



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A
<b>Admirals Beach</b>																							
Admiral's Beach	2 Well Fields	Jun 03, 2019	LTD	1.6	LTD	LTD	LTD	LTD	LTD	0.003	0.070	LTD	LTD	0.023	LTD	LTD	10.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Baine Harbour</b>																							
Baine Harbour	Dug	Jun 21, 2019	LTD	LTD	0.290	LTD	0.005	0.020	LTD	LTD	LTD	LTD	LTD	0.022	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Barchois Brook</b>																							
Barchois Brook	Drilled	Jun 21, 2019	LTD	LTD	LTD	0.250	0.025	LTD	LTD	0.003	LTD	LTD	LTD	LTD	LTD	LTD	3.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Bauline</b>																							
Bauline	#1 Brook Path Well	Jun 12, 2019	LTD	3.2	LTD	LTD	0.007	LTD	LTD	LTD	LTD	LTD	LTD	0.010	LTD	LTD	6.000	<u>0.070</u>	LTD	LTD	LTD	LTD	LTD
<b>Bay Roberts</b>																							
Bay Roberts, Spaniard's Bay	Rocky Pond	Jun 17, 2019	LTD	2.2	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.213	0.050	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
<b>Bay St. George South</b>																							
Heatherton	#1 Well Heatherton (Home Hardware)	May 29, 2019	0.050	1.4	LTD	LTD	LTD	LTD	LTD	LTD	0.010	LTD	LTD	0.006	0.100	LTD	20.000	<u>0.290</u>	LTD	LTD	LTD	0.0020	LTD
St. Fintan's, St. David's	#1 Well St. Fintan's (The Y)	May 29, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.003	0.120	LTD	LTD	0.003	0.060	LTD	14.000	LTD	LTD	LTD	LTD	LTD	LTD
St. Fintan's	#2 Well St. Fintan's (Louis King)	May 29, 2019	LTD	0.7	0.860	0.260	0.002	LTD	LTD	LTD	0.150	LTD	0.00100	0.002	LTD	LTD	20.000	LTD	LTD	LTD	LTD	LTD	LTD
Jeffrey's	#2 Well Jeffery's (Calvin Madore)	May 29, 2019	0.110	0.7	LTD	0.170	0.005	0.030	LTD	0.001	0.160	LTD	LTD	0.002	0.070	LTD	11.000	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD
Jeffrey's	#1 Well Jeffery's (Joe Curnew)	May 29, 2019	0.150	LTD	LTD	0.240	0.020	LTD	LTD	0.003	0.040	LTD	LTD	0.015	0.070	LTD	18.000	<u>0.050</u>	LTD	LTD	LTD	0.0010	LTD
Lock Leven	#6 Well Loch Leven (Jerry Quilty)	May 29, 2019	LTD	LTD	0.300	LTD	0.007	LTD	LTD	LTD	0.190	LTD	0.00100	0.003	LTD	LTD	19.000	LTD	LTD	LTD	LTD	LTD	LTD
McKay's	#7 Well McKay's (Gordon Hulan)	May 29, 2019	LTD	2.1	LTD	LTD	LTD	LTD	LTD	0.006	0.090	LTD	LTD	0.002	0.180	LTD	18.000	<u>0.060</u>	LTD	LTD	LTD	0.0010	LTD
Robinson's	#1 Well Robinson's (Louie MacDonald)	May 29, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.001	0.090	LTD	LTD	0.004	0.100	LTD	17.000	LTD	LTD	LTD	LTD	LTD	LTD
McKay's	#2B Lions Club Well	May 29, 2019	LTD	0.6	LTD	LTD	0.009	LTD	LTD	0.002	0.050	LTD	LTD	0.066	0.300	LTD	19.000	<u>0.030</u>	LTD	LTD	LTD	LTD	0.020
Jeffrey's	#3 Well Jeffery's (Sid Shears)	May 29, 2019	0.150	1.6	LTD	0.280	0.003	LTD	LTD	0.002	0.100	LTD	LTD	0.007	0.110	LTD	8.000	<u>0.060</u>	LTD	LTD	LTD	LTD	LTD
McKay's	#3 Woodworth Well McKay's	May 29, 2019	LTD	1.0	LTD	LTD	0.012	0.050	LTD	0.008	0.060	LTD	LTD	LTD	0.040	LTD	3.000	LTD	LTD	LTD	LTD	0.0010	LTD



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### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>Bay St. George South</b>																									
Highlands	#3 Brian Pumphrey Well Highlands	May 29, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.014	LTD	LTD	3.000	LTD	LTD	LTD	LTD	0.0030	LTD		
Robinson's	#3 Well Robinson's (Gales)	May 29, 2019	LTD	LTD	LTD	0.190	LTD	LTD	LTD	0.001	0.090	LTD	LTD	0.008	0.050	LTD	17.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Bear Cove</b>																									
Bear Cove	Lower Bear Cove	Jun 12, 2019	LTD	4.0	LTD	LTD	LTD	LTD	0.000600	0.002	LTD	LTD	LTD	0.013	0.100	LTD	16.000	LTD	LTD	0.005	LTD	0.0010	LTD		
Bear Cove	Upper Bear Cove	Jun 12, 2019	0.010	2.6	LTD	LTD	0.004	LTD	LTD	LTD	0.090	LTD	LTD	0.007	0.050	LTD	26.000	LTD	LTD	LTD	LTD	LTD	0.030		
<b>Benoit's Siding</b>																									
Benoit's Siding (aka Bennett's Siding)	Drilled	Jun 25, 2019	LTD	LTD	0.560	LTD	0.003	LTD	LTD	LTD	0.520	LTD	0.00100	0.003	LTD	LTD	9.000	LTD	LTD	LTD	LTD	0.0040	LTD		
Doyles	# 2 Well Doyles	Jun 26, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.200	LTD	LTD	0.012	LTD	LTD	14.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Black Duck</b>																									
Black Duck (Siding)	#1 Well	May 27, 2019	LTD	LTD	0.380	LTD	LTD	LTD	LTD	LTD	0.040	LTD	0.00100	0.002	LTD	LTD	6.000	LTD	LTD	LTD	LTD	LTD	LTD		
Black Duck (Siding)	#2 Well	May 27, 2019	LTD	LTD	LTD	0.160	LTD	LTD	LTD	0.001	0.020	LTD	LTD	LTD	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Blaketown</b>																									
Blaketown South	#1 Selby Mercer Well	May 27, 2019	LTD	LTD	1.480	0.150	0.009	0.040	LTD	0.002	LTD	LTD	LTD	0.012	LTD	LTD	5.000	LTD	LTD	LTD	LTD	LTD	LTD		
Blaketown	#2 Daphne Pincen Well	May 27, 2019	LTD	LTD	0.210	LTD	0.005	LTD	LTD	0.004	LTD	LTD	LTD	0.002	LTD	LTD	5.000	LTD	LTD	LTD	LTD	LTD	0.020		
Blaketown North	#4 Hilda Barrett Well	May 27, 2019	LTD	0.7	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.001	LTD	LTD	5.000	LTD	0.00020	LTD	LTD	LTD	LTD		
Blaketown Centre	#3 Fred Osborne Well	May 27, 2019	LTD	1.2	LTD	LTD	LTD	LTD	LTD	0.009	LTD	LTD	LTD	LTD	LTD	LTD	2.000	0.010	LTD	LTD	LTD	LTD	LTD		
<b>Bonavista</b>																									
Bonavista	Long Pond	May 27, 2019	0.010	3.6	LTD	LTD	0.004	0.050	LTD	LTD	LTD	LTD	LTD	0.009	0.110	LTD	LTD	<u>0.040</u>	LTD	LTD	LTD	LTD	LTD		
<b>Brent's Cove</b>																									
Brent's Cove	Paddy's Pond	Jun 05, 2019	0.010	10.2	LTD	0.230	0.007	0.290	LTD	LTD	LTD	LTD	LTD	0.290	<u>0.360</u>	0.002	LTD	<u>0.050</u>	LTD	LTD	LTD	LTD	0.030		
<b>Brigus South</b>																									
Dunphey's Hill area	#2 Well Dunphey's Hill	May 28, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.050	LTD	LTD	0.005	0.050	LTD	4.000	<span style="border: 1px solid black; padding: 2px;">0.150</span>	LTD	LTD	LTD	LTD	LTD		



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Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>Brigus South</b>																									
Forge Hill area	#1 Well Forge Hill	May 28, 2019	LTD	1.4	LTD	0.310	LTD	LTD	LTD	LTD	0.020	LTD	LTD	0.002	0.040	LTD	2.000	0.400	LTD	LTD	LTD	LTD	LTD		
Near highway	#3 Well Main Road	May 28, 2019	LTD	LTD	LTD	LTD	0.009	LTD	LTD	LTD	LTD	LTD	LTD	0.015	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Bryant's Cove</b>																									
Bryant's Cove South Side	#1 Well - Bert James Well #2 Well - Baxter Bowering Well	Jun 05, 2019	LTD	LTD	LTD	LTD	LTD	LTD	0.000900	0.003	LTD	LTD	LTD	0.016	LTD	0.005	4.000	LTD	LTD	LTD	0.001	LTD	0.020		
<b>Bunyan's Cove</b>																									
Bunyan's Cove	#1 Wellfield	May 29, 2019	0.020	2.1	0.260	0.180	0.018	0.030	LTD	0.001	0.010	LTD	LTD	0.040	0.950	LTD	3.000	0.080	LTD	LTD	LTD	LTD	0.030		
<b>Canning's Cove</b>																									
Lower Canning's Cove	#1 Well - Pleman Pitts	May 29, 2019	0.050	0.5	LTD	LTD	0.002	LTD	LTD	0.002	LTD	LTD	LTD	0.008	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
Upper Canning's Cove	#2 Well - Eugene Ellis	May 29, 2019	0.090	1.3	0.110	0.260	0.002	0.010	LTD	LTD	LTD	LTD	LTD	0.016	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD		
Centre Canning's Cove	#3 Well - Glenda Penney	May 29, 2019	LTD	LTD	LTD	0.180	0.006	LTD	LTD	LTD	LTD	LTD	LTD	0.023	0.060	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Cavendish</b>																									
North Side Cavendish	#2 Well - Tom Critch	May 29, 2019	LTD	2.3	LTD	LTD	LTD	LTD	LTD	0.005	LTD	LTD	LTD	0.046	0.030	LTD	6.000	0.040	LTD	LTD	LTD	LTD	LTD		
<b>Centreville-Wareham-Trinity</b>																									
Trinity	Southwest Feeder Pond	Jun 05, 2019	0.013	5.0	LTD	LTD	0.004	0.140	LTD	LTD	LTD	LTD	LTD	0.085	0.050	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Chance Cove</b>																									
Back Cove Area	Olive Smith Well	May 23, 2019	LTD	LTD	0.290	0.900	0.004	0.010	LTD	0.004	0.190	LTD	LTD	0.013	LTD	LTD	1.000	LTD	0.00010	LTD	LTD	LTD	LTD		
New Housing Area	New Housing Area Well	May 23, 2019	LTD	LTD	0.160	LTD	LTD	LTD	LTD	0.013	0.440	LTD	LTD	0.013	LTD	LTD	3.000	LTD	LTD	LTD	0.002	0.0030	LTD		
Lower Cove	#5B Albert Rowe Well	May 23, 2019	LTD	0.6	LTD	0.540	LTD	LTD	LTD	0.002	0.760	LTD	LTD	0.040	LTD	LTD	3.000	0.200	LTD	LTD	LTD	0.0100	LTD		
Upper Cove	Hollett's Well	May 23, 2019	LTD	LTD	LTD	LTD	0.005	0.040	0.002000	0.007	LTD	LTD	LTD	0.010	0.040	LTD	LTD	LTD	LTD	LTD	LTD	0.0050	LTD		
<b>Change Islands</b>																									
Change Islands - PWDU	#1 Fox Cove Well	Jun 27, 2019	0.118	LTD	LTD	LTD	LTD	LTD	LTD	0.001	LTD	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Channel-Port aux Basques</b>																									



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### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A
<b>Channel-Port aux Basques</b>																							
Channel-Port Aux Basques	Gull Pond & Wilcox Pond	Jun 25, 2019	LTD	1.9	LTD	LTD	LTD	0.310	LTD	LTD	LTD	LTD	LTD	LTD	0.090	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
<b>Clareville</b>																							
Clareville, Shoal Harbour	Shoal Harbour River	Jun 13, 2019	LTD	2.4	LTD	LTD	LTD	0.130	LTD	LTD	LTD	LTD	LTD	0.002	0.200	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
<b>Clarke's Beach</b>																							
Otterbury	#1 Well - Quinion Well	Jun 05, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.010	LTD	LTD	LTD	0.002	LTD	LTD	5.000	LTD	LTD	LTD	LTD	LTD	LTD
Otterbury	#2 Well - Delaney Well	Jun 05, 2019	LTD	LTD	LTD	LTD	0.003	LTD	LTD	0.004	LTD	LTD	LTD	0.002	LTD	LTD	7.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Colliers</b>																							
Main Road	#1 Well - Mahoney's Well	Jun 06, 2019	LTD	LTD	0.140	LTD	LTD	LTD	0.000800	0.003	0.020	LTD	LTD	0.003	LTD	LTD	10.000	LTD	LTD	LTD	LTD	LTD	LTD
Merrigan's Lane + Main Rd	#2 Well - Merrigan's Well	Jun 06, 2019	LTD	0.8	0.120	LTD	LTD	LTD	LTD	0.005	0.110	LTD	LTD	0.005	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD
Harbour Drive & Main Road	#3 Well - Griffin's Well	Jun 06, 2019	LTD	0.9	0.320	LTD	0.003	LTD	LTD	0.002	0.030	LTD	LTD	0.007	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD
Harbour Drive	#4 Well - Flynn's Well	Jun 06, 2019	LTD	0.7	0.270	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.010	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	0.010
Harbour Drive	#5 Well - Whalen's Well	Jun 06, 2019	LTD	0.8	1.700	0.200	0.009	LTD	LTD	0.001	0.010	LTD	LTD	0.085	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Conception Bay South</b>																							
Conception Bay South	Bay Bulls Big Pond	Jun 20, 2019	0.200	1.4	LTD	0.300	LTD	0.040	LTD	LTD	LTD	LTD	LTD	0.016	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
<b>Conception Harbour</b>																							
Healey's Pond Rd, Old Rd & Main Rd	Healey's Pond Road Well	Jun 07, 2019	LTD	LTD	LTD	LTD	0.005	LTD	LTD	0.010	LTD	LTD	LTD	0.002	LTD	LTD	2.000	LTD	LTD	LTD	LTD	0.0020	LTD
Cemetery Road & Main Road	Cemetery Road Well	Jun 07, 2019	LTD	0.7	LTD	LTD	0.007	LTD	LTD	0.005	0.020	LTD	LTD	0.064	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD
Upper Bacon Cove, Kitchuses	Upper Bacon Cove Well	Jun 07, 2019	LTD	0.8	LTD	LTD	LTD	LTD	0.000900	0.001	0.150	LTD	LTD	0.015	LTD	LTD	2.000	LTD	LTD	LTD	LTD	0.0020	LTD
Lower Bacon Cove	Lower Bacon Cove Well	Jun 07, 2019	LTD	0.8	0.290	LTD	LTD	LTD	LTD	0.003	0.380	LTD	LTD	0.024	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD
Old Road and Coles Crescent	Old Road Well	Jun 07, 2019	0.010	LTD	LTD	LTD	0.005	LTD	LTD	0.002	0.120	LTD	LTD	0.002	LTD	LTD	3.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Corner Brook</b>																							
Corner Brook (+Massey Drive, +Mount Moriah)	Trout Pond, Third Pond (2 intakes)	Jun 28, 2019	LTD	1.4	LTD	LTD	0.412	LTD	LTD	LTD	LTD	LTD	LTD	0.029	LTD	0.002	2.000	LTD	LTD	LTD	LTD	LTD	0.120



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### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A
<b>Cox's Cove</b>																							
Upper Area	Upper Area Wellfield	Jun 20, 2019	0.080	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.110	LTD	LTD	LTD	0.080	LTD	13.000	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD
<b>Deep Bight</b>																							
Deep Bight	Deep Bight River	Jun 26, 2019	LTD	6.7	LTD	0.160	0.003	0.110	LTD	LTD	LTD	LTD	LTD	0.008	0.160	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
Deep Bight	Deep Bight River	Jun 26, 2019	0.026	9.6	LTD	0.190	0.005	0.130	LTD	LTD	LTD	LTD	LTD	0.008	0.200	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
<b>Eastport</b>																							
Eastport (+Sandy Cove)	Dug	May 22, 2019	LTD	LTD	0.310	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.237	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Fermeuse</b>																							
Fermeuse	Port Kirwan Road Well	May 28, 2019	LTD	LTD	1.160	LTD	0.002	0.030	LTD	0.001	0.140	LTD	LTD	0.010	LTD	LTD	9.000	LTD	LTD	LTD	LTD	0.0010	LTD
<b>Flat Bay</b>																							
Flat Bay (East)	#3 Well	Jun 21, 2019	LTD	LTD	1.490	0.260	0.005	LTD	LTD	LTD	0.020	LTD	0.00100	0.010	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD
Flat Bay (East)	#1 Well	Jun 21, 2019	LTD	LTD	LTD	LTD	0.011	LTD	LTD	0.012	0.110	LTD	LTD	LTD	LTD	LTD	2.000	LTD	LTD	LTD	LTD	0.0020	LTD
<b>Flat Bay West</b>																							
Flat Bay West	#3 Well	Jun 21, 2019	LTD	LTD	0.980	0.300	0.005	LTD	LTD	0.001	0.160	LTD	0.00200	0.002	LTD	LTD	2.000	LTD	LTD	LTD	0.004	0.0010	LTD
<b>Fox Roost-Margaree</b>																							
Fox Roost-Margaree	Drilled Well and Margaree Pond	Jun 25, 2019	0.026	10.5	LTD	0.360	0.005	0.240	LTD	LTD	LTD	LTD	LTD	0.016	0.270	0.002	LTD	LTD	LTD	LTD	LTD	LTD	0.040
<b>Frenchman's Cove</b>																							
Frenchman's Cove	Dug Well	Jun 20, 2019	LTD	2.9	LTD	LTD	0.005	0.200	LTD	LTD	LTD	LTD	LTD	0.088	0.050	LTD	4.000	LTD	LTD	LTD	LTD	LTD	0.030
<b>Freshwater</b>																							
Freshwater (Carbonear)	#2 Well - Covage's Lane Well	May 16, 2019	LTD	LTD	0.160	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.012	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.030
Freshwater (Carbonear)	#3 Well - Wallace Snow Well	May 16, 2019	LTD	LTD	1.800	0.190	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.004	LTD	LTD	10.000	LTD	LTD	LTD	LTD	LTD	0.020
<b>Gander</b>																							
Gander	Gander Lake	Jun 06, 2019	0.475	5.0	0.250	0.550	0.004	0.080	LTD	LTD	LTD	LTD	LTD	0.336	0.060	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
<b>Gander Bay South</b>																							



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>Gander Bay South</b>																									
George's Point, Harris Point	Barry's Brook	Jun 06, 2019	0.010	5.8	LTD	0.160	0.004	0.040	LTD	LTD	LTD	LTD	LTD	0.018	0.060	LTD	2.000	0.020	LTD	LTD	LTD	LTD	LTD		
Gander Bay South - PWDU	Barry's Brook	Jun 06, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.041	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.030	
<b>Grand Falls-Windsor</b>																									
Grand Falls-Windsor (+Bishop's Falls, +Wooddale, +Botwood, +Peterview)	Northern Arm Lake	Jun 28, 2019	0.100	1.6	LTD	LTD	LTD	0.280	LTD	LTD	LTD	LTD	LTD	0.024	0.160	0.004	LTD	0.010	LTD	LTD	LTD	LTD	LTD		
<b>Grates Cove</b>																									
Grates Cove South End	#4 Stoyles Hill Well	Jun 13, 2019	LTD	0.8	LTD	LTD	LTD	LTD	LTD	0.001	LTD	LTD	LTD	0.029	LTD	LTD	7.000	<u>0.070</u>	LTD	LTD	LTD	0.0010	LTD		
Grates Cove North End	#3 Frank Janes Well	Jun 13, 2019	LTD	1.6	LTD	LTD	0.006	LTD	LTD	0.001	LTD	LTD	LTD	0.007	0.040	LTD	8.000	0.010	LTD	LTD	LTD	0.0070	LTD		
Grates Cove Centre	#1C Well	Jun 13, 2019	LTD	0.9	LTD	LTD	0.005	LTD	LTD	0.009	LTD	LTD	LTD	0.006	LTD	LTD	7.000	LTD	LTD	LTD	LTD	0.0030	LTD		
<b>Great Codroy</b>																									
Great Codroy East	#1 Well	Jun 26, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.050	LTD	LTD	LTD	LTD	LTD	9.000	LTD	LTD	LTD	LTD	0.0010	LTD		
Great Codroy West	#2 Well	Jun 26, 2019	LTD	0.6	0.860	LTD	LTD	LTD	LTD	LTD	0.420	LTD	LTD	0.003	LTD	LTD	15.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Happy Valley-Goose Bay</b>																									
Happy Valley-Goose Bay	Spring Gulch	Jun 10, 2019	LTD	1.3	LTD	LTD	0.007	0.020	LTD	LTD	LTD	LTD	LTD	0.049	0.090	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD		
Happy Valley-Goose Bay	Well Field (connect summer 2002)	Jun 10, 2019	LTD	0.9	LTD	LTD	0.004	0.020	LTD	LTD	LTD	LTD	LTD	0.184	0.120	LTD	5.000	<u>0.040</u>	LTD	LTD	LTD	LTD	0.020		
<b>Harbour Grace</b>																									
Riverhead	Mercer's Rd. Well	Jun 05, 2019	LTD	LTD	0.530	LTD	LTD	LTD	LTD	0.004	LTD	LTD	LTD	0.012	LTD	LTD	7.000	LTD	LTD	LTD	0.003	LTD	LTD		
Harbour Grace South Upper	Southside Wellfield (Well #1 & #2)	Jun 05, 2019	LTD	LTD	LTD	LTD	LTD	LTD	0.000600	0.006	0.010	LTD	LTD	0.010	LTD	LTD	5.000	LTD	LTD	LTD	LTD	LTD	LTD		
Thickett	#1 Thickett Susie Galway Well	Jun 05, 2019	LTD	LTD	0.500	LTD	0.003	LTD	LTD	LTD	0.010	LTD	LTD	0.051	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD		
Thickett	#2 Thickett New Well	Jun 05, 2019	LTD	LTD	0.510	LTD	LTD	LTD	LTD	LTD	0.180	LTD	LTD	0.010	LTD	LTD	8.000	LTD	LTD	LTD	LTD	LTD	LTD		
Harbour Grace South Lower	New Southside Well (Well#3)	Jun 05, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	LTD	0.007	LTD	LTD	4.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Harbour Main-Chapel's Cove-Lakeview</b>																									



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A
<b>Harbour Main-Chapel's Cove-Lakeview</b>																							
Harbour Main, Chapel's Cove, Lakeview	Flynn's Hill Well	Jun 07, 2019	LTD	1.1	0.570	0.150	0.003	LTD	LTD	0.001	LTD	LTD	LTD	0.181	LTD	LTD	2.000	0.010	LTD	LTD	LTD	LTD	0.020
Harbour Main, Chapel's Cove, Lakeview	Holden's Road Well	Jun 07, 2019	LTD	0.8	0.400	LTD	LTD	LTD	LTD	LTD	0.020	LTD	LTD	0.014	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Harry's Harbour</b>																							
Harry's Harbour	#1C Well - Northeast Well	Jun 28, 2019	LTD	LTD	0.210	LTD	0.013	LTD	LTD	0.002	LTD	LTD	LTD	0.005	LTD	LTD	4.000	LTD	LTD	LTD	LTD	LTD	LTD
Harry's Harbour	#3 Well - South Well	Jun 28, 2019	LTD	1.1	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	LTD	0.018	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Hodge's Cove</b>																							
Hodge's Cove	Drilled	Jun 14, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.002	0.030	LTD	LTD	0.001	LTD	LTD	1.000	LTD	LTD	LTD	0.001	0.0010	LTD
<b>Holyrood</b>																							
Holyrood	Main Line	Jun 07, 2019	LTD	3.8	LTD	LTD	0.003	LTD	LTD	0.002	0.010	LTD	0.00100	0.292	0.100	0.002	4.000	LTD	LTD	LTD	LTD	LTD	0.020
Holyrood	O'Connell's Well	Jun 07, 2019	LTD	3.7	LTD	LTD	0.002	LTD	LTD	0.002	0.020	LTD	0.00100	0.030	LTD	LTD	4.000	LTD	LTD	LTD	LTD	LTD	LTD
Holyrood	Woodford Station - Healey's Well and Quinlan's Well	Jun 07, 2019	LTD	0.7	0.500	LTD	0.003	LTD	LTD	0.006	0.020	LTD	0.00200	0.022	LTD	LTD	3.000	LTD	0.00020	LTD	LTD	0.0030	LTD
<b>Hopeall</b>																							
Hopeall	Charles Cumby Well	May 29, 2019	LTD	LTD	0.180	0.160	0.003	LTD	LTD	0.001	LTD	LTD	LTD	0.118	LTD	LTD	4.000	LTD	LTD	LTD	LTD	0.0010	LTD
Gilberts Hill	Gilberts Hill Well	May 29, 2019	LTD	LTD	0.100	LTD	0.006	0.030	LTD	LTD	0.020	LTD	LTD	0.025	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Jean de Baie</b>																							
Jean de Baie	#1 Well	Jun 20, 2019	LTD	LTD	0.200	LTD	0.003	0.010	LTD	LTD	0.040	LTD	LTD	0.323	LTD	LTD	3.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Kippens</b>																							
Kippens	Well Field	May 27, 2019	LTD	LTD	0.130	LTD	LTD	LTD	LTD	LTD	0.050	LTD	0.00100	0.009	LTD	LTD	11.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Labrador City</b>																							
Labrador City	Beverly Lake	Jun 12, 2019	0.011	2.8	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	LTD	0.029	0.050	LTD	4.000	<u>0.080</u>	LTD	LTD	LTD	LTD	LTD
<b>Lance Cove</b>																							
Lance Cove	Local Service District Well	Jun 27, 2019	0.021	LTD	0.250	LTD	0.002	LTD	LTD	LTD	0.200	LTD	LTD	0.003	LTD	LTD	4.000	<u>0.050</u>	LTD	LTD	LTD	LTD	LTD
<b>Lewisporte</b>																							



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>Lewisporte</b>																									
Lewisporte	Stanhope Pond	May 15, 2019	LTD	5.1	LTD	0.150	0.002	0.060	LTD	LTD	LTD	LTD	LTD	0.206	0.140	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.010	
<b>Makinsons</b>																									
Turkswater & Hodgwater Line West	Country Path Wells	Jun 06, 2019	LTD	1.5	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
Hodgwater Line East & Juniper Stump	Taylor's Wells	Jun 06, 2019	LTD	2.0	LTD	LTD	0.008	LTD	LTD	LTD	0.200	LTD	LTD	0.009	LTD	LTD	10.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Marystown</b>																									
Marystown	Fox Hill Reservoir / Clam Pond	Jun 19, 2019	LTD	2.2	LTD	LTD	LTD	0.080	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Marysvalle</b>																									
Marysvalle, Long Pond	Drilled	Jun 06, 2019	0.043	0.8	LTD	LTD	0.004	LTD	LTD	LTD	LTD	LTD	LTD	0.085	0.220	LTD	2.000	0.500	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Mattis Point</b>																									
Mattis Point	Drilled	Jun 21, 2019	LTD	LTD	LTD	LTD	0.028	LTD	LTD	0.003	0.020	LTD	LTD	0.001	LTD	LTD	3.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>McCallum</b>																									
McCallum	Drilled	Jun 25, 2019	0.015	19.0	LTD	0.300	0.010	0.760	LTD	0.002	LTD	LTD	0.00100	0.128	0.610	0.006	LTD	0.020	LTD	LTD	LTD	LTD	0.0060	0.040	
<b>Mount Pearl</b>																									
Mount Pearl	Bay Bulls Big Pond	Jun 20, 2019	0.210	1.4	LTD	0.310	LTD	0.050	LTD	LTD	LTD	LTD	LTD	0.035	LTD	0.001	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>New Harbour</b>																									
New Harbour	Williams Hill Well	May 29, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.011	LTD	LTD	LTD	0.006	LTD	LTD	5.000	LTD	LTD	LTD	LTD	LTD	0.0030	LTD	
New Harbour	Williams Hill Well	Jun 07, 2019	LTD	0.5	LTD	LTD	LTD	LTD	LTD	0.012	LTD	LTD	LTD	0.008	LTD	LTD	4.000	LTD	LTD	LTD	LTD	LTD	0.0030	LTD	
<b>Newman's Cove</b>																									
Newman's Cove	Heale Pond Brook	May 27, 2019	LTD	8.7	LTD	0.180	0.003	0.250	LTD	LTD	LTD	LTD	LTD	0.107	0.160	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Norris Arm</b>																									
Norris Arm (south)	Mill Lake	May 28, 2019	LTD	4.6	LTD	LTD	LTD	0.040	LTD	LTD	LTD	LTD	LTD	0.050	0.080	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>O'Donnells</b>																									
O'Donnell's	Well Field	Jun 03, 2019	LTD	LTD	0.140	LTD	0.004	LTD	LTD	0.002	0.030	LTD	LTD	LTD	LTD	LTD	5.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>O'Regans East</b>																									





## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc	
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0	
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A	
<b>O'Regans East</b>																								
O'Regan's East	Drilled	Jun 26, 2019	LTD	0.6	0.620	LTD	0.004	LTD	LTD	LTD	0.280	LTD	0.00100	0.006	LTD	LTD	6.000	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Paradise</b>																								
Paradise	Bay Bulls Big Pond	Jun 20, 2019	0.230	1.5	LTD	0.340	LTD	0.040	LTD	LTD	LTD	LTD	LTD	0.018	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Petley</b>																								
Petley	Drilled + Dug Reservoir	Jun 13, 2019	LTD	1.1	LTD	LTD	LTD	0.020	0.000800	0.007	0.090	LTD	LTD	0.002	LTD	LTD	2.000	LTD	LTD	LTD	LTD	0.0010	LTD	
<b>Piccadilly Slant-Abraham's Cove</b>																								
Abraham's Cove	#2 Well - Abraham's Cove	May 28, 2019	LTD	3.1	1.340	0.470	0.028	0.030	LTD	LTD	0.020	LTD	0.00100	0.018	0.030	LTD	5.000	LTD	LTD	LTD	LTD	LTD	LTD	
Piccadilly Slant	#1 Well - Piccadilly Slant	May 30, 2019	LTD	0.8	0.300	0.190	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.038	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Point of Bay</b>																								
Point of Bay	Indian Cove Pond	Jun 25, 2019	LTD	5.6	LTD	0.220	0.004	0.040	LTD	LTD	LTD	LTD	LTD	0.072	0.030	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Port Kirwan</b>																								
North Side	Dug Well / Drilled Well	May 28, 2019	LTD	LTD	LTD	LTD	LTD	0.010	LTD	0.005	0.040	LTD	LTD	0.397	LTD	LTD	3.000	LTD	LTD	LTD	LTD	LTD	LTD	
Port Kirwan	Developed Spring	May 28, 2019	LTD	LTD	0.290	LTD	LTD	0.040	LTD	LTD	LTD	LTD	LTD	0.183	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Port Rexton</b>																								
Port Rexton	#1 Well - Lois Long Well	May 30, 2019	LTD	LTD	0.930	0.150	LTD	LTD	LTD	0.001	LTD	LTD	LTD	0.032	LTD	LTD	8.000	0.020	LTD	LTD	LTD	LTD	LTD	
Hunchback Hill	#3 Well - Harold Vivian's Well	May 30, 2019	0.010	LTD	LTD	0.230	LTD	0.010	LTD	0.006	LTD	LTD	LTD	0.022	LTD	LTD	7.000	LTD	LTD	LTD	LTD	LTD	LTD	
Ship Cove	#5 Well - Mabel Clarke's Well	May 30, 2019	0.060	2.1	1.360	0.360	0.003	0.030	LTD	0.004	LTD	LTD	LTD	0.112	LTD	LTD	3.000	LTD	LTD	LTD	LTD	LTD	0.020	
Ship Cove	#6 Well - Banister's Well	May 30, 2019	0.020	0.6	0.730	0.160	LTD	LTD	0.001300	0.010	LTD	LTD	LTD	0.022	LTD	LTD	7.000	LTD	LTD	LTD	LTD	LTD	LTD	
Champneys Arm	Champney's Arm Well	May 30, 2019	0.110	1.6	LTD	LTD	LTD	LTD	LTD	0.002	0.010	LTD	LTD	0.003	LTD	LTD	8.000	0.010	LTD	LTD	LTD	0.0030	LTD	
<b>Port au Choix</b>																								
Port au Choix	Well Field	Jun 12, 2019	0.017	7.1	0.170	LTD	0.002	LTD	LTD	LTD	0.020	LTD	LTD	0.082	0.110	LTD	8.000	LTD	LTD	LTD	LTD	LTD	0.010	
<b>Port au Port East</b>																								



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>Port au Port East</b>																									
Port au Port East	Drilled Well - 75-80% Berry Head Watershed - 20-25%	May 29, 2019	LTD	0.6	0.180	LTD	LTD	LTD	LTD	LTD	0.120	LTD	LTD	0.036	LTD	0.005	16.000	LTD	LTD	LTD	LTD	LTD	LTD	0.050	
<b>Port au Port West-Aguathuna-Felix Cove</b>																									
Port au Port West, Aguathuna	#1 & #3 & #6 FatherJoy's Well	May 27, 2019	LTD	1.6	LTD	LTD	LTD	LTD	LTD	LTD	0.120	LTD	LTD	0.079	LTD	0.004	14.000	LTD	LTD	LTD	LTD	LTD	LTD	0.030	
Felix Cove	#4-Goose Pond Road Well	May 28, 2019	LTD	0.7	0.180	LTD	LTD	LTD	LTD	LTD	0.130	LTD	LTD	0.023	LTD	LTD	21.000	LTD	LTD	LTD	LTD	LTD	LTD	0.010	
Felix Cove	#5 Ocean View Drive Well	May 28, 2019	LTD	0.5	0.220	LTD	0.005	LTD	LTD	LTD	0.060	LTD	LTD	0.008	LTD	LTD	23.000	LTD	LTD	LTD	LTD	LTD	LTD	0.010	
<b>Portugal Cove-St. Phillips</b>																									
Portugal Cove-St. Phillips	Bay Bulls Big Pond	Jun 20, 2019	0.220	1.4	LTD	0.310	LTD	0.060	LTD	LTD	LTD	LTD	LTD	0.018	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Raleigh</b>																									
Raleigh	#4 Well	Jun 11, 2019	LTD	1.9	LTD	LTD	0.002	LTD	LTD	LTD	0.060	LTD	LTD	0.021	LTD	LTD	8.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Random Sound West</b>																									
North West Brook, Ivany Cove	#1 Well - Cabot Road South Well	Jun 26, 2019	LTD	2.3	LTD	LTD	LTD	LTD	LTD	LTD	0.260	LTD	LTD	0.004	LTD	LTD	7.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
North West Brook, Ivany Cove	#2 Well	Jun 14, 2019	LTD	0.8	0.400	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.006	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
North West Brook, Ivany Cove	#3 Well - Harbour Well	Jun 14, 2019	LTD	2.8	0.170	0.250	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.013	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
Queen's Cove	Reservoir	Jun 26, 2019	0.046	8.3	LTD	LTD	0.005	0.150	LTD	LTD	LTD	LTD	LTD	0.162	<u>0.340</u>	LTD	LTD	<u>0.060</u>	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Red Harbour</b>																									
Red Harbour	1A Well Drilled + 1C Dug Well (back-up)	Jun 20, 2019	LTD	1.6	LTD	LTD	LTD	LTD	LTD	LTD	0.100	LTD	LTD	0.041	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Reidville</b>																									
Reidville	Humber Canal, Grand Lake	Jun 05, 2019	LTD	3.6	0.170	LTD	LTD	0.040	LTD	LTD	LTD	LTD	LTD	0.261	0.060	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Renews-Cappahayden</b>																									
Cappahayden	#1 Dinn's Well	May 28, 2019	LTD	LTD	LTD	LTD	0.002	LTD	LTD	LTD	0.030	LTD	LTD	0.017	LTD	LTD	9.000	0.010	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Riverhead</b>																									
Riverhead (St. Mary's Bay)	Well Field	Jun 03, 2019	LTD	0.9	0.380	LTD	0.005	0.020	LTD	LTD	LTD	LTD	LTD	0.104	LTD	LTD	2.000	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Salvage</b>																									



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>Salvage</b>																									
Salvage	Wild Cove Pond	May 22, 2019	0.024	6.6	LTD	0.190	0.004	0.150	LTD	LTD	LTD	LTD	LTD	0.146	0.120	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD	0.010	
<b>Sandringham</b>																									
Sandringham	Drilled	May 22, 2019	LTD	LTD	0.360	LTD	LTD	0.010	LTD	LTD	0.010	LTD	LTD	0.006	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Sandy Cove</b>																									
Sandy Cove	Dug	May 22, 2019	LTD	LTD	0.420	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.199	0.050	0.001	1.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
<b>Sheaves Cove</b>																									
Sheaves Cove	Drilled	May 30, 2019	LTD	1.1	0.240	LTD	LTD	LTD	LTD	LTD	0.050	LTD	LTD	0.073	LTD	LTD	14.000	LTD	LTD	LTD	LTD	LTD	LTD	0.020	
<b>Ship Cove-Lower Cove-Jerry's Nose</b>																									
Ship Cove, Jerry's Nose	#5 Well - Murdock Wheeler Well	May 28, 2019	LTD	1.2	0.480	LTD	LTD	LTD	LTD	LTD	0.090	LTD	LTD	0.006	LTD	LTD	18.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
Lower Cove	#6 Well - Lower Cove Well	May 28, 2019	LTD	0.9	0.250	LTD	LTD	LTD	LTD	LTD	0.040	LTD	LTD	0.005	LTD	LTD	22.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
Ship Cove East	#3 Well - Bernard Brake Well	May 28, 2019	LTD	2.0	0.210	LTD	LTD	LTD	LTD	LTD	0.130	LTD	LTD	0.048	LTD	0.021	12.000	0.030	LTD	LTD	LTD	LTD	LTD	0.040	
Ship Cove, Jerry's Nose	#2 Well - Howard & Rodney Jesso Well	May 28, 2019	LTD	1.3	LTD	0.230	0.002	LTD	LTD	LTD	0.120	LTD	LTD	0.008	LTD	LTD	14.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	
Ship Cove, Jerry's Nose	#1 Well - PJ's Variety Well	May 28, 2019	LTD	1.2	LTD	0.270	0.008	LTD	LTD	LTD	0.120	LTD	LTD	0.005	0.050	LTD	18.000	0.070	LTD	LTD	LTD	LTD	0.0020	LTD	
<b>Small Point-Adam's Cove-Blackhead-Broad Cove</b>																									
Adam's Cove	#1 Well - Reg Burse Well	May 16, 2019	LTD	LTD	0.250	LTD	0.004	0.100	LTD	0.018	0.060	LTD	LTD	0.006	0.100	LTD	6.000	0.020	LTD	LTD	LTD	LTD	0.0010	LTD	
Blackhead	#4 Well - Leonard King Well	May 16, 2019	LTD	LTD	0.130	LTD	LTD	LTD	LTD	0.004	0.110	LTD	LTD	0.004	LTD	LTD	9.000	LTD	LTD	LTD	0.002	0.0010	0.030		
Broad Cove	#6 Well - Herb Trickett Well	May 16, 2019	LTD	LTD	0.200	LTD	LTD	LTD	LTD	0.004	0.100	LTD	LTD	0.004	LTD	LTD	9.000	LTD	LTD	LTD	0.001	0.0010	LTD		
Broad Cove	#7 Well - Gin Badcock Well	May 16, 2019	LTD	LTD	0.180	0.170	LTD	LTD	LTD	0.002	0.150	LTD	LTD	0.020	LTD	0.001	7.000	LTD	LTD	LTD	LTD	LTD	0.010		
Small Point	#8 Well - Effie Flight Wells	May 16, 2019	LTD	LTD	1.710	LTD	LTD	LTD	LTD	0.007	0.160	LTD	LTD	0.025	LTD	LTD	9.000	LTD	LTD	LTD	0.002	0.0030	0.020		
Small Point	#9 Well - Walter Reynolds Well	May 16, 2019	LTD	LTD	1.180	0.270	0.004	LTD	LTD	LTD	0.030	LTD	LTD	0.077	LTD	LTD	2.000	LTD	LTD	LTD	LTD	LTD	0.010		
<b>Smith's Sound</b>																									
Harcourt-Monroe-Waterville	Developed Spring	Jun 13, 2019	LTD	LTD	0.110	LTD	0.004	LTD	LTD	LTD	LTD	LTD	LTD	0.023	LTD	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD	LTD	



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>South Dildo</b>																									
South Dildo	#5 Well - Calvin Reid Well	May 29, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.002	LTD	LTD	4.000	0.010	LTD	LTD	LTD	LTD	LTD		
<b>Springdale</b>																									
Springdale Industrial Park	Well	Jun 28, 2019	LTD	0.6	0.170	LTD	LTD	LTD	LTD	0.002	0.020	LTD	LTD	0.011	LTD	LTD	4.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>St. Alban's</b>																									
St. Alban's	Well Field	Jun 26, 2019	LTD	LTD	0.220	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.007	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
<b>St. Andrews</b>																									
St. Andrew's	#1 Well	Jun 26, 2019	LTD	1.1	0.550	0.660	LTD	0.010	LTD	LTD	0.590	LTD	0.00100	0.007	LTD	LTD	15.000	LTD	LTD	LTD	LTD	LTD	LTD		
St. Andrew's	#2 Well	Jun 26, 2019	0.027	1.2	LTD	LTD	LTD	LTD	LTD	LTD	0.100	LTD	LTD	LTD	LTD	LTD	3.000	0.250	LTD	LTD	LTD	LTD	LTD		
St. Andrew's East	#3 Well	Jun 26, 2019	LTD	2.4	0.460	LTD	0.004	0.050	LTD	LTD	0.120	LTD	0.00100	0.003	0.040	LTD	4.000	LTD	LTD	LTD	LTD	LTD	LTD		
Air Strip Road	#4 Well Strip Road Well	Jun 26, 2019	0.064	0.6	LTD	LTD	LTD	LTD	LTD	LTD	0.140	LTD	LTD	LTD	LTD	LTD	7.000	0.740	LTD	LTD	LTD	LTD	LTD		
<b>St. Anthony</b>																									
St. Anthony	St. Anthony Pond	Jun 11, 2019	LTD	6.0	LTD	LTD	0.003	0.050	LTD	LTD	LTD	LTD	0.00200	0.219	0.100	0.002	4.000	LTD	LTD	0.011	LTD	LTD	LTD		
<b>St. George's</b>																									
St. George's	Wellfield	Jun 21, 2019	LTD	0.7	LTD	LTD	0.003	LTD	LTD	LTD	0.010	LTD	0.00100	0.045	0.120	LTD	4.000	0.020	LTD	LTD	LTD	LTD	LTD		
<b>St. John's</b>																									
St. John's (+Mt. Pearl, +Paradise, +Portugal Cove-St. Phillips, +CBS)	Bay Bulls Big Pond	Jun 20, 2019	0.200	1.5	LTD	0.310	LTD	0.050	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
St. John's	Windsor Lake	Jun 13, 2019	LTD	2.1	LTD	LTD	LTD	0.030	LTD	LTD	LTD	LTD	LTD	0.013	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD		
St. John's	Petty Harbour Long Pond	Jun 13, 2019	LTD	1.9	LTD	LTD	LTD	0.050	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.090		
<b>St. Joseph's</b>																									
St. Joseph's S.M.B.	Drilled	Jun 03, 2019	LTD	1.0	LTD	LTD	LTD	LTD	LTD	0.003	0.030	LTD	LTD	0.005	LTD	LTD	5.000	0.010	LTD	LTD	LTD	LTD	LTD		
<b>St. Lunaire-Griquet</b>																									
St. Lunaire-Griquet	Drilled	Jun 11, 2019	0.140	2.4	LTD	0.190	0.003	LTD	LTD	LTD	0.060	LTD	LTD	0.002	0.340	LTD	6.000	0.040	LTD	LTD	LTD	0.0030	LTD		
<b>St. Mary's</b>																									



## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A
<b>St. Mary's</b>																							
St. Mary's	Wellfield	Jun 03, 2019	LTD	4.3	LTD	LTD	0.003	0.170	LTD	LTD	0.010	LTD	LTD	0.045	0.070	LTD	1.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>St. Patricks</b>																							
St. Patricks	David Joy Well	Jun 28, 2019	LTD	LTD	LTD	LTD	LTD	LTD	LTD	0.004	LTD	LTD	LTD	0.005	LTD	LTD	6.000	0.010	LTD	LTD	LTD	LTD	LTD
<b>St. Pauls</b>																							
St. Pauls	Two Mile Pond	Jun 19, 2019	LTD	5.5	LTD	0.150	0.007	0.030	LTD	LTD	0.030	LTD	LTD	0.241	0.110	LTD	3.000	LTD	LTD	LTD	LTD	LTD	0.010
<b>Stephenville</b>																							
Stephenville	Well Field	May 27, 2019	LTD	LTD	0.180	LTD	LTD	LTD	LTD	LTD	0.050	LTD	LTD	0.020	LTD	LTD	10.000	0.010	LTD	LTD	LTD	LTD	LTD
<b>Stephenville Crossing</b>																							
Stephenville Crossing	Well Fields 1 & 2	May 27, 2019	LTD	LTD	0.250	LTD	LTD	LTD	LTD	LTD	0.020	LTD	0.00200	0.006	LTD	LTD	10.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Sunnyside (T.B.)</b>																							
Sunnyside	Center Cove River	May 22, 2019	LTD	3.6	LTD	LTD	0.006	0.110	LTD	LTD	LTD	LTD	LTD	0.037	0.060	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
<b>Swift Current</b>																							
Swift Current	Drilled	Jun 26, 2019	LTD	2.4	LTD	LTD	0.051	0.270	LTD	LTD	0.020	LTD	LTD	0.005	<u>1.590</u>	LTD	6.000	<span style="border: 1px solid black; padding: 2px;">1.780</span>	LTD	LTD	LTD	0.0080	0.040
<b>Terrenceville</b>																							
Terrenceville	Big Brook	Jun 21, 2019	0.023	4.5	LTD	LTD	0.003	0.140	LTD	LTD	LTD	LTD	LTD	0.140	0.170	LTD	LTD	0.020	LTD	LTD	LTD	LTD	LTD
<b>Tompkins</b>																							
Tompkins	Greg Wall Well	Jun 26, 2019	LTD	LTD	0.260	LTD	LTD	0.020	LTD	LTD	0.090	LTD	0.00100	LTD	LTD	LTD	7.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Upper Amherst Cove</b>																							
Upper Amherst Cove	Drilled	May 30, 2019	0.020	1.7	LTD	LTD	LTD	LTD	LTD	LTD	0.020	LTD	LTD	0.011	LTD	LTD	8.000	LTD	LTD	LTD	LTD	LTD	LTD
<b>Upper Ferry</b>																							
Upper Ferry - Lower	#1 Well - Gerard Brownrigg Well	Jun 26, 2019	LTD	0.8	0.710	0.180	0.005	0.020	LTD	LTD	0.280	LTD	0.00100	0.008	LTD	LTD	13.000	LTD	LTD	LTD	LTD	LTD	LTD
Upper Ferry - Middle	#2 Well - Hughie MacIassac Well	Jun 26, 2019	LTD	LTD	0.270	LTD	0.009	LTD	LTD	LTD	0.100	LTD	0.00100	0.004	LTD	LTD	6.000	LTD	LTD	LTD	LTD	LTD	LTD
Upper Ferry - Upper	#3 Well - Marshall Devoe Well	Jun 25, 2019	LTD	LTD	0.150	LTD	0.005	LTD	LTD	LTD	0.160	LTD	0.00200	LTD	LTD	LTD	8.000	LTD	LTD	LTD	LTD	LTD	LTD

## Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

### Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc		
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Guidelines for Canadian Drinking Water Quality					10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0		
Aesthetic (A) or Contaminant (C) Parameter					C				C	C	C	C	C	A	A	C		A / C	C		C	C	A		
<b>Upper Ferry</b>																									
Upper Ferry	#4 Well - Angus MacNeil Well	Jun 26, 2019	0.013	0.5	LTD	LTD	0.002	LTD	LTD	0.002	0.070	LTD	LTD	0.003	LTD	LTD	7.000	LTD	LTD	LTD	LTD	LTD	LTD		
<b>Wabana</b>																									
Wabana	Middleton Ave	Jun 27, 2019	LTD	3.9	LTD	LTD	0.006	LTD	LTD	LTD	0.090	LTD	LTD	0.024	0.030	LTD	7.000	<u>0.080</u>	LTD	LTD	LTD	LTD	LTD		
Wabana	#3 Yard West Mines Road	Jun 27, 2019	0.031	3.6	LTD	LTD	0.030	LTD	LTD	0.001	0.100	LTD	LTD	0.040	LTD	LTD	7.000	<span style="border: 1px solid black; padding: 2px;">0.200</span>	LTD	LTD	LTD	LTD	LTD		
Wabana	#4-West Mines Road	Jun 27, 2019	0.045	4.4	LTD	LTD	0.038	LTD	LTD	0.001	0.050	LTD	LTD	0.004	LTD	LTD	7.000	<span style="border: 1px solid black; padding: 2px;">0.180</span>	LTD	LTD	LTD	LTD	LTD		
Wabana	Normore Crescent East #1	Jun 27, 2019	0.082	3.2	LTD	LTD	0.007	LTD	LTD	LTD	0.110	LTD	LTD	0.089	LTD	LTD	7.000	<span style="border: 1px solid black; padding: 2px;">0.150</span>	LTD	LTD	LTD	LTD	LTD		
Wabana	Quigley's Line	Jun 27, 2019	0.108	3.3	LTD	0.260	0.013	LTD	LTD	0.002	0.190	LTD	LTD	0.081	LTD	LTD	7.000	<u>0.100</u>	LTD	LTD	LTD	LTD	LTD		
Wabana	Scotia #1	Jun 27, 2019	LTD	4.2	LTD	LTD	0.030	LTD	LTD	0.002	0.040	LTD	LTD	0.016	0.050	LTD	6.000	<span style="border: 1px solid black; padding: 2px;">0.190</span>	LTD	LTD	LTD	LTD	LTD		
Wabana	St. Edward's Memorial St.	Jun 27, 2019	0.069	LTD	LTD	LTD	0.046	0.050	LTD	LTD	0.020	LTD	LTD	0.002	0.040	LTD	LTD	0.010	LTD	LTD	LTD	LTD	LTD		
Wabana	Mixed Supplies	Jun 27, 2019	LTD	2.0	LTD	LTD	0.016	LTD	LTD	0.006	0.110	LTD	LTD	0.023	<u>0.630</u>	LTD	7.000	<span style="border: 1px solid black; padding: 2px;">0.180</span>	LTD	LTD	LTD	LTD	LTD		
Wabana	Mixed Supplies	Jun 27, 2019	LTD	1.7	LTD	LTD	0.005	LTD	LTD	0.002	0.090	LTD	LTD	0.024	0.070	LTD	6.000	<u>0.030</u>	LTD	LTD	LTD	LTD	LTD		
Wabana	Mixed Supplies	Jun 27, 2019	LTD	1.8	LTD	LTD	0.007	LTD	LTD	0.004	0.090	LTD	LTD	0.017	0.260	LTD	6.000	<u>0.120</u>	LTD	LTD	LTD	LTD	LTD		
<b>Winterland</b>																									
Winterland	Well Field	Jun 19, 2019	LTD	LTD	0.680	LTD	LTD	LTD	LTD	LTD	0.020	LTD	LTD	0.003	LTD	LTD	4.000	LTD	LTD	LTD	LTD	0.0030	LTD		



# Tap Water Quality for Public Water Supplies in Newfoundland and Labrador

## Nutrients and Metals

Serviced Area(s)	Source Name	Sample Date	Ammonia	DOC	Nitrate(ite)	Kjeldahl Nitrogen	Total Phosphorus	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Selenium	Uranium	Zinc
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Guidelines for Canadian Drinking Water Quality				10				0.006	0.01	1.0	0.005	0.05	1.0	0.3	0.005		0.02 / 0.12	0.001		0.01	0.02	5.0
	Aesthetic (A) or Contaminant (C) Parameter				C				C	C	C	C	C	A	A	C		A / C	C		C	C	A

Tap water samples are collected semi annually from drinking water faucets of one or more homes, public buildings, or businesses in your community. Tap or treated water quality is monitored to check its compliance with the Guidelines for Canadian Drinking Water Quality (GCDWQ). Tap water quality is also monitored so that water that is being consumed at the tap can be compared with the untreated source water quality. Any variations between source and tap water quality represents the effectiveness of the treatment and disinfection system, and the influences of the distribution system due to plumbing in local homes, public buildings, or businesses. The values for each parameter are as reported by the lab and verified by the department.

Quality Assurance / Quality Control (QA/QC) - The department is striving to improve the quality of the data using standard QA/QC protocols. This is an evolving process which may result in minor changes to the reported data.

LTD - Less Than Detection Limit - The detection limit is the lowest concentration of a substance that can be determined using a particular test method and instrument. Detection limits vary from parameter to parameter and change from time to time due to improvements in analytical procedures and equipment.

The exceedance report for tap water provides a brief discussion and interpretation of health related water quality parameters, if any, that exceed the acceptable limits as set out in the GCDWQ.

Aesthetic (A) Parameters - Aesthetic parameters reflect substances or characteristics of drinking water that can affect its acceptance by consumers but which usually do not pose any health effects. Aesthetic exceedances are highlighted in **blue text** and underlined.

Contaminants (C) - Contaminants are substances that are known or suspected to cause adverse effects on the health of some people when present in concentrations greater than the established Maximum Acceptable Concentrations (MACs) or the Interim Maximum Acceptable Concentrations (IMACs) of the GCDWQ. Each MAC has been derived to safeguard health assuming lifelong consumption of drinking water containing the substance at that concentration. IMACs are reviewed periodically as new information becomes available. Please consult your Medical Officer of Health for additional information on the health aspects on contaminants. Contaminant exceedances are highlighted in **red text** and enclosed in a box.

The reported information is for supplies selected for sampling and may not include all public water supplies.

### Contaminant and Aesthetic Exceedances

**Nitrate(ite)** - The maximum acceptable concentration for nitrate(ite) in drinking water is 10 mg/L expressed as nitrate-nitrogen. Nitrate and nitrite are naturally occurring ions that are widespread in the environment. High levels of this contaminant can cause adverse health effects for some people.

**Antimony** - The interim maximum acceptable concentration (IMAC) for antimony in drinking water is 0.006 mg/L. It is a naturally occurring metal that is introduced into water through the natural weathering of rocks, runoff from soils, effluents from mining and manufacturing operations, industrial and municipal leachate discharges and from household piping and possibly non-lead solder. High levels of this contaminant can cause adverse health effects for some people.

**Arsenic** - The interim maximum acceptable concentration for arsenic in drinking water is 0.01 mg/L. Arsenic is introduced into water through the dissolution of minerals and ores, from industrial effluents and via atmospheric deposition. High levels of this contaminant can cause adverse health effects for some people.

**Barium** - The maximum acceptable concentration for barium in drinking water is 1.0 mg/L. Barium is not found free in nature but occurs as in a number of compounds. High levels of this contaminant can cause adverse health effects for some people.

**Cadmium** - The maximum acceptable concentration for cadmium in drinking water is 0.005 mg/L. Cadmium that is present as an impurity in galvanized pipes, a constituent of solders used in fitting water heaters or incorporated into stabilizers in black polyethylene pipes may contaminate water supplies during their distribution. High levels of this contaminant can cause adverse health effects for some people.

**Chromium** - The maximum acceptable concentration for chromium in drinking water is 0.05 mg/L. High levels of this contaminant can cause adverse health effects for some people.

**Lead** - The maximum acceptable concentration for lead in drinking water is 0.005 mg/L. Lead is present in tap water as a result of dissolution from natural sources or from the distribution systems and plumbing containing lead in pipes, solder or service connections. High levels of this contaminant can cause adverse health effects for some people.

**Mercury** - The maximum acceptable concentration for mercury in drinking water is 0.001 mg/L. High levels of this contaminant can cause adverse health effects for some people.

**Selenium** - The maximum acceptable concentration for selenium in drinking water is 0.01 mg/L. High levels of this contaminant can cause adverse health effects for some people.

**Uranium** - The interim maximum acceptable concentration for uranium in drinking water is 0.02 mg/L. Uranium may enter drinking water from naturally occurring deposits or as a result of human activity, such as mill tailings and phosphate fertilizers. High levels of this contaminant can cause adverse health effects for some people.

**Copper** - The aesthetic objective for copper in drinking water is 1.0 mg/L. Copper is widely distributed in nature and is found frequently in surface water and in some groundwater. Usually, copper in tap water is the result of dissolution of copper piping within the distribution system. The aesthetic objective was set to ensure palatability and to minimize staining of laundry and plumbing fixtures. Copper is an essential element in human metabolism and copper deficiency results in a variety of clinical disorders. At extremely high doses copper intake can result in adverse health effects. High levels of copper in tap water may result in blue-green staining on some fixtures.

**Manganese** - The maximum acceptable concentration for manganese in drinking water is 0.12 mg/L and the aesthetic objective for manganese in drinking water is 0.02 mg/L. Usually, manganese in drinking water is the result of high amounts of manganese in the source water supply's bedrock. Levels above the maximum acceptable concentration can cause adverse health effects for some people. Levels above the aesthetic objective may cause staining of plumbing and laundry and undesirable tastes in beverages.

**Iron** - The aesthetic objective for iron in drinking water is 0.3 mg/L. Usually, iron in tap water is the result of high iron content in the raw water and dissolution of iron piping within the distribution system. Iron is an essential element in nutrition. High levels of iron in tap water can cause staining of laundry and plumbing fixtures, unpleasant taste, colour and promote biological growths in the distribution system.

**Zinc** - The aesthetic objective for zinc in drinking water is 5.0 mg/L. Zinc in water can be naturally occurring or due to zinc in plumbing materials. Zinc is an essential element for human nutrition. Long term ingestion of zinc has not resulted in adverse effects. Water with zinc concentrations higher than the aesthetic objective has an astringent taste and may be opalescent and develop a greasy film on boiling.

mg/L = milligrams per litre or parts per million      µS/cm = micro Siemens per centimeter      NTU = nephelometric turbidity units      TDS = total dissolved solids      TSS = total suspended solids      TCU = true colour units      Nitrate(ite) = Nitrate + Nitrite      DOC = dissolved organic carbon

#### Notes:

Guidelines for Canadian Drinking Water Quality have not been developed for all the parameters listed in this report.

pH has no units