's Pond	Water Pond	Jersey Pond	Middle Brook Pond
Sample #				2017-0463-03-TI-RE	2017-2308-02-TI-RE	2017-2001-03-TI-RE	2017-4155-03-TI-RE
Sample Date				2017/04/09	2017/04/10	2017/04/07	2017/04/13
	UNITS	GCDWQ					
Calculated Parameters							
Calculated TDS	mg/L	500	A	29	47	32	33
Hardness (CaCO3)	mg/L			16	23	17	21
Nitrate (N)	mg/L	10	C	0.099	<0.050	0.081	0.062
Inorganics							
Total Alkalinity (Total as CaCO3)	mg/L			8.5	24	7.4	15
Dissolved Chloride (Cl)	mg/L	250	A	10	10	10	9.2
Colour	TCU	15	A	41	120	14	25
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.22	0.34	<0.10	0.19
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	0.054	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			7.7	12	3.3	5.2
Total Organic Carbon (C)	mg/L			8.0	13	3.3	5.4
pH	pH	6.5-10.0		6.69	6.63	6.29	6.72
Total Phosphorus	mg/L			0.004	0.009	<0.004	0.008
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	3.0	<2.0
Turbidity	NTU	1	C	0.33	0.59	0.35	0.22
Conductivity	uS/cm			56	79	57	65
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.12	0.26	0.043	0.063
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	<0.0010	0.065	0.0019	<0.0010
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	0.000015	<0.000010	0.000013
Total Calcium (Ca)	mg/L			5.0	7.7	4.4	6.2
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.084	0.051	0.014	0.24
Total Iron (Fe)	mg/L	0.30	A	0.13	2.2	0.25	<0.050
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.00071	<0.00050	0.00062
Total Magnesium (Mg)	mg/L			0.91	0.92	1.5	1.4
Total Manganese (Mn)	mg/L	0.05	A	0.0087	1.1	0.0030	0.0069
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.15	0.27	0.20	0.14
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			4.1	6.4	3.5	4.3
Total Strontium (Sr)	mg/L	4.4*	C	0.0075	0.024	0.023	0.013
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	0.0065	<0.0050	<0.0050
Trihalomethanes (THM)							
Bromodichloromethane	ug/L			2.1	<1.0	2.2	2.2
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L			150	120	150	68
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	150	120	152.2	70.2
Haloacetic Acids (HAA)							
Monochloroacetic Acid (MCAA)	ug/L			6.0	7.3	<5.0	5.0
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			72	68	60	34
Trichloroacetic Acid (TCAA)	ug/L			80	70	100	31
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C	158	145.3	160	70

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Morrisville	Nippers Harbour	Norris Arm (south)	Northern Arm	Pacquet
Serviced Area				Morrisville	Nippers Harbour	Norris Arm (south)	Northern Arm	Pacquet
Water Supply				Morrisville Pond	Blackhead Pond Brook	Mill Lake	Northern Arm Lake	Big Brook
Sample #				2017-2002-02-TI-RE	2017-4142-03-TI-RE	2017-2321-03-TI-RE	2017-2319-03-TI-RE	2017-4143-03-TI-RE
Sample Date				2017/04/07	2017/04/10	2017/04/11	2017/04/11	2017/04/10
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	36	19	21	41	21
Hardness (CaCO3)	mg/L			18	7.9	9.2	26	4.6
Nitrate (N)	mg/L	10	C	0.072	0.082	0.058	0.076	<0.050
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			13	6.3	9.0	12	<5.0
Dissolved Chloride (Cl)	mg/L	250	A	9.8	6.0	4.2	5.4	9.3
Colour	TCU	15	A	44	60	36	<5.0	120
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.11	0.21	<0.10	<0.10	0.23
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			4.4	6.2	3.9	1.4	9.9
Total Organic Carbon (C)	mg/L			4.5	6.4	4.2	1.6	10
pH	pH	6.5-10.0		6.97	6.39	6.88	6.84	6.72
Total Phosphorus	mg/L			<0.004	0.005	0.005	<0.004	0.007
Dissolved Sulphate (SO4)	mg/L			2.6	<2.0	<2.0	12	<2.0
Turbidity	NTU	1	C	0.21	0.30	0.30	0.21	0.47
Conductivity	uS/cm			64	33	32	70	42
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.065	0.24	0.052	0.043	0.38
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0023	0.0028	0.0020	0.0074	0.0022
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	<0.000010	0.000015
Total Calcium (Ca)	mg/L			4.9	2.3	2.5	9.4	0.81
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.0068	0.12	0.14	0.19	0.20
Total Iron (Fe)	mg/L	0.30	A	0.17	0.12	0.11	<0.050	0.33
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.0013	<0.00050	0.00053	0.00054
Total Magnesium (Mg)	mg/L			1.3	0.53	0.72	0.65	0.63
Total Manganese (Mn)	mg/L	0.05	A	0.0054	0.026	0.012	0.022	0.021
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.20	0.20	0.34	0.20	0.31
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			5.7	3.0	2.4	1.8	5.9
Total Strontium (Sr)	mg/L	4.4*	C	0.027	0.0046	0.0064	0.013	0.0041
Total Uranium (U)	mg/L	0.02	C	<0.00010	0.00011	<0.00010	<0.00010	0.00046
Total Zinc (Zn)	mg/L	5	A	<0.0050	0.0099	<0.0050	0.0076	0.0082
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			<1.0	<1.0	<1.0	1.7	<1.0
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L			24	<1.0	2.0	51	18
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	24	<2.0	2.0	52.7	18
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			12	<5.0	<5.0	21	11
Trichloroacetic Acid (TCAA)	ug/L			5.2	<5.0	<5.0	29	<5.0
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C	17.2	<5.0	<5.0	50	11

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Pacquet	Peterview	Phillips Head	Pilley's Island	Pleasantview
Serviced Area				Pacquet - PWDU	Peterview	Phillips Head	Pilley's Island	Pleasantview
Water Supply				Big Brook	Northern Arm Lake	Dogberry Brook	Loadabats Pond	Little Arm Pond
Sample #				2017-4160-01-TI-RE	2017-2303-03-TI-RE	2017-2313-03-TI-RE	2017-0467-03-TI-RE	2017-2318-04-TI-RE
Sample Date				2017/04/26	2017/04/09	2017/04/10	2017/04/10	2017/04/11
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	<1.0	42	24	120	55
Hardness (CaCO3)	mg/L			<1.0	28	8.3	73	19
Nitrate (N)	mg/L	10	C	<0.050	0.075	0.10	0.14	0.061
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			<5.0	13	7.1	71	22
Dissolved Chloride (Cl)	mg/L	250	A	<1.0	5.2	7.5	29	19
Colour	TCU	15	A	<5.0	<5.0	69	11	42
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.17	<0.10	0.20	0.23	0.21
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			<0.50	1.6	8.3	4.6	7.1
Total Organic Carbon (C)	mg/L			<0.50	1.8	8.6	4.9	7.6
pH	pH	6.5-10.0		6.23	6.86	6.55	7.48	6.70
Total Phosphorus	mg/L			<0.004	<0.004	0.010	0.008	0.009
Dissolved Sulphate (SO4)	mg/L			<2.0	13	<2.0	<2.0	<2.0
Turbidity	NTU	1	C	0.19	0.35	0.45	0.99	0.70
Conductivity	uS/cm			3.0	71	41	230	100
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.0059	0.40	0.20	0.056	0.084
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	<0.0010	0.0032	0.0032	0.055	0.0019
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			<0.10	9.9	2.5	24	5.6
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.0036	0.0062	<0.0020	0.21	0.070
Total Iron (Fe)	mg/L	0.30	A	<0.050	<0.050	0.16	0.077	0.50
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	<0.00050	0.00054	0.00077
Total Magnesium (Mg)	mg/L			<0.10	0.64	0.53	3.2	1.3
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.022	0.010	0.011	0.32
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			<0.10	0.17	0.16	0.63	0.38
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			0.33	1.9	4.4	14	12
Total Strontium (Sr)	mg/L	4.4*	C	<0.0020	0.014	0.0081	0.046	0.016
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	<0.0050	<0.0050	0.0090
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			<1.0	1.3	<1.0	7.9	4.3
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/L			17	49	91	130	200
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	17	50.3	91	140	204.3
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			<5.0	<5.0	6.0	<5.0	6.2
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			<5.0	16	52	44	85
Trichloroacetic Acid (TCAA)	ug/L			<5.0	22	34	59	140
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C	<5.0	38	92	103	231.2

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Community				Point Leamington	Point of Bay	Pool's Cove	Port Albert	Port Anson
Serviced Area				Point Leamington	Point of Bay	Pool's Cove	Port Albert	Port Anson
Water Supply				Little Pond	Indian Cove Pond	Widgeon Pond	Beaverton Pond	Anchor Pond
Sample #				2017-2317-03-TI-RE	2017-2312-03-TI-RE	2017-2004-03-TI-RE	2017-0472-03-TI-RE	2017-0462-04-TI-RE
Sample Date				2017/04/11	2017/04/10	2017/04/07	2017/04/11	2017/04/09
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	25	57	43	67	66
Hardness (CaCO3)	mg/L			11	30	18	30	26
Nitrate (N)	mg/L	10	C	0.092	0.13	0.052	0.060	<0.050
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			5.9	28	17	28	27
Dissolved Chloride (Cl)	mg/L	250	A	9.1	16	13	23	18
Colour	TCU	15	A	28	24	16	44	160
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.11	0.14	0.13	0.26	0.35
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			5.2	5.0	4.0	6.1	12
Total Organic Carbon (C)	mg/L			5.5	5.1	4.0	6.4	13
pH	pH	6.5-10.0		6.19	7.45	6.66	6.83	7.07
Total Phosphorus	mg/L			0.004	0.005	0.008	0.007	0.010
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	<2.0	<2.0	<2.0
Turbidity	NTU	1	C	0.43	0.23	0.44	0.45	0.89
Conductivity	uS/cm			43	110	81	130	110
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.097	0.062	0.15	0.039	0.23
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0015	0.0020	0.0044	0.0026	0.0080
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	0.000011	0.000010
Total Calcium (Ca)	mg/L			3.4	9.7	4.5	9.7	8.3
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	0.0014
Total Copper (Cu)	mg/L	1	A	0.15	0.091	0.080	0.027	0.064
Total Iron (Fe)	mg/L	0.30	A	0.12	0.12	0.31	0.27	4.6
Total Lead (Pb)	mg/L	0.01	C	0.00066	<0.00050	0.0029	<0.00050	0.0092
Total Magnesium (Mg)	mg/L			0.72	1.3	1.6	1.4	1.3
Total Manganese (Mn)	mg/L	0.05	A	0.0042	0.0030	0.055	0.48	1.1
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.19	0.20	0.37	0.27	0.30
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			3.5	8.2	9.4	12	12
Total Strontium (Sr)	mg/L	4.4*	C	0.012	0.019	0.018	0.027	0.011
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	0.00014	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	0.0054	0.010	0.0077	0.033	0.013
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			3.1	3.2	2.2	3.7	
Bromoform	ug/L			<1.0	<1.0	<1.0	<1.0	
Chloroform	ug/L			190	140	100	74	
Dibromochloromethane	ug/L			<1.0	<1.0	<1.0	<1.0	
Total Trihalomethanes	ug/L	100	C	193.1	143.2	102.2	78	
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Monobromoacetic Acid (MBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Dichloroacetic Acid (DCAA)	ug/L			80	44	44	43	
Trichloroacetic Acid (TCAA)	ug/L			100	57	53	37	
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Total haloacetic acids (HAA5)	ug/L	80	C	180	101	97	80	

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

COMMUNITY OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017				Purcell's Harbour	Rattling Brook	Robert's Arm	Seal Cove, F.B.
Serviced Area				Purcell's Harbour	Rattling Brook	Robert's Arm	Seal Cove, F.B.
Water Supply				Purcell's Harbour Pond	Mark's Pond Brook	Young's Pond/Dam Pond	Big Black Duck Pond
Sample #				2017-0471-03-TI-RE	2017-4150-03-TI-RE	2017-0464-03-TI-RE	2017-2006-03-TI-RE
Sample Date				2017/04/11	2017/04/11	2017/04/10	2017/04/08
	UNITS	GCDWQ					
Calculated Parameters							
Calculated TDS	mg/L	500	A	120	11	51	23
Hardness (CaCO3)	mg/L			24	4.0	36	8.4
Nitrate (N)	mg/L	10	C	0.073	<0.050	0.15	<0.050
Inorganics							
Total Alkalinity (Total as CaCO3)	mg/L			8.7	<5.0	32	<5.0
Dissolved Chloride (Cl)	mg/L	250	A	65	3.6	9.5	12
Colour	TCU	15	A	100	64	14	92
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.28	0.11	0.17	<0.10
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			11	6.0	3.2	6.4
Total Organic Carbon (C)	mg/L			11	6.2	3.6	6.6
pH	pH	6.5-10.0		6.41	6.20	7.22	6.09
Total Phosphorus	mg/L			0.008	0.006	0.006	0.006
Dissolved Sulphate (SO4)	mg/L			3.0	<2.0	<2.0	<2.0
Turbidity	NTU	1	C	0.26	0.36	0.30	0.35
Conductivity	uS/cm			230	18	97	53
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.29	0.28	0.048	0.24
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0039	0.0026	0.036	0.0027
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	0.000012	0.000027	<0.000010	0.000014
Total Calcium (Ca)	mg/L			5.7	1.1	12	2.0
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.027	0.0039	0.23	0.14
Total Iron (Fe)	mg/L	0.30	A	0.55	0.22	0.17	0.30
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	<0.00050	<0.00050
Total Magnesium (Mg)	mg/L			2.3	0.29	1.7	0.81
Total Manganese (Mn)	mg/L	0.05	A	0.089	0.0091	0.0067	0.012
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.51	0.23	0.19	0.26
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			34	1.9	3.8	6.3
Total Strontium (Sr)	mg/L	4.4*	C	0.021	0.0035	0.030	0.012
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	0.015	0.0070	<0.0050	<0.0050
Trihalomethanes (THM)							
Bromodichloromethane	ug/L			3.8		2.3	
Bromoform	ug/L			<1.0		<1.0	
Chloroform	ug/L			170		64	
Dibromochloromethane	ug/L			<1.0		<1.0	
Total Trihalomethanes	ug/L	100	C	180		66	
Haloacetic Acids (HAA)							
Monochloroacetic Acid (MCAA)	ug/L			6.2		<5.0	
Monobromoacetic Acid (MBAA)	ug/L			<5.0		<5.0	
Dichloroacetic Acid (DCAA)	ug/L			58		28	
Trichloroacetic Acid (TCAA)	ug/L			87		31	
Bromochloroacetic Acid (BCAA)	ug/L			<5.0		<5.0	
Dibromoacetic Acid (DBAA)	ug/L			<5.0		<5.0	
Total haloacetic acids (HAA5)	ug/L	80	C	151.2		59	

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Seal Cove, F.B.	Seal Cove, W.B.	Sheppardville	Shoe Cove
Serviced Area				Seal Cove, F.B. - PWDU	Seal Cove, W.B	Sheppardville	Shoe Cove
Water Supply				Big Black Duck Pond	Seal Cove Brook & Long Pond	Drilled	Second Pond
Sample #				2017-2007-01-TI-RE	2017-4135-03-TI-RE	2017-4156-03-TI-RE	2017-4139-03-TI-RE
Sample Date				2017/04/08	2017/04/06	2017/04/13	2017/04/10
	UNITS	GCDWQ					
Calculated Parameters							
Calculated TDS	mg/L	500	A	<1.0	36	100	27
Hardness (CaCO3)	mg/L			<1.0	16	60	10
Nitrate (N)	mg/L	10	C	<0.050	0.080	<0.050	0.077
Inorganics							
Total Alkalinity (Total as CaCO3)	mg/L			<5.0	12	74	<5.0
Dissolved Chloride (Cl)	mg/L	250	A	<1.0	11	6.9	13
Colour	TCU	15	A	<5.0	100	<5.0	150
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	0.32	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	0.23	0.11	0.28
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			<0.50	11	2.3	13
Total Organic Carbon (C)	mg/L			<0.50	12	2.4	13
pH	pH	6.5-10.0		5.69	6.92	7.83	6.02
Total Phosphorus	mg/L			<0.004	<0.004	<0.004	0.008
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	5.0	<2.0
Turbidity	NTU	1	C	0.20	0.50	0.25	0.55
Conductivity	uS/cm			6.2	60	160	56
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	0.000013
Total Aluminum (Al)	mg/L			0.0064	0.20	0.010	0.27
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	<0.0010	0.0076	0.0020	0.0036
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			<0.10	4.6	21	2.4
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	0.0010	<0.0010	0.0011
Total Copper (Cu)	mg/L	1	A	0.0088	0.16	0.041	0.086
Total Iron (Fe)	mg/L	0.30	A	<0.050	0.37	0.062	0.35
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.0030	<0.00050	<0.00050
Total Magnesium (Mg)	mg/L			<0.10	0.98	2.1	0.94
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.0082	0.022	0.019
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			<0.10	0.46	0.25	0.23
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			0.14	6.3	9.6	7.2
Total Strontium (Sr)	mg/L	4.4*	C	<0.0020	0.016	0.057	0.011
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	0.0038	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	0.019	<0.0050	0.0090
Trihalomethanes (THM)							
Bromodichloromethane	ug/L					3.1	
Bromoform	ug/L					<1.0	
Chloroform	ug/L					52	
Dibromochloromethane	ug/L					<1.0	
Total Trihalomethanes	ug/L	100	C			55.1	
Haloacetic Acids (HAA)							
Monochloroacetic Acid (MCAA)	ug/L					<5.0	
Monobromoacetic Acid (MBAA)	ug/L					<5.0	
Dichloroacetic Acid (DCAA)	ug/L					14	
Trichloroacetic Acid (TCAA)	ug/L					19	
Bromochloroacetic Acid (BCAA)	ug/L					<5.0	
Dibromoacetic Acid (DBAA)	ug/L					<5.0	
Total haloacetic acids (HAA5)	ug/L	80	C			33	

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Smith's Harbour	Snook's Arm	South Brook	Springdale	Springdale
Serviced Area				Smith's Harbour	Snook's Arm	South Brook	Springdale	Springdale Industrial Park
Water Supply				Fleshetts Brook	NFLD Hydro Penstock	Next to Brook	Sullivan's Pond	Well
Sample #				2017-4133-03-TI-RE	2017-4161-03-TI-RE	2017-0461-03-TI-RE	2017-4159-03-TI-RE	2017-4158-03-TI-RE
Sample Date				2017/04/06	2017/04/26	2017/04/09	2017/04/13	2017/04/13
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	36	21	100	30	150
Hardness (CaCO3)	mg/L			11	8.2	52	24	91
Nitrate (N)	mg/L	10	C	0.056	<0.050	0.40	0.062	0.30
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			11	6.4	44	18	96
Dissolved Chloride (Cl)	mg/L	250	A	11	7.8	25	5.7	24
Colour	TCU	15	A	63	57	<5.0	15	<5.0
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	0.11
Total Kjeldahl Nitrogen (TKN)	mg/L			0.21	0.29	<0.10	0.17	0.10
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			11	6.4	<0.50	4.2	<0.50
Total Organic Carbon (C)	mg/L			12	6.4	<0.50	4.2	<0.50
pH	pH	6.5-10.0		6.82	6.71	7.45	7.21	8.07
Total Phosphorus	mg/L			0.004	<0.004	<0.004	<0.004	0.016
Dissolved Sulphate (SO4)	mg/L			<2.0	<2.0	4.8	<2.0	6.5
Turbidity	NTU	1	C	0.27	0.25	0.22	0.20	0.12
Conductivity	uS/cm			61	40	170	55	250
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.37	0.15	0.013	0.039	0.0064
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	0.0019
Total Barium (Ba)	mg/L	1	C	0.0051	0.0029	0.0025	0.0014	0.011
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	0.000017	<0.000010	0.000049	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			3.0	2.0	16	7.7	29
Total Chromium (Cr)	mg/L	0.05	C	0.0014	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.025	0.0058	0.20	0.043	0.0046
Total Iron (Fe)	mg/L	0.30	A	0.35	0.070	<0.050	0.050	<0.050
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Total Magnesium (Mg)	mg/L			0.81	0.81	2.9	1.1	4.5
Total Manganese (Mn)	mg/L	0.05	A	0.0067	0.0092	<0.0020	0.012	<0.0020
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.19	0.23	0.81	<0.10	0.93
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			8.4	4.5	13	2.1	14
Total Strontium (Sr)	mg/L	4.4*	C	0.013	0.0063	0.035	0.011	0.11
Total Uranium (U)	mg/L	0.02	C	0.00023	<0.00010	0.00026	<0.00010	0.00016
Total Zinc (Zn)	mg/L	5	A	0.0059	<0.0050	<0.0050	<0.0050	0.026
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			1.6		<1.0	1.3	<1.0
Bromoform	ug/L			<1.0		<2.0	<1.0	<1.0
Chloroform	ug/L			190		<1.0	85	<1.0
Dibromochloromethane	ug/L			<1.0		1.7	<1.0	<1.0
Total Trihalomethanes	ug/L	100	C	191.6		<2.0	86.3	<2.0
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			6.5		<5.0	<5.0	<5.0
Monobromoacetic Acid (MBAA)	ug/L			<5.0		<5.0	<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L			68		<5.0	33	<5.0
Trichloroacetic Acid (TCAA)	ug/L			83	<5.0	43	<5.0	
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0	<5.0	
Total haloacetic acids (HAA5)	ug/L	80	C	157.5	<5.0	76	<5.0	

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				St. Alban's	St. Patricks	Stoneville	Summerford	Tilt Cove
Serviced Area				St. Alban's	St. Patricks	Stoneville	Summerford	Tilt Cove
Water Supply				Well Field	David Joy Well	Dog Bay Pond Brook	Rushy Cove Pond	Castle Rock Pond
Sample #				2017-2000-03-TI-RE	2017-4157-03-TI-RE	2017-0477-04-TI-RE	2017-0478-02-TI-RE	2017-4138-03-TI-RE
Sample Date				2017/04/07	2017/04/13	2017/04/12	2017/04/12	2017/04/10
	UNITS	GCDWQ						
Calculated Parameters								
Calculated TDS	mg/L	500	A	37	210	35	92	62
Hardness (CaCO3)	mg/L			14	130	11	58	47
Nitrate (N)	mg/L	10	C	0.32	<0.050	0.12	0.052	0.33
Inorganics								
Total Alkalinity (Total as CaCO3)	mg/L			14	100	11	45	44
Dissolved Chloride (Cl)	mg/L	250	A	4.9	44	13	25	10
Colour	TCU	15	A	<5.0	<5.0	32	42	14
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			<0.10	<0.10	0.19	0.20	0.16
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			<0.50	<0.50	6.3	9.3	2.8
Total Organic Carbon (C)	mg/L			<0.50	<0.50	6.2	9.5	2.9
pH	pH	6.5-10.0		6.69	7.83	6.80	7.15	7.37
Total Phosphorus	mg/L			0.005	<0.004	0.006	0.009	<0.004
Dissolved Sulphate (SO4)	mg/L			4.4	16	<2.0	3.2	<2.0
Turbidity	NTU	1	C	0.12	0.14	0.36	0.44	0.30
Conductivity	uS/cm			51	360	64	170	120
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.017	0.0064	0.057	0.069	0.038
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	0.0041	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0055	0.0075	0.0018	0.015	0.0071
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Total Calcium (Ca)	mg/L			4.1	41	2.9	20	12
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010	0.0016
Total Copper (Cu)	mg/L	1	A	0.0051	0.0023	0.0030	0.16	0.024
Total Iron (Fe)	mg/L	0.30	A	<0.050	0.066	0.10	0.096	<0.050
Total Lead (Pb)	mg/L	0.01	C	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Total Magnesium (Mg)	mg/L			1.0	6.0	0.95	1.9	3.9
Total Manganese (Mn)	mg/L	0.05	A	<0.0020	0.014	0.022	0.011	0.0033
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	0.0024	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.81	1.3	0.23	0.46	0.19
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			3.6	22	7.9	11	5.0
Total Strontium (Sr)	mg/L	4.4*	C	0.023	0.079	0.016	0.031	0.026
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	<0.0050	0.041	<0.0050
Trihalomethanes (THM)								
Bromodichloromethane	ug/L			<1.0		4.3	13	
Bromoform	ug/L			<2.0		<1.0	<1.0	
Chloroform	ug/L			<1.0		180	390	
Dibromochloromethane	ug/L			<1.0		<1.0	<1.0	
Total Trihalomethanes	ug/L	100	C	<2.0		184.3	403	
Haloacetic Acids (HAA)								
Monochloroacetic Acid (MCAA)	ug/L			<5.0		<5.0	5.1	
Monobromoacetic Acid (MBAA)	ug/L			<5.0		<5.0	<5.0	
Dichloroacetic Acid (DCAA)	ug/L			<5.0		27	67	
Trichloroacetic Acid (TCAA)	ug/L			<5.0	76	230		
Bromochloroacetic Acid (BCAA)	ug/L			<5.0	<5.0	<5.0		
Dibromoacetic Acid (DBAA)	ug/L			<5.0	<5.0	<5.0		
Total haloacetic acids (HAA5)	ug/L	80	C	<5.0	103	302.1		

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Tizzard's Harbour	Triton, Jim's Cove, Card's Harbour	Twillingate	Westport
Serviced Area				Tizzard's Harbour	Triton, Jim's Cove, Card's Harbour	Twillingate	Westport
Water Supply				Rocky Pond	Triton Pond	Wild Cove Pond	Western Brook Pond
Sample #				2017-0481-03-TI-RE	2017-0466-03-TI-RE	2017-0469-03-TI-RE	2017-4130-03-TI-RE
Sample Date				2017/04/12	2017/04/10	2017/04/11	2017/04/06
	UNITS	GCDWQ					
Calculated Parameters							
Calculated TDS	mg/L	500	A	45	78	76	26
Hardness (CaCO3)	mg/L			10	35	23	11
Nitrate (N)	mg/L	10	C	<0.050	0.095	0.24	<0.050
Inorganics							
Total Alkalinity (Total as CaCO3)	mg/L			6.2	22	6.8	8.3
Dissolved Chloride (Cl)	mg/L	250	A	20	32	36	7.1
Colour	TCU	15	A	98	52	33	90
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.26	0.21	0.20	0.19
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			12	10	6.1	11
Total Organic Carbon (C)	mg/L			12	11	6.4	12
pH	pH	6.5-10.0		6.23	6.89	6.20	6.52
Total Phosphorus	mg/L			0.008	0.008	0.006	0.005
Dissolved Sulphate (SO4)	mg/L			2.1	<2.0	7.0	<2.0
Turbidity	NTU	1	C	0.54	0.81	0.43	0.26
Conductivity	uS/cm			85	160	150	41
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		0.000013	<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.35	0.14	0.11	0.37
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0013	0.014	0.0025	0.0083
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	0.000017	<0.000010
Total Calcium (Ca)	mg/L			1.7	10	5.9	3.3
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Copper (Cu)	mg/L	1	A	0.052	0.41	0.20	0.32
Total Iron (Fe)	mg/L	0.30	A	0.58	0.19	0.18	0.47
Total Lead (Pb)	mg/L	0.01	C	<0.00050	0.00062	0.00082	<0.00050
Total Magnesium (Mg)	mg/L			1.5	2.1	1.9	0.79
Total Manganese (Mn)	mg/L	0.05	A	0.010	0.018	0.0070	0.0073
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.23	0.46	0.53	0.42
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			12	15	16	4.3
Total Strontium (Sr)	mg/L	4.4*	C	0.0096	0.028	0.017	0.015
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	<0.00010	<0.00010
Total Zinc (Zn)	mg/L	5	A	0.0071	0.0084	0.033	0.0073
Trihalomethanes (THM)							
Bromodichloromethane	ug/L			2.5		4.2	
Bromoform	ug/L			<1.0		<1.0	
Chloroform	ug/L			110		130	
Dibromochloromethane	ug/L			<1.0		<1.0	
Total Trihalomethanes	ug/L	100	C	112.5		130	
Haloacetic Acids (HAA)							
Monochloroacetic Acid (MCAA)	ug/L			5.3		8.4	
Monobromoacetic Acid (MBAA)	ug/L			<5.0		<5.0	
Dichloroacetic Acid (DCAA)	ug/L			39		76	
Trichloroacetic Acid (TCAA)	ug/L			41		110	
Bromochloroacetic Acid (BCAA)	ug/L			<5.0		<5.0	
Dibromoacetic Acid (DBAA)	ug/L			<5.0		<5.0	
Total haloacetic acids (HAA5)	ug/L	80	C	85.3		194.4	

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RESULTS OF WATER ANALYSIS - CENTRAL REGION - APRIL 2017

Community				Wild Cove	Wooddale	Woodstock
Serviced Area				Wild Cove	Wooddale	Woodstock
Water Supply				Hedderson's Pond Brook	Northern Arm Lake	Mill Pond
Sample #				2017-4134-03-TI-RE	2017-2310-03-TI-RE	2017-4144-03-TI-RE
Sample Date				2017/04/06	2017/04/10	2017/04/10
	UNITS	GCDWQ				
Calculated Parameters						
Calculated TDS	mg/L	500	A	33	41	19
Hardness (CaCO3)	mg/L			18	25	6.7
Nitrate (N)	mg/L	10	C	0.12	0.073	0.055
Inorganics						
Total Alkalinity (Total as CaCO3)	mg/L			15	12	<5.0
Dissolved Chloride (Cl)	mg/L	250	A	6.7	5.1	6.7
Colour	TCU	15	A	67	<5.0	120
Dissolved Fluoride (F-)	mg/L	1.5	C	<0.10	<0.10	<0.10
Total Kjeldahl Nitrogen (TKN)	mg/L			0.15	<0.10	0.29
Nitrite (N)	mg/L	1		<0.010	<0.010	<0.010
Nitrogen (Ammonia Nitrogen)	mg/L			<0.050	<0.050	<0.050
Dissolved Organic Carbon (C)	mg/L			8.4	1.5	12
Total Organic Carbon (C)	mg/L			9.6	1.6	12
pH	pH	6.5-10.0		7.07	6.73	5.86
Total Phosphorus	mg/L			<0.004	<0.004	0.012
Dissolved Sulphate (SO4)	mg/L			<2.0	13	<2.0
Turbidity	NTU	1	C	0.49	0.80	0.40
Conductivity	uS/cm			56	69	36
Bromide (Br-)	mg/L			<1.0	<1.0	<1.0
Total Mercury (Hg)	mg/L	0.001		<0.000013	<0.000013	<0.000013
Total Aluminum (Al)	mg/L			0.14	0.071	0.45
Total Antimony (Sb)	mg/L	0.006	C	<0.0010	<0.0010	<0.0010
Total Arsenic (As)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010
Total Barium (Ba)	mg/L	1	C	0.0082	0.0028	0.0017
Total Boron (B)	mg/L	5	C	<0.050	<0.050	<0.050
Total Cadmium (Cd)	mg/L	0.005	C	<0.000010	<0.000010	0.000015
Total Calcium (Ca)	mg/L			5.3	8.9	1.5
Total Chromium (Cr)	mg/L	0.05	C	<0.0010	<0.0010	0.0013
Total Copper (Cu)	mg/L	1	A	0.025	0.052	0.025
Total Iron (Fe)	mg/L	0.30	A	0.16	<0.050	0.50
Total Lead (Pb)	mg/L	0.01	C	0.00054	<0.00050	<0.00050
Total Magnesium (Mg)	mg/L			1.1	0.60	0.71
Total Manganese (Mn)	mg/L	0.05	A	0.0022	0.029	0.014
Total Nickel (Ni)	mg/L			<0.0020	<0.0020	<0.0020
Total Potassium (K)	mg/L			0.71	0.20	0.23
Total Selenium (Se)	mg/L	0.01	C	<0.0010	<0.0010	<0.0010
Total Sodium (Na)	mg/L			4.0	1.8	4.2
Total Strontium (Sr)	mg/L	4.4*	C	0.022	0.012	0.0052
Total Uranium (U)	mg/L	0.02	C	<0.00010	<0.00010	0.00070
Total Zinc (Zn)	mg/L	5	A	<0.0050	<0.0050	0.0050
Trihalomethanes (THM)						
Bromodichloromethane	ug/L				1.5	<1.0
Bromoform	ug/L				<1.0	<1.0
Chloroform	ug/L				46	1.1
Dibromochloromethane	ug/L				<1.0	<1.0
Total Trihalomethanes	ug/L	100	C		47.5	1.1
Haloacetic Acids (HAA)						
Monochloroacetic Acid (MCAA)	ug/L				<5.0	<5.0
Monobromoacetic Acid (MBAA)	ug/L				<5.0	<5.0
Dichloroacetic Acid (DCAA)	ug/L				16	<5.0
Trichloroacetic Acid (TCAA)	ug/L				21	<5.0
Bromochloroacetic Acid (BCAA)	ug/L				<5.0	<5.0
Dibromoacetic Acid (DBAA)	ug/L				<5.0	<5.0
Total haloacetic acids (HAA5)	ug/L	80	C		37	<5.0

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