



Schools to believe in!

RENFREW COUNTY CATHOLIC DISTRICT SCHOOL BOARD

MEMORANDUM

TO: Ivan Johnson

FROM: Renee Rivard
Community Use of Schools/Plant Services Officer

DATE: August 24, 2022

SUBJECT: Lead-Testing Report

The attached report requested by the Renfrew County Catholic District School Board describes the impact of the lead in our school drinking water systems. I believe you will find the results of the study useful in evaluating future lead outputs in our schools.

This study was designed to examine lead in our schools and actions, which were taken to resolve the issues.

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LEAD EXCEEDANCE TEST RESULTS

As required under the Ontario Regulation 243/07—Schools, Private Schools and Day Nurseries under the Safe Drinking Water Act; there is a mandatory annual sampling and testing of school water systems for lead in drinking water. All RCCDSB's school sites had lead sampling completed in the summer. Two required samples are taken; the first of the two are taken from a tap which is commonly used to provide water for consumption by children under 18 years of age (not a fountain), however has been unused for six hours or more. The second sample is taken after the water has been flushed through the system for at least five minutes.

The following chart illustrates the exceedance of lead in specific schools drinking water systems. The Ontario Regulation 243/07 standard for Lead is 10ug/L. We had two distribution taps that did not meet the standard. A written notice was sent out to each school affected, the Ministry of the Environment, as well as the Medical Officer of Health.

The recommendation from the Renfrew County District Health Unit is that the schools will continue to follow Reg.243/07 flushing daily to reduce the concentration of lead in our drinking water. Results indicate flushing reduces lead below the acceptable standard.

SCHOOLS TESTED WITH EXCEEDANCES

The Lead exceedance for St. Mary's OLGC had the exceedance in the standing therefore, that tap will be flushed daily until it has good results for two consecutive years.

The Lead exceedance for Bishop Smith CHS had the exceedance the standing therefore, the old fountain was removed. As well the tap will continue to be flushed daily until it has good results for two consecutive years.

School Name	SFIS #	DWS Number	Collection Date	Location Type	Parameter Name	Test Result	Ontario Standard
St. Mary's OLGC	4274	500123722	2022/06/23	Standing – Tap in Room 143 Middle back Flushed – Tap in Room 143 Middle back	Lead Lead	16.5 MAC 2.37 ug/L	10 ug/L
Bishop Smith CHS	3052/ 3065	500045189	2022/06/29	Standing – Fountain by Room 259 Flushed – Fountain by Room 259	Lead Lead	12.6 MAC 5.46 ug/L	10 ug/L
Bishop Smith CHS	3052/ 3065	500045189	2022/06/29	Standing – Cafeteria Kitchen far tap Flushed – Cafeteria Kitchen far tap	Lead Lead	16.5 MAC 5.60 ug/L	10 ug/L

SCHOOLS TESTED WITHOUT EXCEEDANCES

School Name	SFIS Number	Collection Date	Test Results	Location Type
St. John XXIII	3356	2022/06/24	0.24 ug/L 0.33 ug/L	Standing – Fountain in Room 109 Flushed – Fountain in Room 109
St. Joseph's, Arnprior	4085	2022/06/24	0.49 Ug/L 0.36 ug/L	Standing – Fountain in Room 5 Flushed – Fountain in Room 5
St. Joseph's, Arnprior	4085	2022/06/24	0.25 ug/L 0.02 ug/L	Standing – Fountain by Room 19 Bubbler fill Flushed – Fountain by Room 19 Bubbler fill
St. Joseph's, Arnprior	4085	2022/06/28	0.01 ug/L 0.01 ug/L	Standing – Fountain by Room 19 Bottle fill Flushed – Fountain by Room 19 Bottle fill
St. John Bosco	4056	2022/06/27	0.11 ug/L 0.12 ug/L	Standing – Fountain by Gym Bottle fill Flushed – Fountain by Gym Bottle fill
St. John Bosco	4056	2022/06/28	0.15 ug/L 0.14 ug/L	Standing – Fountain by Gym Bubbler fill Flushed – Fountain by Gym Bubbler fill
St. Joseph's, Calabogie	4088	2022/06/22	2.25 ug/L 0.37 ug/L	Standing – Tap by stove in room 12 Flushed – Tap by stove in rm 12
St. Joseph's, Calabogie	4088	2026/06/23	0.47 ug/L 0.43 ug/L	Standing – Tap by window in room 12 Flushed – Tap by window in rm 12
St. Joseph's Calabogie	4088	2022/06/27	0.14 ug/L 0.22 ug/L	Standing—Tap at back counter Room 12 Flushed—Tap at back counter Room 12
St. Anthony's	3767	2022/06/20	0.01 ug/L 0.03 ug/L	Standing—Fountain by Room 7 bottle fill Flushed—Fountain by Room 7 bottle fill
St. Anthony's	3767	2022/06/20	1.61 ug/L 1.44 ug/L	Standing—Tap in Room 10 Flushed—Tap in Room 10
St. Anthony's	3767	2022/06/20	0.01 <MDL 0.01 <MDL	Standing – Fountain by Room 16 bottle fill Flushed – Fountain by Room 16 bottle fill
St. Anthony's	3767	2022/06/21	0.05 ug/L 0.04 ug/L	Standing – Fountain by Room 7 – bubbler fill Flushed – Fountain by Room 7 – bubbler fill
St. Anthony's	3767	2022/06/21	0.01 <MDL 0.01 <MDL	Standing – Fountain by Room 16 bubbler fill Flushed – Fountain by Room 16 bubbler fill
George Vanier	3604	2022/06/22	0.01 <MDL 0.01 <MDL	Standing – Fountain by Room 15 Bottle fill Flushed – Fountain by Room 15 Bottle fill
George Vanier	3604	2022/06/27	0.01 <MDL 0.01 <MDL	Standing – Fountain by Room 15 Bubbler fill Flushed – Fountain by Room 15 Bubbler fill
St. Mary's OLGc	4274	2022/06/23	16.5 MAC 2.37 ug/L	Standing – Tap in Room 143 Middle back Flushed – Tap in Room 143 Middle back
St. Mary's OLGc	4274	2022/06/23	5.02 ug/L 1.98 ug/L	Standing – Fountain in room 114 Flushed – Fountain in room 114
St. Michael's	4326	2022/06/24	0.28 ug/L 0.43 ug/L	Standing – Tap in Room 8 Flushed – Tap in Room 8
St. James	4013	2022/06/23	0.02 ug/L 0.02 ug/L	Standing – Fountain by Room 32 Bubbler fill Flushed – Fountain by Room 32 Bubbler fill
St. James	4013	2022/06/24	0.02 ug/L 0.02 ug/L	Standing – Fountain by Room 32 Bottle fill Flushed – Fountain by Room 32 Bottle fill
St. Andrew's	3715	2022/06/22	7.85 ug/L 2.76 ug/L	Standing – Tap in Room 5 Flushed – Tap in Room 5
St. Francis of Assisi	17382	2022/06/29	0.01 <MDL 0.02 ug/L	Standing – Fountain by Room 105 Bottle fill Flushed – Fountain by Room 105 Bottle fill
St. Francis of Assisi	17382	2022/06/30	0.01 <MDL 0.02 ug/L	Standing – Fountain by Room 105 Bubbler fill Flushed – Fountain by Room 105 Bubbler fill
Cathedral	3116	2022/06/20	0.48 ug/L 0.26 ug/L	Standing – Fountain in hall by Room 114 Flushed – Fountain in hall by Room 114
Cathedral	3116	2022/06/21	0.32 ug/L 0.23 ug/L	Standing – Fountain by Room 116 Flushed – Fountain by Room 116

School Name	SFIS Number	Collection Date	Test Results	Location Type
Holy Name/Valleycrest I	3298/2693	2022/06/20	0.12 ug/L 0.12 ug/L	Standing – Fountain by Room 13 Bottle fill Flushed – Fountain by Room 13 Bottle fill
Holy Name/Valleycrest I	3298/2693	2022/06/21	0.26 ug/L 0.11 ug/L	Standing – Fountain by Room 13 Bubblers fill Flushed – Fountain by Room 13 Bubblers fill
Our Lady of Lourdes	3543	2022/06/23	0.06 ug/L 0.08 ug/L	Standing – Fountain by Room 20 Flushed – Fountain by Room 20
Our Lady of Sorrows	10762	2022/06/29	0.21 ug/L 0.05 ug/L	Standing – Tap in Room 5 Flushed – Tap in room 5
Our Lady of Fatima	3505	2022/06/22	1.88 ug/L 0.92 ug/L	Standing – Left Fountain by Room 7 Flushed – Left Fountain by Room 7
Our Lady of Fatima	3505	2022/06/22	0.07 ug/L 0.17 ug/L	Standing – Fountain by Room 23 – Bottle fill Flushed – Fountain by Room 23 – Bottle fill
Our Lady of Fatima	3505	2022/06/23	0.13 ug/L 0.24 ug/L	Standing – Fountain by Room 23 – Bubblers fill Flushed – Fountain by Room 23 – Bubblers fill
St. Thomas the Apostle/Valleycrest II	4513/6472	2022/06/29	1.14 ug/L 0.69 ug/L	Standing – Tap in Room 100 Left Side Flushed – Tap in Room 100 Left Side
Our Lady of Grace	3531	2022/06/21	0.02 ug/L 0.01 <MDL	Standing – Fountain by Exit 2 Bubblers fill Flushed – Fountain by Exit 2 Bubblers fill
Our Lady of Grace	3531	2022/06/23	0.01 <MDL 0.01 <MDL	Standing – Fountain by Exit 2 Bottle fill Flushed – Fountain by Exit 2 Bottle fill
Bishop Smith CHS—Elementary & Secondary	3052/3065	2022/06/29	12.6 MAC 5.46 ug/L	Standing – Fountain by Room 259 Flushed – Fountain by Room 259
Bishop Smith CHS—Elementary & Secondary	3052/3065	2022/06/29	16.5 MAC 5.60 ug/L	Standing – Cafeteria Kitchen far tap Flushed - Cafeteria Kitchen far tap
St. Joseph's Alternate School	11079/4141	2022/06/28	2.95 ug/L 1.38 ug/L	Standing—Tap in Kitchen Flushed—Tap in Kitchen
St. Joseph's CHS – Elementary & Secondary	11079/4141	2022/06/29	0.36 ug/L 0.28 ug/L	Standing – Fountain by Room 322 Flushed – Fountain by Room 322