

Memorial University Water Quality Testing Results

Updated Oct. 6, 2015

Legend:

ND: non detect (no detectable lead)
Test results exceed the maximum allowable concentration (MAC) of 10 micrograms per litre, as published by Health Canada
First-draw samples collected from stagnant water for diagnostic purposes. Not indicative of overall drinking water quality.

Testing dates: July 30 - Aug. 4

The testing protocol for this round of testing involved taking three samples at each of three locations per building; three at the water entry point to the building (most often a mechanical room); three at a faucet midway through the building; and three at a faucet at a far point in the building. The below results show ug/L.

Location	Entry Point			Mid Tap			Far Tap		
	1	2	3	1	2	3	1	2	3
1 Clark Place	0.60	ND	ND	Only 1 Tap in Building			Only 1 Tap in Building		
202 Elizabeth Avenue (CE)	ND	ND	0.50	ND	ND	ND	Only 2 Taps in Building		
208 Elizabeth Avenue (BP)	ND	ND	ND	0.70	ND	0.60	0.70	0.70	0.70
4 Clark Place	ND	ND	ND	0.60	ND	ND	Only 2 Taps in Building		
6 Clark Place (CM)	ND	ND	ND	Only 1 Tap in Building			Only 1 Tap in Building		
Alumni Affairs (LL)	0.58	0.57	0.57	0.63	0.85	3.60	0.73	ND	ND
Aquarena	ND	ND	1.30	ND	ND	ND	ND	ND	ND
Arts & Administration - OLD (A)	0.70	0.94	1.00	ND	ND	ND	ND	ND	ND
Arts & Administration - NEW (A)	71.00	12.00	22.00	0.94	0.91	0.97	ND	ND	ND
Biotechnology (BT) (1003)	16.00	5.00	53.00	1.30	2.90	1.10	ND	ND	ND
BP - Baltimore (BM)	0.75	0.80	0.65	ND	0.51	0.52	ND	ND	ND
BP - Cabot (CT)	2.00	2.10	2.00	ND	ND	ND	ND	ND	ND
BP - Corte Real (CA)	0.87	1.80	1.80	1.90	1.90	1.90	1.70	1.70	1.70
BP - Gilbert (GB)	3.20	1.90	2.30	1.10	0.85	0.85	0.57	0.59	1.30
BP - Guy (GY)	1.10	0.94	1.50	0.57	0.64	0.57	0.73	0.84	0.74
Bruneau Centre (IIC)	1.50	2.50	1.20	ND	ND	ND	ND	ND	ND
Business (BN)	1.10	0.93	0.92	ND	ND	ND	ND	ND	ND
C-CORE (North)	24.00	3.10	630.00	1.40	1.80	2.30	3.70	3.60	3.60
Chemistry-Physics (C)	9.40	6.70	6.80	1.50	1.60	1.80	16.00	15.00	15.00
Computing Services (CS)	14.00	52.00	27.00	1.20	1.20	1.30	0.76	0.64	0.70
Coughlan College	ND	ND	ND	1.10	1.10	1.20	1.70	2.00	1.70
Earth Sciences (ER)	1.70	1.90	1.90	ND	ND	ND	0.67	0.60	0.63
Education (ED)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Facilities Management (FM)	860.00	380.00	220.00	ND	ND	ND	ND	ND	0.59
Feild Hall	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field House (FH1000)	3.00	18.00	2.50	11.00	10.00	10.00	1.10	1.10	1.10
Field House (FH2000)	3.00	18.00	2.50	11.00	10.00	10.00	1.10	1.10	1.10
Field House (FH2006)	3.00	18.00	2.50	11.00	10.00	10.00	1.10	1.10	1.10
Hatcher House	3.80	3.70	3.80	1.00	0.78	0.84			
Health Sciences Centre	6.20	5.30	4.50	Only entry point sampled using this protocol					
Library (L)	12.00	15.00	9.30	ND	ND	ND	0.60	0.61	0.61
Mathematics (HH)	1.30	1.30	3.40	ND	ND	ND	0.64	0.62	0.55
Paton - Barnes (BA)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Paton - Blackhall (BL)	ND	0.88	ND	1.20	1.20	1.10	1.60	1.40	1.50
Paton - Bowater (BO)	23.00	23.00	22.00	ND	ND	ND	ND	ND	ND
Paton - Burke (BU)	1.10	0.98	0.66	ND	ND	ND	ND	ND	ND
Paton - Curtis (CU)	3.40	1.80	4.20	0.87	1.10	1.10	ND	ND	ND
Paton - Doyle (DO)	0.68	1.60	11.00	0.73	0.69	0.61	2.30	1.50	1.90
Paton - Rothermere (RO)	ND	ND	ND	ND	ND	ND	0.67	0.77	0.75
Paton - Squires (SQ)	0.99	0.85	0.88	ND	ND	ND	ND	ND	ND
Physical Ed (PE)	ND	ND	ND	1.00	1.00	0.99	3.20	3.50	3.00
Printing Services (PS)	0.64	0.85	0.83	4.50	3.50	3.40	1.70	1.80	1.70
Queen's College (QC)	83.00	220.00	120.00	1.30	1.20	0.90			
Queen's College Garden Tap****	1 Tap from Queen's College			1.10	1.30	1.10	1 Tap from Queen's College		
R. Gushue Hall (DH)	ND	ND	ND	ND	ND	ND	0.67	0.77	0.75
Science (SN)	82.00	21.00	34.00	ND	1.40	ND	ND	ND	ND
South Campus Boiler Plant	13.00	31.00	37.00	ND	ND	ND	ND	ND	ND
Spencer Hall (SP)	1.90	0.57	0.63	3.60	3.40	3.60	5.20	5.40	5.00
St. John's College (J)	Under Renovation			Under Renovation			Under Renovation		
Tower - Cluett Hall	1.60	2.10	4.30	0.58	0.06	0.06	2.30	2.30	2.30
Tower - Shiwak Hall	1.50	77.00	1.30	1.00	1.00	1.10	2.20	2.20	2.30
Utilities Annex (UA)	3.20	11.00	3.00	ND	ND	ND			

Queen's College will remain on bottled water due to previously identified water quality issues.

Memorial University Water Quality Testing Results

Updated Oct. 6, 2015

Testing date: August 4 - present

The testing protocol for this round of testing involved collecting drinking water samples at faucets and fountains where drinking water may be consumed in a building. This testing protocol involves flushing the water for minimum of 15 minutes at each faucet or fountain, and then blocking off access to the outlet so the water stagnates for 8-24 hours. Four samples are then collected at each location at zero minutes, five minutes, 10 minutes and 15 minutes. The first column ('initial samples') refers to the samples that were initially collected in various locations using this modified sampling method. The second column ('investigation samples') refers to samples taken from the at the same location where initial test results exceeded the Health Canada guideline. The same flushing, stagnation, and timed sampling intervals were used in the investigation samples.

Location	Initial samples				Investigation samples			
	0 Min	5 Min	10 Min	15 Min	0 Min	5 Min	10 Min	15 Min
1 Clark Place	Not required. Initial tests clear.				Not required. Initial tests clear.			
202 Elizabeth Avenue (CE)	Not required. Initial tests clear.				Not required. Initial tests clear.			
208 Elizabeth Avenue (BP)	Not required. Initial tests clear.				Not required. Initial tests clear.			
4 Clark Place	Not required. Initial tests clear.				Not required. Initial tests clear.			
6 Clark Place (CM)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Alumni Affairs (LL)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Aquarena	Not required. Initial tests clear.				Not required. Initial tests clear.			
Arts & Administration - OLD (A)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Arts & Administration - NEW (A)	4.3	ND	ND	ND	Not required. Initial tests clear.			
Biotechnology (BT) (1003)	370	17	15	15	1600	17	16	23
BP - Baltimore (BM)	Not required. Initial tests clear.				Not required. Initial tests clear.			
BP - Cabot (CT)	Not required. Initial tests clear.				Not required. Initial tests clear.			
BP - Corte Real (CA)	Not required. Initial tests clear.				Not required. Initial tests clear.			
BP - Gilbert (GB)	Not required. Initial tests clear.				Not required. Initial tests clear.			
BP - Guy (GY)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Bruneau Centre (IIC)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Business (BN)	Not required. Initial tests clear.				Not required. Initial tests clear.			
C-CORE (North)	5.6	1.2	1.2	ND	Not required. Initial tests clear.			
Chemistry-Physics (C)	6.3	ND	ND	ND	16	1.4	1.3	1.3
Computing Services (CS)	66	1.8	1.2	1.1	62	2.2	1.9	1.8
Coughlan College	Not required. Initial tests clear.				Not required. Initial tests clear.			
Earth Sciences (ER)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Education (ED)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Facilities Management (FM)	3.3	ND	ND	ND	Not required. Initial tests clear.			
Feild Hall	Not required. Initial tests clear.				Not required. Initial tests clear.			
Field House (FH1000)	0.93	ND	ND	ND	Not required. Initial tests clear.			
Field House (FH2000)	ND	ND	ND	ND	Not required. Initial tests clear.			
Field House (FH2006)	1.7	0.55	ND	ND	Not required. Initial tests clear.			
Hatcher House	Not required. Initial tests clear.				Not required. Initial tests clear.			
Health Sciences Centre	Not required. Initial tests clear.				Not required. Initial tests clear.			
Library (L)	45	0.68	ND	ND	13	0.93	0.89	0.66
Mathematics (HH)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Mt. Scio Media Services (MS-1100)	9.2	7.2	6.4	5.3	Not required. Initial tests clear.			
Mt. Scio Media Services (MS-1024)	3.2	2.4	2.4	3.5	Not required. Initial tests clear.			
Mt. Scio Media Services (MS-1C01)	37	2.6	1.9	3	35	12	13	13
Medical Education Centre (M2M100)	2.1	ND	ND	ND	Not required. Initial tests clear.			
Medical Education Centre (M5M115)	3.8	ND	ND	ND	Not required. Initial tests clear.			
Paton - Barnes (BA)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Paton - Blackhall (BL)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Paton - Bowater (BO)	1.2	ND	ND	ND	Not required. Initial tests clear.			
Paton - Burke (BU)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Paton - Curtis (CU)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Paton - Doyle (DO)	1	ND	ND	ND	Not required. Initial tests clear.			
Paton - Rothermere (RO)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Paton - Squires (SQ)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Physical Ed (PE)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Printing Services (PS)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Queen's College (QC)	1.9	ND	ND	ND	Not required. Initial tests clear.			
R. Gushue Hall (DH)	Not required. Initial tests clear.				Not required. Initial tests clear.			
Science (SN)	4.8	ND	ND	ND	Not required. Initial tests clear.			
South Campus Boiler Plant	7.6	0.81	0.71	0.65	Not required. Initial tests clear.			
Spencer Hall (SP)	Not required. Initial tests clear.				Not required. Initial tests clear.			
St. John's College (J)	Under Renovation				Under Renovation			
Tower - Cluett Hall	4.2	0.98	0.89	0.62	Not required. Initial tests clear.			
Tower - Shiwak Hall	5	1.1	0.97	0.79	Not required. Initial tests clear.			
Utilities Annex (UA)	ND	ND	ND	ND	Not required. Initial tests clear.			

Queen's College will remain on bottled water due to previously identified water quality issues.

Memorial University Water Quality Testing Results

Updated Sept. 25, 2015

The testing protocol used during the following three rounds of testing was developed to investigate possible sources of lead in areas that had previously shown higher than acceptable levels of lead in drinking water. It involved flushing the water for a minimum of 15 minutes at each drinking water outlet, then blocking off access to the outlet so the water stagnates for 8-24 hours. The results at the 20 or 30 second mark represent stagnant water and are not indicative of the overall drinking water quality from these outlets. This data is used to identify localized issues within the plumbing system requiring remediation. These buildings remained under water restrictions while this testing and remediation was underway. Based on the remediation work stemming from these results, Biotechnology, Chemistry-Physics, Computing Services and the QEII Library have had all restrictions lifted. See http://www.mun.ca/health_safety/waterqualityupdate.php for further details.

Testing dates: Aug. 11-21, 2015				
Location & sample collection date	30 Sec	5 Min	10 Min	15 Min
Biotechnology (BT) (1003) Aug. 21/15	310	3.2	2.7	2.4
Biotechnology (BT) (1003) Aug. 14/15	3400	5.8	4.7	4.2
Biotechnology (BT) (1002) Aug.21/15	240	8.1	7.6	7.2
Biotechnology (BT) (1002) Aug.11/15	430	7	4.6	3.8
Biotechnology (BT) (Water Filling Station)	0.59	ND	ND	ND
Chemistry-Physics (C) (5C01) Aug 21./15	18	0.92	0.79	0.74
Computing Services (CS) (1012)Aug.21/15	65	2	1.8	1.7
Library (L) Aug 21./15	18	0.72	ND	ND

Testing date: Aug. 26, 2015		
Location & sample collection date	20 Sec	55 Sec
Library (L) (L1010) Aug. 26/15	0.63	0.54
Chemistry-Physics (C) (5C01) Aug. 26/15	14	3.2
Biotechnology (BT) (1002) Aug. 26/15	9	7.3
Biotechnology (BT) (1003) Aug. 26/15	11	7.6
Computing Services (CS) (1012)Aug.26/15	3.3	1.6

Testing date: Sept. 7, 2015				
Location & sample collection date	30 Sec	5 Min	10 Min	15 Min
Biotechnology (BT) (1003) Sept. 7/15	12	5.8	5.2	4.9
Biotechnology (BT) (1002) Sept. 7/15	4.9	2.6	2.2	2.1
Computing Services (CS) (1012)Sept.7/15	5.9	4.1	1	0.97
Library (L) (L1010) Sept. 7/15	0.57	ND	ND	ND
Chemistry-Physics (C) (5C01) Sept.7/15	13	1.2	0.8	0.78